

# ARMAT

## MANHOLES I.



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MADE OF STAINLESS ...

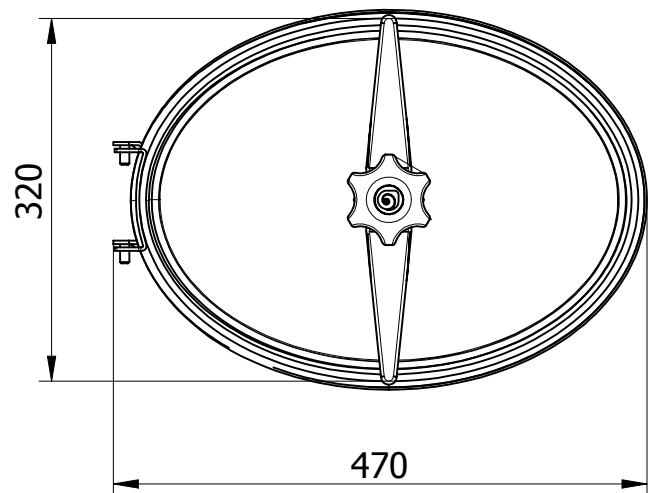
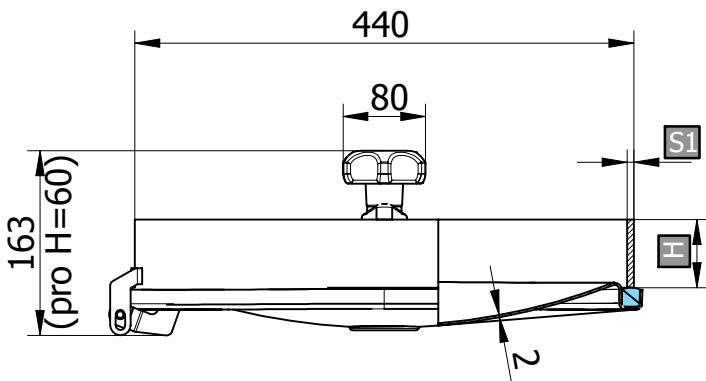
[www.armat.cz](http://www.armat.cz)

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Manholes I. - page 1

# 170 PED

Oval manwaydoor model: 170  
 Dimensions: 440 x 320 mm  
 Max working pressure: 1,3 bar  
 Material: AISI 304L or AISI 316L  
 Handwheel standard: MEC/80  
 on request: VI/170  
 MEC/150  
 MEC/80I  
 Gasket standard: EPDM  
 on request: Silicone, NBR, VITON  
 code: G/170  
 type: on cover not glued  
 Certificates on request: PED, EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-170-1.4301/E	AISI 304L	EPDM	60	6	2	0 / 1,3	6,4
P1-170-1.4301/N	AISI 304L	NBR	60	6	2	0 / 1,3	6,4
P1-170-1.4301/S	AISI 304L	Silicone	60	6	2	0 / 1,3	6,4
P1-170-1.4301/V	AISI 304L	VITON	60	6	2	0 / 1,3	6,4

P1-170/B-1.4404/E	AISI 316L	EPDM	60	6	2	0 / 1,3	6,4
P1-170/B-1.4404/N	AISI 316L	NBR	60	6	2	0 / 1,3	6,4
P1-170/B-1.4404/S	AISI 316L	Silicone	60	6	2	0 / 1,3	6,4
P1-170/B-1.4404/V	AISI 316L	Viton	60	6	2	0 / 1,3	6,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-174-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 1,3	7,8
P1-174-1.4301/N	AISI 304L	NBR	60	8	2	0 / 1,3	7,8
P1-174-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 1,3	7,8
P1-174-1.4301/V	AISI 304L	VITON	60	8	2	0 / 1,3	7,8

P1-174/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 1,3	7,8
P1-174/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 1,3	7,8
P1-174/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 1,3	7,8
P1-174/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 1,3	7,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-172-1.4301/E	AISI 304L	EPDM	80	6	2	0 / 1,3	7,4
P1-172-1.4301/N	AISI 304L	NBR	80	6	2	0 / 1,3	7,4
P1-172-1.4301/S	AISI 304L	Silicone	80	6	2	0 / 1,3	7,4
P1-172-1.4301/V	AISI 304L	VITON	80	6	2	0 / 1,3	7,4

P1-172/B-1.4404/E	AISI 316L	EPDM	80	6	2	0 / 1,3	7,4
P1-172/B-1.4404/N	AISI 316L	NBR	80	6	2	0 / 1,3	7,4
P1-172/B-1.4404/S	AISI 316L	Silicone	80	6	2	0 / 1,3	7,4
P1-172/B-1.4404/V	AISI 316L	Viton	80	6	2	0 / 1,3	7,4

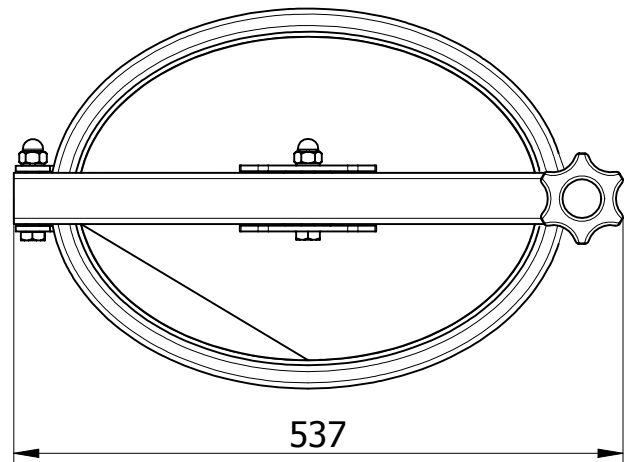
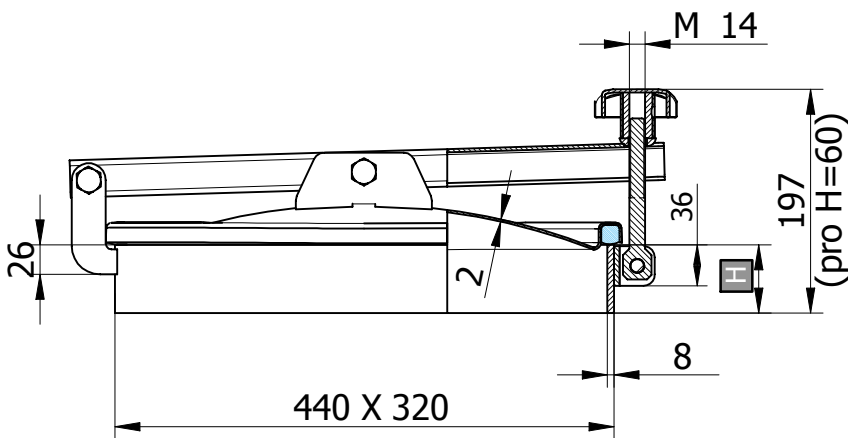
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-176-1.4301/E	AISI 304L	EPDM	80	8	2	0 / 1,3	8,8
P1-176-1.4301/N	AISI 304L	NBR	80	8	2	0 / 1,3	8,8
P1-176-1.4301/S	AISI 304L	Silicone	80	8	2	0 / 1,3	8,8
P1-176-1.4301/V	AISI 304L	VITON	80	8	2	0 / 1,3	8,8

P1-176/B-1.4404/E	AISI 316L	EPDM	80	8	2	0 / 1,3	8,8
P1-176/B-1.4404/N	AISI 316L	NBR	80	8	2	0 / 1,3	8,8
P1-176/B-1.4404/S	AISI 316L	Silicone	80	8	2	0 / 1,3	8,8
P1-176/B-1.4404/V	AISI 316L	Viton	80	8	2	0 / 1,3	8,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 174/AE

<b>Oval manwaydoor:</b>		174/AE
<b>Dimensions:</b>		440 x 320 mm
<b>Max working pressure:</b>		0,1 bar
<b>Material:</b>		AISI 304L or AISI 316L
<b>Handwheel</b>	<b>standard:</b>	MEC/80I
	<b>on request:</b>	VI/170 MEC/150
<b>Gasket</b>	<b>standard:</b>	EPDM
	<b>on request:</b>	Silicone, NBR, VITON
	<b>code:</b>	G/170
	<b>type:</b>	on cover not glued
<b>Certificates on request:</b>		EN 10204 3.1, FDA



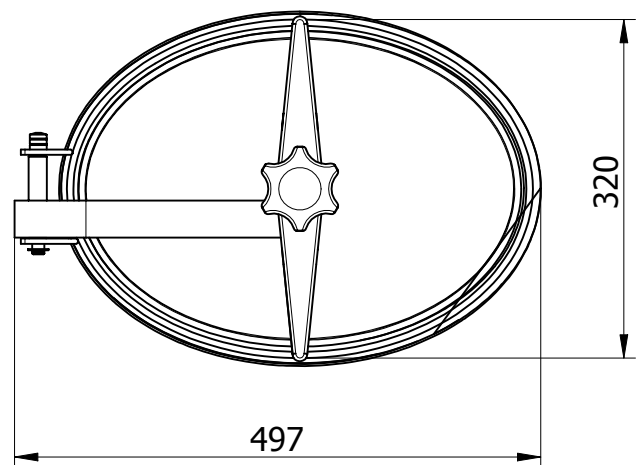
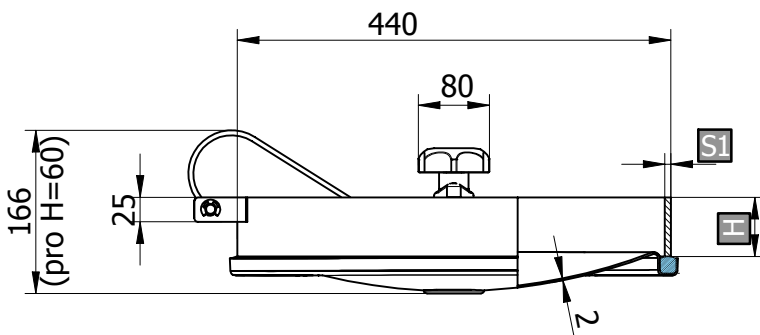
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-174/AE-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,1	11,5
P1-174/AE-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,1	11,5
P1-174/AE-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,1	11,5
P1-174/AE-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,1	11,5
P1-174/AE/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 0,1	11,5
P1-174/AE/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,1	11,5
P1-174/AE/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,1	11,5
P1-174/AE/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,1	11,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-176/AE-1.4301/E	AISI 304L	EPDM	80	8	2	0 / 0,1	13,5
P1-176/AE-1.4301/N	AISI 304L	NBR	80	8	2	0 / 0,1	13,5
P1-176/AE-1.4301/S	AISI 304L	Silicone	80	8	2	0 / 0,1	13,5
P1-176/AE-1.4301/V	AISI 304L	VITON	80	8	2	0 / 0,1	13,5
P1-176/AE/B-1.4404/E	AISI 316L	EPDM	80	8	2	0 / 0,1	13,5
P1-176/AE/B-1.4404/N	AISI 316L	NBR	80	8	2	0 / 0,1	13,5
P1-176/AE/B-1.4404/S	AISI 316L	Silicone	80	8	2	0 / 0,1	13,5
P1-176/AE/B-1.4404/V	AISI 316L	Viton	80	8	2	0 / 0,1	13,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 180 PED

**Oval manwaydoor:** 180  
**Dimensions:** 440 x 320 mm  
**Max working pressure:** 1,3 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel** **standard:** MEC/80I  
**on request:** VI/165  
 MEC/150/BLUE  
**Gasket** **standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/170  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-180-1.4301/E	AISI 304L	EPDM	60	6	2	0 / 1,3	8,3
P1-180-1.4301/N	AISI 304L	NBR	60	6	2	0 / 1,3	8,3
P1-180-1.4301/S	AISI 304L	Silicone	60	6	2	0 / 1,3	8,3
P1-180-1.4301/V	AISI 304L	VITON	60	6	2	0 / 1,3	8,3

P1-180/B-1.4404/E	AISI 316L	EPDM	60	6	2	0 / 1,3	8,3
P1-180/B-1.4404/N	AISI 316L	NBR	60	6	2	0 / 1,3	8,3
P1-180/B-1.4404/S	AISI 316L	Silicone	60	6	2	0 / 1,3	8,3
P1-180/B-1.4404/V	AISI 316L	Viton	60	6	2	0 / 1,3	8,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-184-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 1,3	8,7
P1-184-1.4301/N	AISI 304L	NBR	60	8	2	0 / 1,3	8,7
P1-184-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 1,3	8,7
P1-184-1.4301/V	AISI 304L	VITON	60	8	2	0 / 1,3	8,7

P1-184/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 1,3	8,7
P1-184/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 1,3	8,7
P1-184/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 1,3	8,7
P1-184/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 1,3	8,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-182-1.4301/E	AISI 304L	EPDM	80	6	2	0 / 1,3	9,6
P1-182-1.4301/N	AISI 304L	NBR	80	6	2	0 / 1,3	9,6
P1-182-1.4301/S	AISI 304L	Silicone	80	6	2	0 / 1,3	9,6
P1-182-1.4301/V	AISI 304L	VITON	80	6	2	0 / 1,3	9,6

P1-182/B-1.4404/E	AISI 316L	EPDM	80	6	2	0 / 1,3	9,6
P1-182/B-1.4404/N	AISI 316L	NBR	80	6	2	0 / 1,3	9,6
P1-182/B-1.4404/S	AISI 316L	Silicone	80	6	2	0 / 1,3	9,6
P1-182/B-1.4404/V	AISI 316L	Viton	80	6	2	0 / 1,3	9,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-186-1.4301/E	AISI 304L	EPDM	80	8	2	0 / 1,3	10
P1-186-1.4301/N	AISI 304L	NBR	80	8	2	0 / 1,3	10
P1-186-1.4301/S	AISI 304L	Silicone	80	8	2	0 / 1,3	10
P1-186-1.4301/V	AISI 304L	VITON	80	8	2	0 / 1,3	10

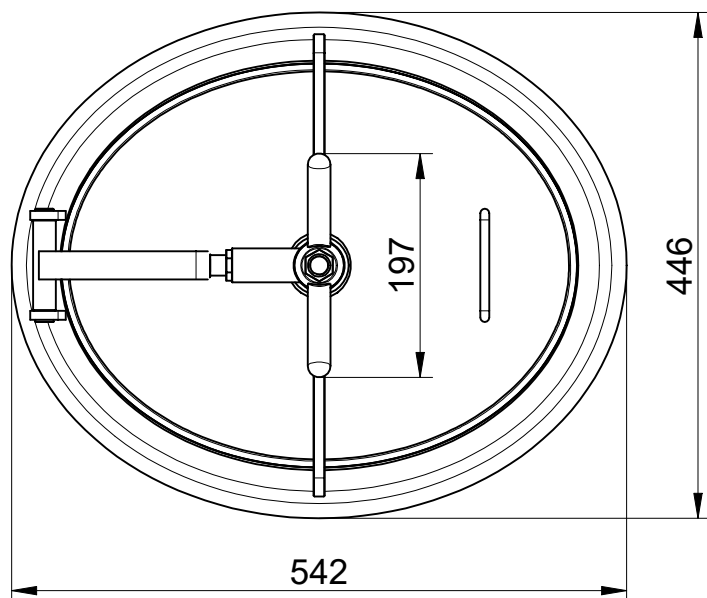
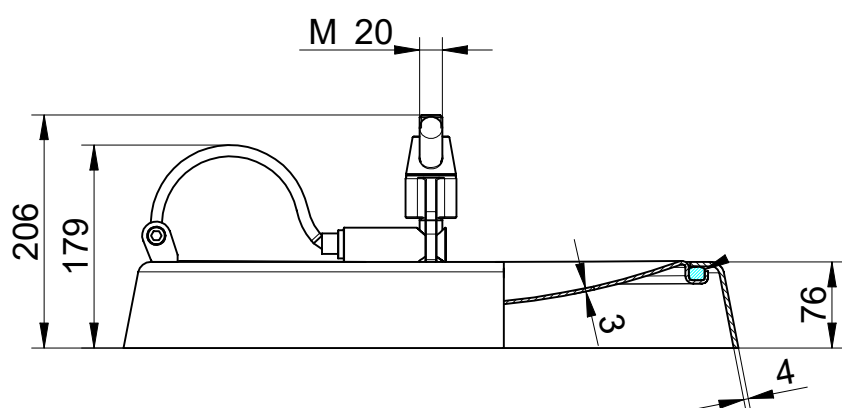
P1-186/B-1.4404/E	AISI 316L	EPDM	80	8	2	0 / 1,3	10
P1-186/B-1.4404/N	AISI 316L	NBR	80	8	2	0 / 1,3	10
P1-186/B-1.4404/S	AISI 316L	Silicone	80	8	2	0 / 1,3	10
P1-186/B-1.4404/V	AISI 316L	Viton	80	8	2	0 / 1,3	10

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 190 PED

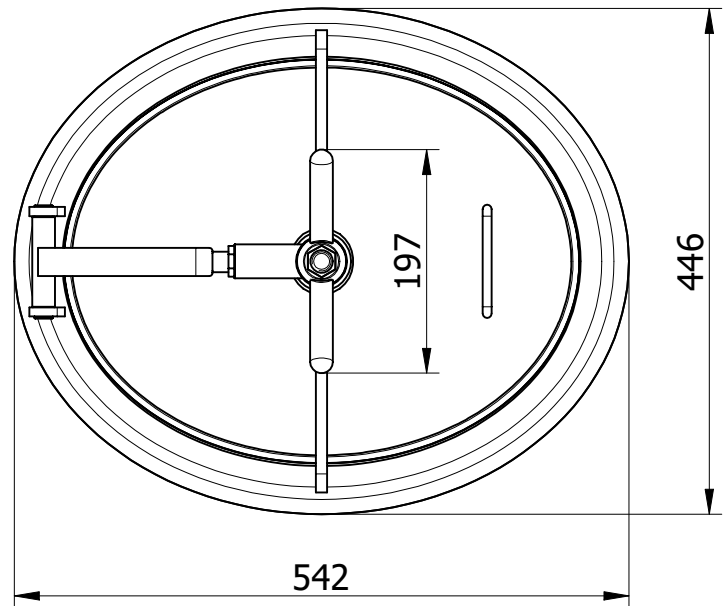
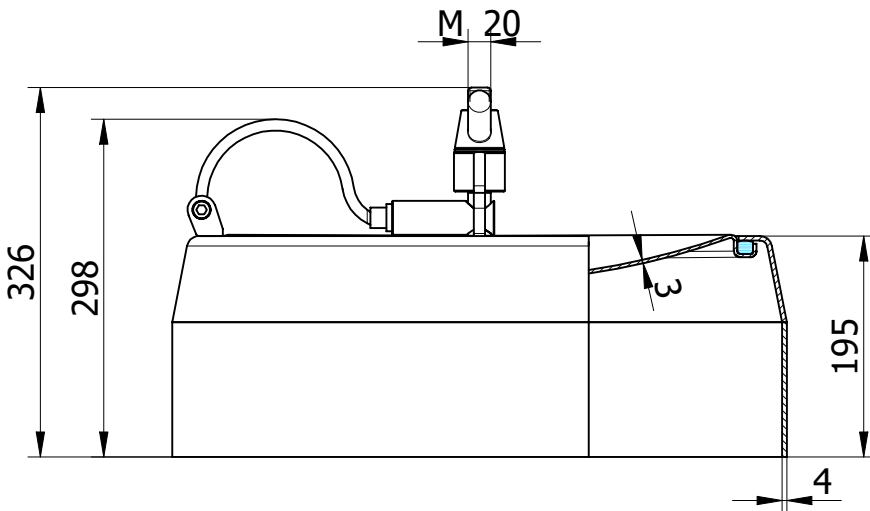
<b>Oval manwaydoor:</b>	190
<b>Dimensions:</b>	542 x 446 mm
<b>Max working pressure:</b>	2,8 bar
<b>Material:</b>	AISI 304L or AISI 316L
<b>Handwheel standard:</b>	G/480
<b>Gasket standard:</b>	EPDM
<b>on request:</b>	Silicone, NBR, VITON
<b>code:</b>	G/480
<b>type:</b>	on cover not glued
<b>Certificates on request:</b>	PED, EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-190-1.4301/E	AISI 304L	EPDM	76	4	3	0 / 2,8	13,0
P1-190-1.4301/N	AISI 304L	NBR	76	4	3	0 / 2,8	13,0
P1-190-1.4301/S	AISI 304L	Silicone	76	4	3	0 / 2,8	13,0
P1-190-1.4301/V	AISI 304L	VITON	76	4	3	0 / 2,8	13,0
P1-190/B-1.4404/E	AISI 316L	EPDM	76	4	3	0 / 2,8	13,0
P1-190/B-1.4404/N	AISI 316L	NBR	76	4	3	0 / 2,8	13,0
P1-190/B-1.4404/S	AISI 316L	Silicone	76	4	3	0 / 2,8	13,0
P1-190/B-1.4404/V	AISI 316L	Viton	76	4	3	0 / 2,8	13,0

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Oval manwaydoor:** 191  
**Dimensions:** 542 x 446 mm  
**Max working pressure:** 2,7 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/190  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/480  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA

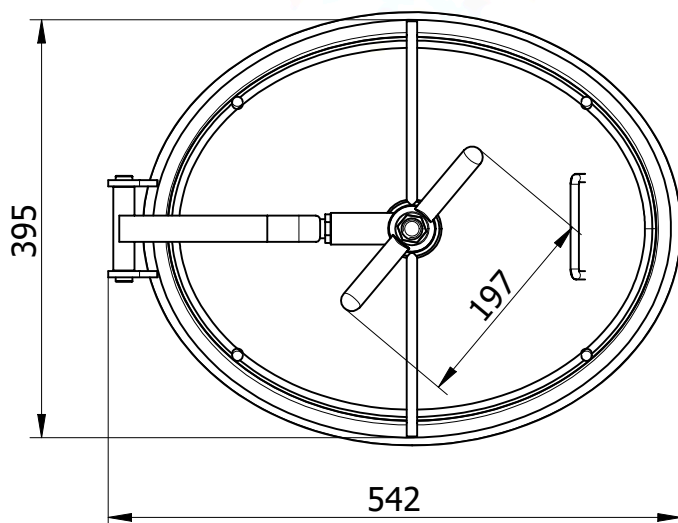
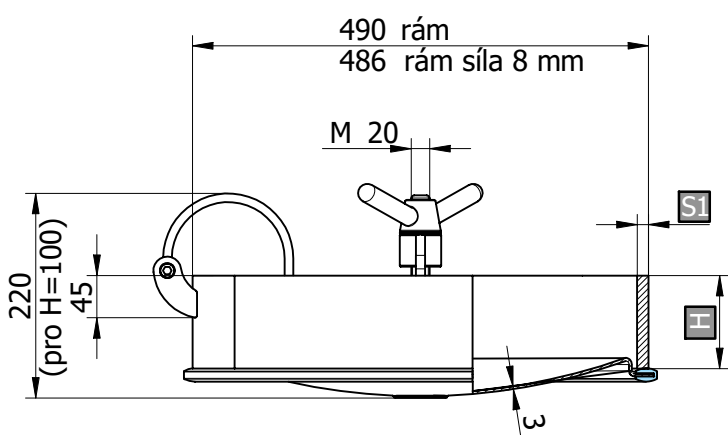


Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-191-1.4301/E	AISI 304L	EPDM	195	4	3	0 / 2,7	15,8
P1-191-1.4301/N	AISI 304L	NBR	195	4	3	0 / 2,7	15,8
P1-191-1.4301/S	AISI 304L	Silicone	195	4	3	0 / 2,7	15,8
P1-191-1.4301/V	AISI 304L	VITON	195	4	3	0 / 2,7	15,8
P1-191/B-1.4404/E	AISI 316L	EPDM	195	4	3	0 / 2,7	15,8
P1-191/B-1.4404/N	AISI 316L	NBR	195	4	3	0 / 2,7	15,8
P1-191/B-1.4404/S	AISI 316L	Silicone	195	4	3	0 / 2,7	15,8
P1-191/B-1.4404/V	AISI 316L	Viton	195	4	3	0 / 2,7	15,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 200 PED

**Oval manwaydoor:** 200  
**Dimensions:** 490 x 395 mm  
**Max working pressure:** 2,7 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/190  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/15  
**type:** on cover not glued  
**Certificates on request:** PED\*\*, EN 10204 3.1, FDA



Code (**NO PED)	Material	Gasket	Height (H)	S1	S3	Max press bar	Kg
P1-200-1.4301/E	AISI 304L	EPDM	80	8	3	0 / 2,7	14,8
P1-200-1.4301/N	AISI 304L	NBR	80	8	3	0 / 2,7	14,8
P1-200-1.4301/S	AISI 304L	Silicone	80	8	3	0 / 2,7	14,8
P1-200-1.4301/V	AISI 304L	VITON	80	8	3	0 / 2,7	14,8

Code (**NO PED)	Material	Gasket	Height (H)	S1	S3	Max press bar	Kg
P1-201-1.4301/E	AISI 304L	EPDM	100	8	3	0 / 2,7	16,5
P1-201-1.4301/N	AISI 304L	NBR	100	8	3	0 / 2,7	16,5
P1-201-1.4301/S	AISI 304L	Silicone	100	8	3	0 / 2,7	16,5
P1-201-1.4301/V	AISI 304L	VITON	100	8	3	0 / 2,7	16,5

P1-200/B-1.4404/E	AISI 316L	EPDM	80	8	3	0 / 2,7	14,8
P1-200/B-1.4404/N	AISI 316L	NBR	80	8	3	0 / 2,7	14,8
P1-200/B-1.4404/S	AISI 316L	Silicone	80	8	3	0 / 2,7	14,8
P1-200/B-1.4404/V	AISI 316L	Viton	80	8	3	0 / 2,7	14,8

P1-201/B-1.4404/E	AISI 316L	EPDM	100	8	3	0 / 2,7	16,5
P1-201/B-1.4404/N	AISI 316L	NBR	100	8	3	0 / 2,7	16,5
P1-201/B-1.4404/S	AISI 316L	Silicone	100	8	3	0 / 2,7	16,5
P1-201/B-1.4404/V	AISI 316L	Viton	100	8	3	0 / 2,7	16,5

Code (PED)	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-202-1.4301/E	AISI 304L	EPDM	80	12	3	0 / 2,7	18,2
P1-202-1.4301/N	AISI 304L	NBR	80	12	3	0 / 2,7	18,2
P1-202-1.4301/S	AISI 304L	Silicone	80	12	3	0 / 2,7	18,2
P1-202-1.4301/V	AISI 304L	VITON	80	12	3	0 / 2,7	18,2

Code (PED)	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-203-1.4301/E	AISI 304L	EPDM	100	12	3	0 / 2,7	20,8
P1-203-1.4301/N	AISI 304L	NBR	100	12	3	0 / 2,7	20,8
P1-203-1.4301/S	AISI 304L	Silicone	100	12	3	0 / 2,7	20,8
P1-203-1.4301/V	AISI 304L	VITON	100	12	3	0 / 2,7	20,8

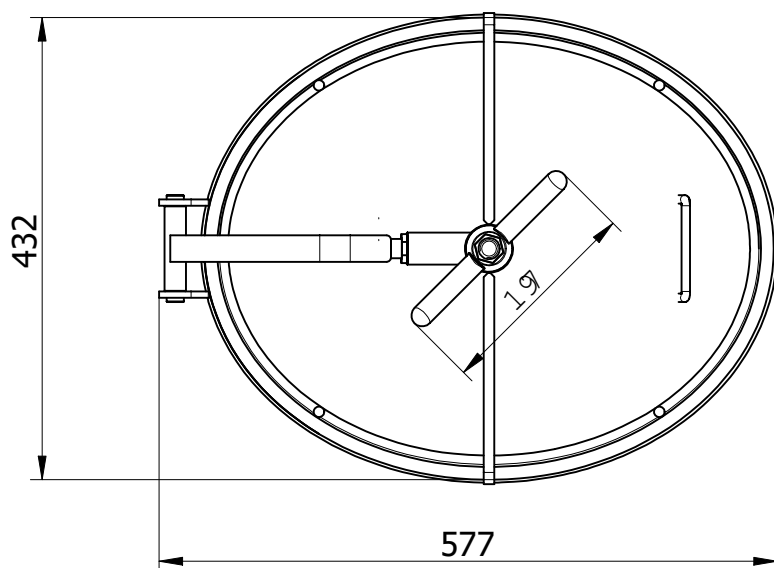
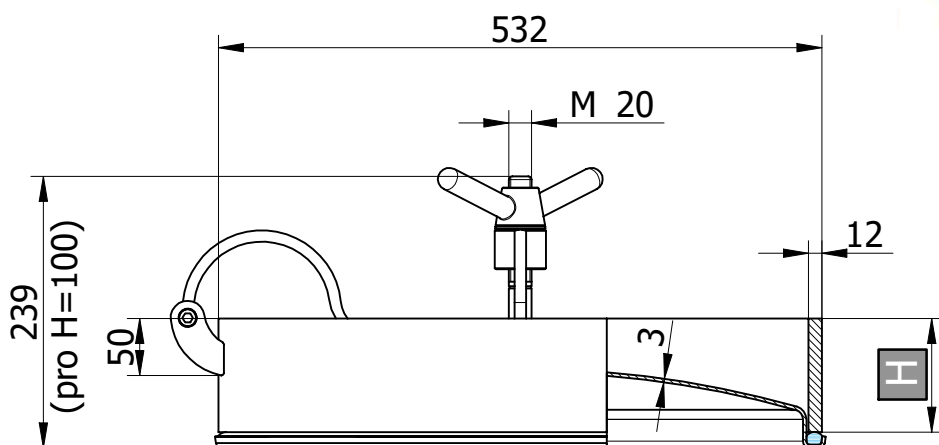
P1-202/B-1.4404/E	AISI 316L	EPDM	80	12	3	0 / 2,7	18,2
P1-202/B-1.4404/N	AISI 316L	NBR	80	12	3	0 / 2,7	18,2
P1-202/B-1.4404/S	AISI 316L	Silicone	80	12	3	0 / 2,7	18,2
P1-202/B-1.4404/V	AISI 316L	Viton	80	12	3	0 / 2,7	18,2

P1-203/B-1.4404/E	AISI 316L	EPDM	100	12	3	0 / 2,7	20,8
P1-203/B-1.4404/N	AISI 316L	NBR	100	12	3	0 / 2,7	20,8
P1-203/B-1.4404/S	AISI 316L	Silicone	100	12	3	0 / 2,7	20,8
P1-203/B-1.4404/V	AISI 316L	Viton	100	12	3	0 / 2,7	20,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 200/LZD PED

**Oval manwaydoor:** 200/LZD  
**Dimensions:** 532 x 432 mm  
**Max working pressure:** 4,8 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/190  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/200LZD  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-200/LZD-1.4301/E	AISI 304L	EPDM	60	12	3	4,8	18,4
P1-200/LZD-1.4301/N	AISI 304L	NBR	60	12	3	4,8	18,4
P1-200/LZD-1.4301/S	AISI 304L	Silicone	60	12	3	4,8	18,4
P1-200/LZD-1.4301/V	AISI 304L	VITON	60	12	3	4,8	18,4
P1-200/LZD/B-1.4404/E	AISI 316L	EPDM	60	12	3	4,8	18,4
P1-200/LZD/B-1.4404/N	AISI 316L	NBR	60	12	3	4,8	18,4
P1-200/LZD/B-1.4404/S	AISI 316L	Silicone	60	12	3	4,8	18,4
P1-200/LZD/B-1.4404/V	AISI 316L	Viton	60	12	3	4,8	18,4

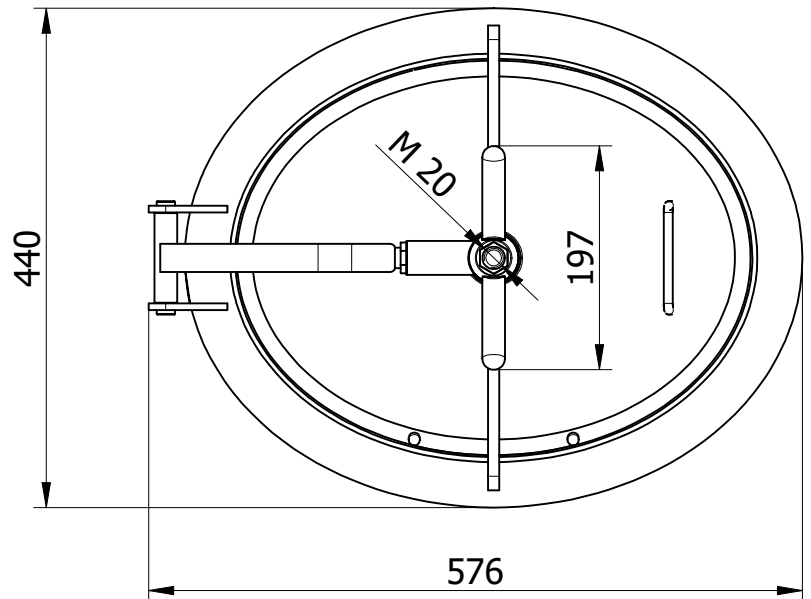
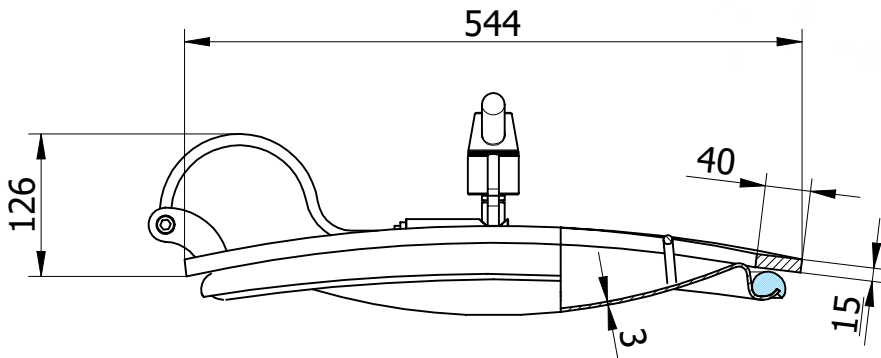
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-201/LZD-1.4301/E	AISI 304L	EPDM	100	12	3	0 / 4,8	24
P1-201/LZD-1.4301/N	AISI 304L	NBR	100	12	3	0 / 4,8	24
P1-201/LZD-1.4301/S	AISI 304L	Silicone	100	12	3	0 / 4,8	24
P1-201/LZD-1.4301/V	AISI 304L	VITON	100	12	3	0 / 4,8	24
P1-201/LZD/B-1.4404/E	AISI 316L	EPDM	100	12	3	0 / 4,8	24
P1-201/LZD/B-1.4404/N	AISI 316L	NBR	100	12	3	0 / 4,8	24
P1-201/LZD/B-1.4404/S	AISI 316L	Silicone	100	12	3	0 / 4,8	24
P1-201/LZD/B-1.4404/V	AISI 316L	Viton	100	12	3	0 / 4,8	24

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 200/R PED

**Oval manwaydoor:** 200/R  
**Dimensions:** 540 x 440 mm  
**Max working pressure:** 2,8 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/190  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/200R  
**type:** on cover not glued  
**Diameter of vessel:** from Ø 1500 to Ø 4000 mm  
**Certificates on request:** PED, EN 10204 3.1, FDA

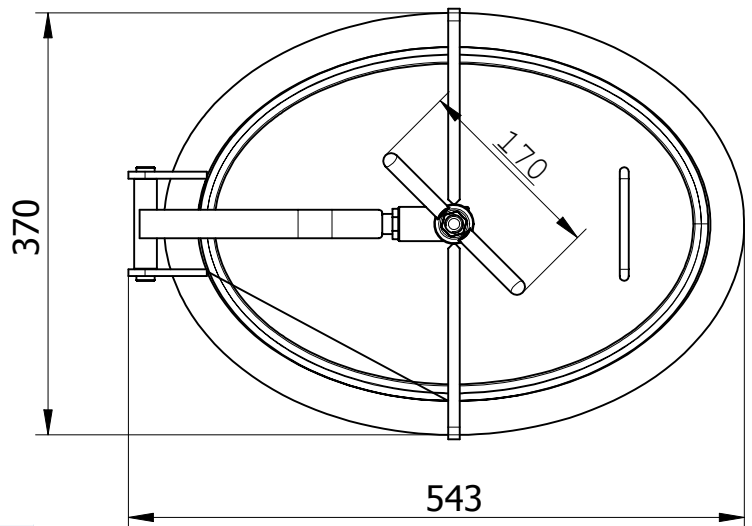
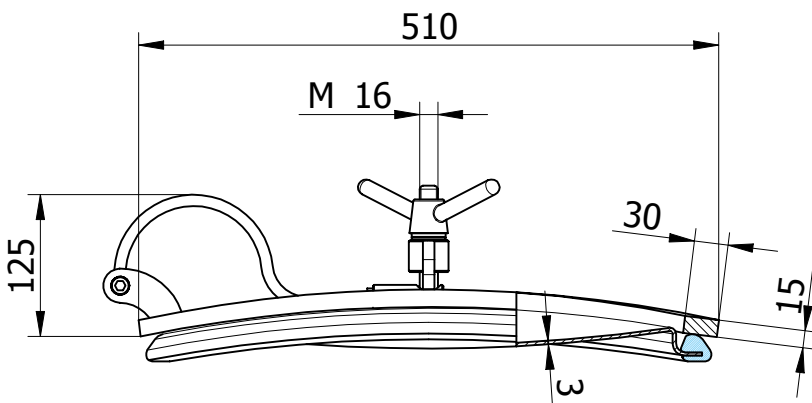


Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-200/R-1.4301/E	AISI 304L	EPDM	15	40	3	0 / 2,8	15,2
P1-200/R-1.4301/N	AISI 304L	NBR	15	40	3	0 / 2,8	15,2
P1-200/R-1.4301/S	AISI 304L	Silicone	15	40	3	0 / 2,8	15,2
P1-200/R-1.4301/V	AISI 304L	VITON	15	40	3	0 / 2,8	15,2
P1-200/R/B-1.4404/E	AISI 316L	EPDM	15	40	3	0 / 2,8	15,2
P1-200/R/B-1.4404/N	AISI 316L	NBR	15	40	3	0 / 2,8	15,2
P1-200/R/B-1.4404/S	AISI 316L	Silicone	15	40	3	0 / 2,8	15,2
P1-200/R/B-1.4404/V	AISI 316L	Viton	15	40	3	0 / 2,8	15,2

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 200/RP PED

**Oval manwaydoor:** 200/RP  
**Dimensions:** 510 x 370 mm  
**Max working pressure:** 3,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** VI/165  
                   **on request:** MEC/150  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/200/RP  
                   **type:** on cover not glued  
**Diameter of vessel:** from Ø 1300 to Ø 4000 mm

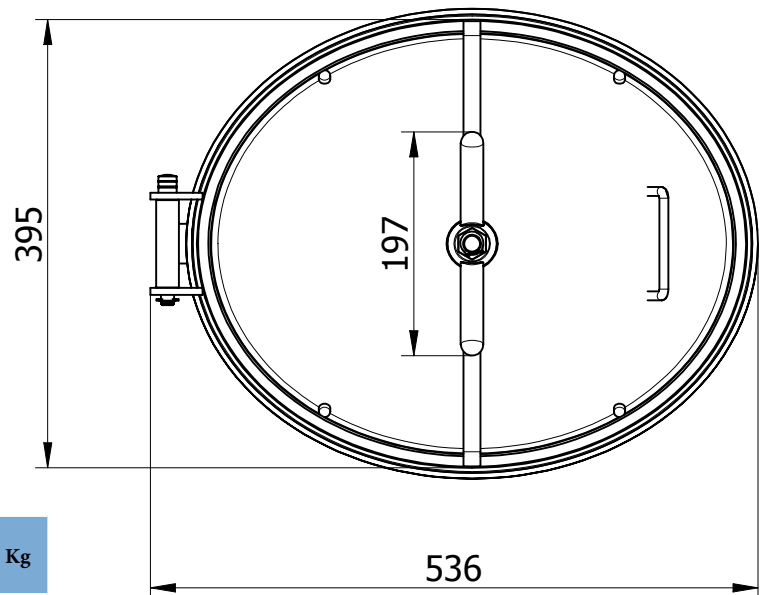
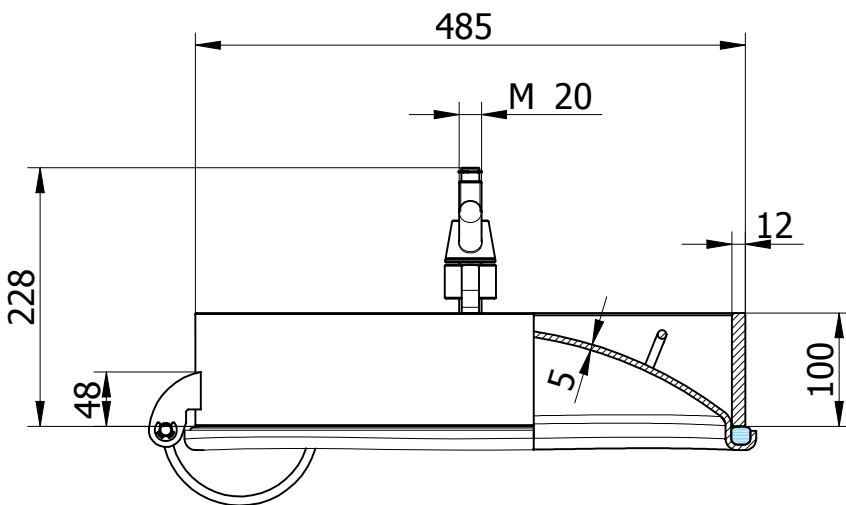


Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-200/RP-1.4301/E	AISI 304L	EPDM	15	30	3	0 / 3,2	10,5
P1-200/RP-1.4301/N	AISI 304L	NBR	15	30	3	0 / 3,2	10,5
P1-200/RP-1.4301/S	AISI 304L	Silicone	15	30	3	0 / 3,2	10,5
P1-200/RP-1.4301/V	AISI 304L	VITON	15	30	3	0 / 3,2	10,5
P1-200/RP/B-1.4404/E	AISI 316L	EPDM	15	30	3	0 / 3,2	10,5
P1-200/RP/B-1.4404/N	AISI 316L	NBR	15	30	3	0 / 3,2	10,5
P1-200/RP/B-1.4404/S	AISI 316L	Silicone	15	30	3	0 / 3,2	10,5
P1-200/RP/B-1.4404/V	AISI 316L	Viton	15	30	3	0 / 3,2	10,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 200/PES PED

**Oval manwaydoor:** 200/PES  
**Dimensions:** 485 x 395 mm  
**Max working pressure:** 9,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/190  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/200PES  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA

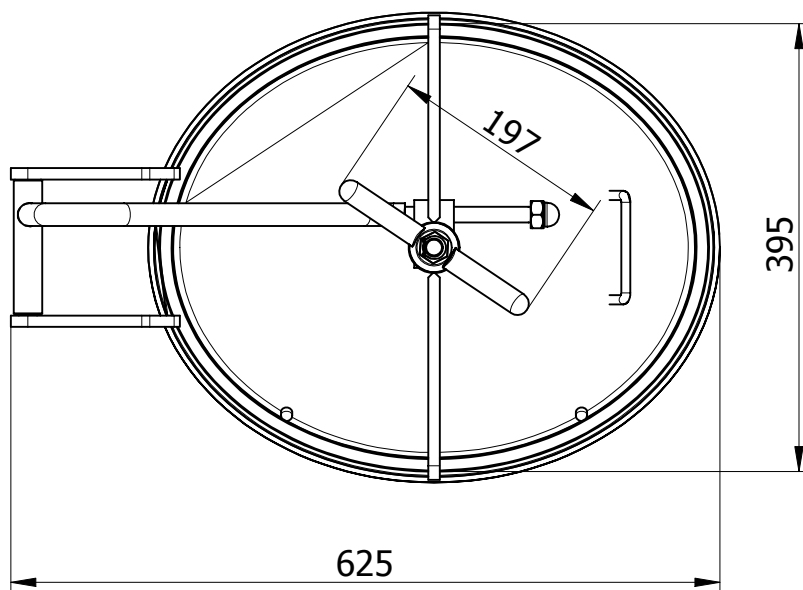
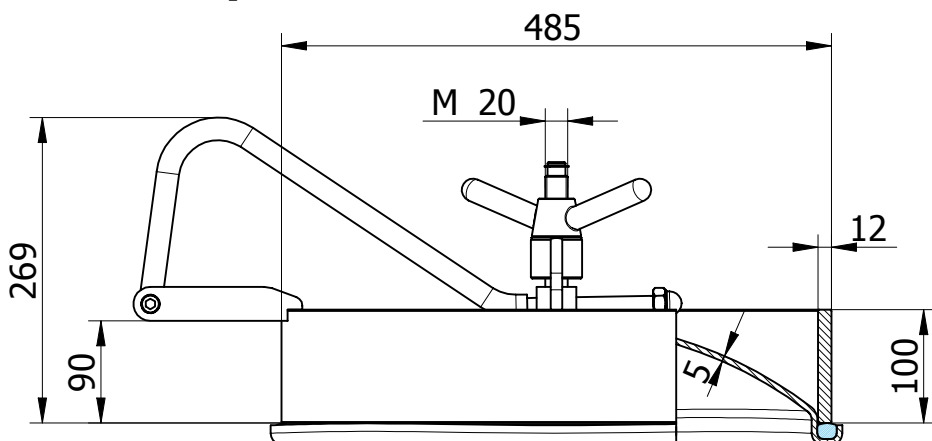


Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-200/PES-1.4301/E	AISI 304L	EPDM	100	12	5	0/9	28
P1-200/PES-1.4301/N	AISI 304L	NBR	100	12	5	0/9	28
P1-200/PES-1.4301/S	AISI 304L	Silicone	100	12	5	0/9	28
P1-200/PES-1.4301/V	AISI 304L	VITON	100	12	5	0/9	28
P1-200/PES/B-1.4404/E	AISI 316L	EPDM	100	12	5	0/9	28
P1-200/PES/B-1.4404/N	AISI 316L	NBR	100	12	5	0/9	28
P1-200/PES/B-1.4404/S	AISI 316L	Silicone	100	12	5	0/9	28
P1-200/PES/B-1.4404/V	AISI 316L	Viton	100	12	5	0/9	28

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 200/PES PED with pivot

**Oválný průřez model:** 200/PES with pivot  
**Dimensions:** 485 x 395 mm  
**Max working pressure:** 9,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/190  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/200PES  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



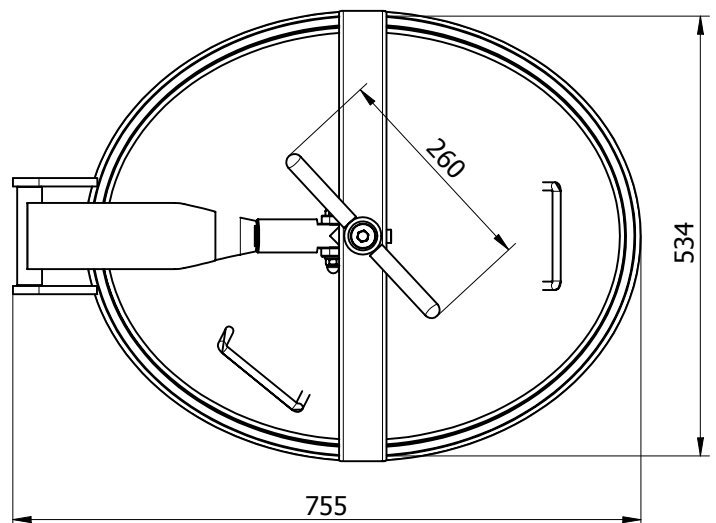
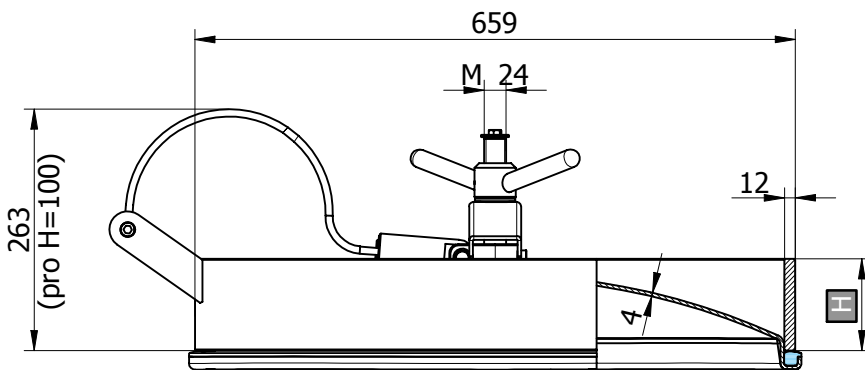
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-200/PES/P-1.4301/E	AISI 304L	EPDM	100	12	5	0/9	29
P1-200/PES/P-1.4301/N	AISI 304L	NBR	100	12	5	0/9	29
P1-200/PES/P-1.4301/S	AISI 304L	Silicone	100	12	5	0/9	29
P1-200/PES/P-1.4301/V	AISI 304L	VITON	100	12	5	0/9	29
P1-200/PES/P/B-1.4404/E	AISI 316L	EPDM	100	12	5	0/9	29
P1-200/PES/P/B-1.4404/N	AISI 316L	NBR	100	12	5	0/9	29
P1-200/PES/P/B-1.4404/S	AISI 316L	Silicone	100	12	5	0/9	29
P1-200/PES/P/B-1.4404/V	AISI 316L	Viton	100	12	5	0/9	29

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 630 PED

**Oval manwaydoor:** 630  
**Dimensions:** 659 x 534 mm  
**Max working pressure:** 4,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/260  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/630  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



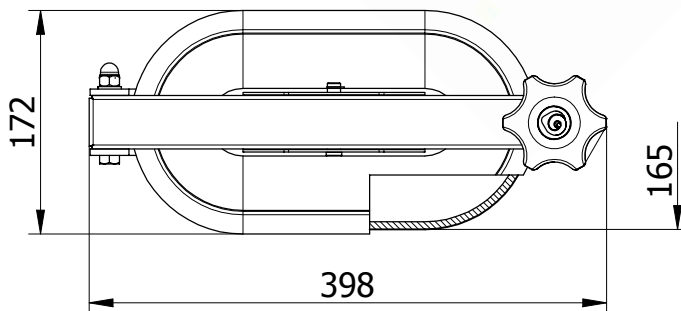
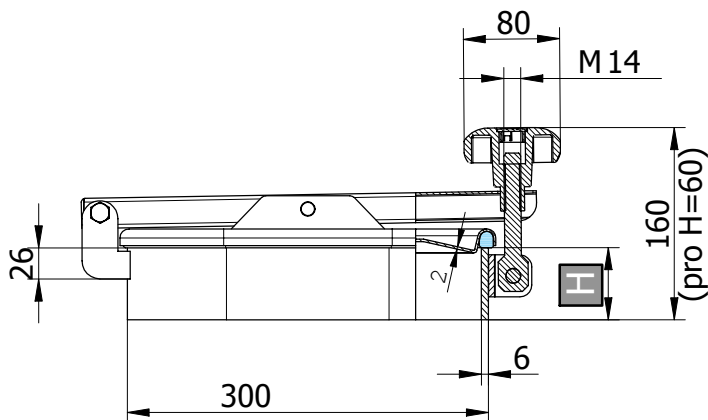
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-630-1.4301/E	AISI 304L	EPDM	100	12	4	0 / 4,0	38
P1-630-1.4301/N	AISI 304L	NBR	100	12	4	0 / 4,0	38
P1-630-1.4301/S	AISI 304L	Silicone	100	12	4	0 / 4,0	38
P1-630-1.4301/V	AISI 304L	VITON	100	12	4	0 / 4,0	38
P1-630/B-1.4404/E	AISI 316L	EPDM	100	12	4	0 / 4,0	38
P1-630/B-1.4404/N	AISI 316L	NBR	100	12	4	0 / 4,0	38
P1-630/B-1.4404/S	AISI 316L	Silicone	100	12	4	0 / 4,0	38
P1-630/B-1.4404/V	AISI 316L	Viton	100	12	4	0 / 4,0	38

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-631-1.4301/E	AISI 304L	EPDM	160	12	4	0 / 4,0	49
P1-631-1.4301/N	AISI 304L	NBR	160	12	4	0 / 4,0	49
P1-631-1.4301/S	AISI 304L	Silicone	160	12	4	0 / 4,0	49
P1-631-1.4301/V	AISI 304L	VITON	160	12	4	0 / 4,0	49
P1-631/B-1.4404/E	AISI 316L	EPDM	160	12	4	0 / 4,0	49
P1-631/B-1.4404/N	AISI 316L	NBR	160	12	4	0 / 4,0	49
P1-631/B-1.4404/S	AISI 316L	Silicone	160	12	4	0 / 4,0	49
P1-631/B-1.4404/V	AISI 316L	Viton	160	12	4	0 / 4,0	49

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# Z/175

**Manwaydoor:** Z/175  
**Dimensions:** 300 x 165 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** MEC/80A  
                   **on request:** MEC/80I, VI/Z175A  
**Gasket**        **standard:** EPDM  
                   **on request:** Silikon, NBR, VITON  
                   **code:** G/Z175  
                   **type:** on cover not glued  
**Model /K:** handle V/I/Z175/K  
                   safety nut  
                   gradual opening system  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-Z/175-1.4301/E	AISI 304L	EPDM	60	6	2	0 / 0,5	4,8
P1-Z/175-1.4301/N	AISI 304L	NBR	60	6	2	0 / 0,5	4,8
P1-Z/175-1.4301/S	AISI 304L	Silicone	60	6	2	0 / 0,5	4,8
P1-Z/175-1.4301/V	AISI 304L	VITON	60	6	2	0 / 0,5	4,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-Z/175/K-1.4301/E	AISI 304L	EPDM	60	6	2	0 / 0,5	4,9
P1-Z/175/K-1.4301/N	AISI 304L	NBR	60	6	2	0 / 0,5	4,9
P1-Z/175/K-1.4301/S	AISI 304L	Silicone	60	6	2	0 / 0,5	4,9
P1-Z/175/K-1.4301/V	AISI 304L	VITON	60	6	2	0 / 0,5	4,9

P1-Z/175/B-1.4404/E	AISI 316L	EPDM	60	6	2	0 / 0,5	4,8
P1-Z/175/B-1.4404/N	AISI 316L	NBR	60	6	2	0 / 0,5	4,8
P1-Z/175/B-1.4404/S	AISI 316L	Silicone	60	6	2	0 / 0,5	4,8
P1-Z/175/B-1.4404/V	AISI 316L	Viton	60	6	2	0 / 0,5	4,8

P1-Z/175/K/B-1.4404/E	AISI 316L	EPDM	60	6	2	0 / 0,5	4,9
P1-Z/175/K/B-1.4404/N	AISI 316L	NBR	60	6	2	0 / 0,5	4,9
P1-Z/175/K/B-1.4404/S	AISI 316L	Silicone	60	6	2	0 / 0,5	4,9
P1-Z/175/K/B-1.4404/V	AISI 316L	Viton	60	6	2	0 / 0,5	4,9

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-Z/176-1.4301/E	AISI 304L	EPDM	100	6	2	0 / 0,5	6,5
P1-Z/176-1.4301/N	AISI 304L	NBR	100	6	2	0 / 0,5	6,5
P1-Z/176-1.4301/S	AISI 304L	Silicone	100	6	2	0 / 0,5	6,5
P1-Z/176-1.4301/V	AISI 304L	VITON	100	6	2	0 / 0,5	6,5

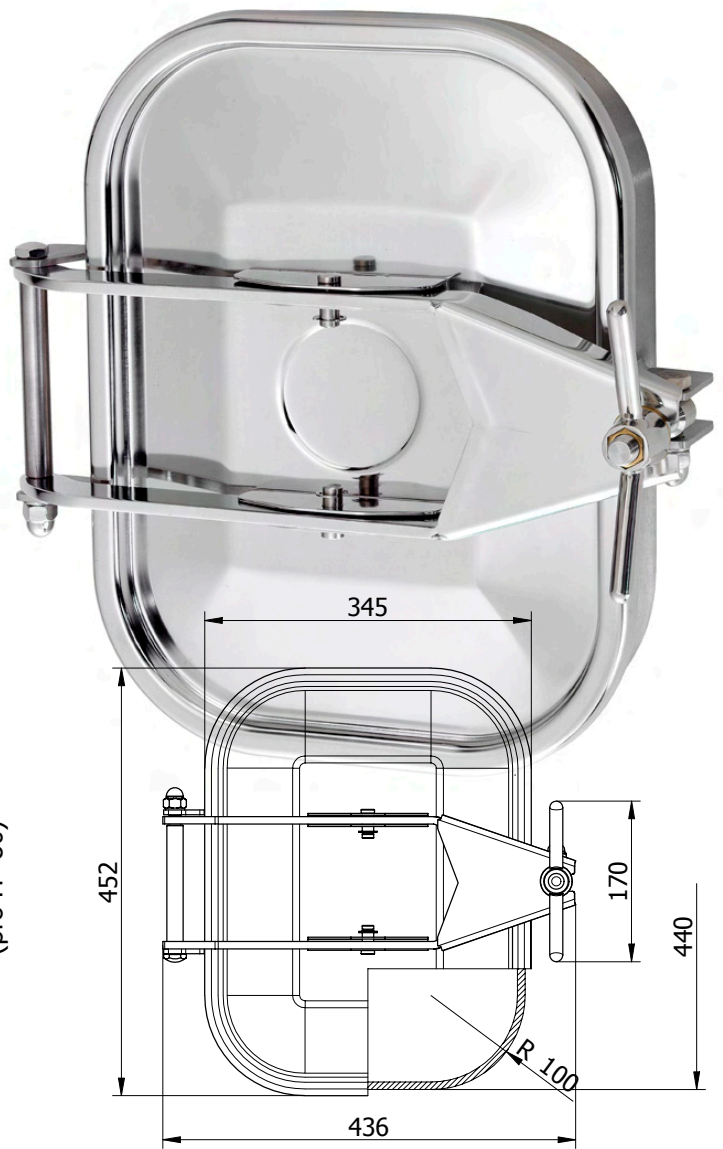
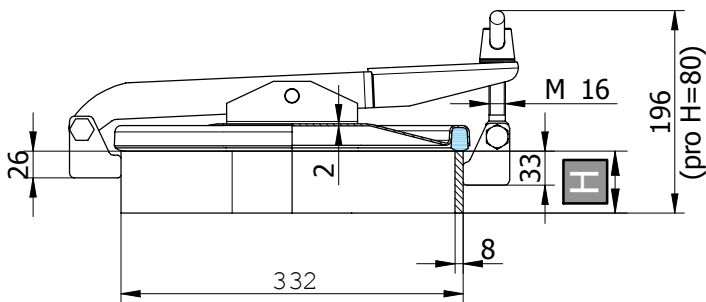
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-Z/176/K-1.4301/E	AISI 304L	EPDM	100	6	2	0 / 0,5	6,7
P1-Z/176/K-1.4301/N	AISI 304L	NBR	100	6	2	0 / 0,5	6,7
P1-Z/176/K-1.4301/S	AISI 304L	Silicone	100	6	2	0 / 0,5	6,7
P1-Z/176/K-1.4301/V	AISI 304L	VITON	100	6	2	0 / 0,5	6,7

P1-Z/176/B-1.4404/E	AISI 316L	EPDM	100	6	2	0 / 0,5	6,5
P1-Z/176/B-1.4404/N	AISI 316L	NBR	100	6	2	0 / 0,5	6,5
P1-Z/176/B-1.4404/S	AISI 316L	Silicone	100	6	2	0 / 0,5	6,5
P1-Z/176/B-1.4404/V	AISI 316L	Viton	100	6	2	0 / 0,5	6,5

P1-Z/176/K/B-1.4404/E	AISI 316L	EPDM	100	6	2	0 / 0,5	6,7
P1-Z/176/K/B-1.4404/N	AISI 316L	NBR	100	6	2	0 / 0,5	6,7
P1-Z/176/K/B-1.4404/S	AISI 316L	Silicone	100	6	2	0 / 0,5	6,7
P1-Z/176/K/B-1.4404/V	AISI 316L	Viton	100	6	2	0 / 0,5	6,7

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Rectangular manwaydoor model:** 160  
**Dimensions:** 332 x 440 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**on request:** MEC/150A  
 MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/R165  
**type:** on cover not glued  
**Model /K:** handle VI/165K  
 safety nut  
 gradual opening system  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-160-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,5	11,5
P1-160-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,5	11,5
P1-160-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,5	11,5
P1-160-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,5	11,5

P1-160/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 0,5	11,5
P1-160/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,5	11,5
P1-160/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,5	11,5
P1-160/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,5	11,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-161-1.4301/E	AISI 304L	EPDM	100	8	2	0 / 0,5	16,8
P1-161-1.4301/N	AISI 304L	NBR	100	8	2	0 / 0,5	16,8
P1-161-1.4301/S	AISI 304L	Silicone	100	8	2	0 / 0,5	16,8
P1-161-1.4301/V	AISI 304L	VITON	100	8	2	0 / 0,5	16,8

P1-161/B-1.4404/E	AISI 316L	EPDM	100	8	2	0 / 0,5	16,8
P1-161/B-1.4404/N	AISI 316L	NBR	100	8	2	0 / 0,5	16,8
P1-161/B-1.4404/S	AISI 316L	Silicone	100	8	2	0 / 0,5	16,8
P1-161/B-1.4404/V	AISI 316L	Viton	100	8	2	0 / 0,5	16,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-160/K-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,5	11,7
P1-160/K-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,5	11,7
P1-160/K-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,5	11,7
P1-160/K-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,5	11,7

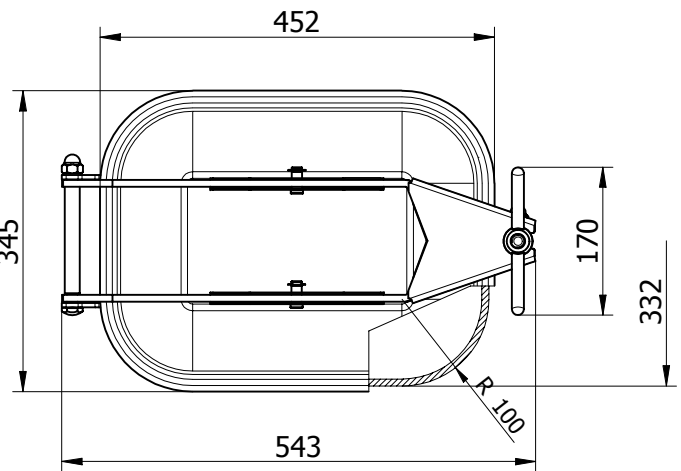
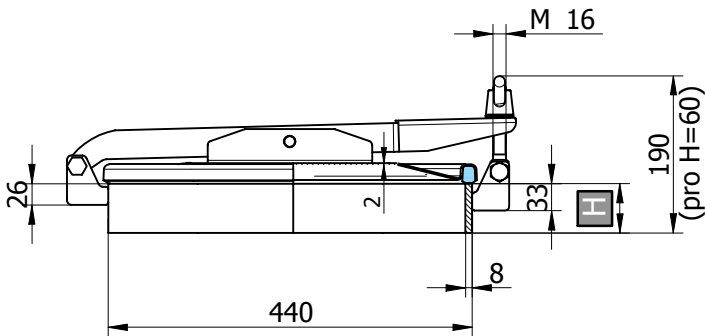
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P1-160/K/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,5	11,7
P1-160/K/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,5	11,7
P1-160/K/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,5	11,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-161/K-1.4301/E	AISI 304L	EPDM	100	8	2	0 / 0,5	17
P1-161/K-1.4301/N	AISI 304L	NBR	100	8	2	0 / 0,5	17
P1-161/K-1.4301/S	AISI 304L	Silicone	100	8	2	0 / 0,5	17
P1-161/K-1.4301/V	AISI 304L	VITON	100	8	2	0 / 0,5	17

P1-161/K/B-1.4404/E	AISI 316L	EPDM	100	8	2	0 / 0,5	17
P1-161/K/B-1.4404/N	AISI 316L	NBR	100	8	2	0 / 0,5	17
P1-161/K/B-1.4404/S	AISI 316L	Silicone	100	8	2	0 / 0,5	17
P1-161/K/B-1.4404/V	AISI 316L	Viton	100	8	2	0 / 0,5	17

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Rectangular manwaydoor model:** 165  
**Dimensions:** 440 x 332 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** VI/165A  
                   **on request:** MEC/150A  
    MEC/80I  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/R165  
                   **type:** on cover not glued  
**Model /K:**                    handle VI/165K  
    safety nut  
    gradual opening system  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-165-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,5	12,6
P1-165-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,5	12,6
P1-165-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,5	12,6
P1-165-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,5	12,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-165/K-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,5	12,8
P1-165/K-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,5	12,8
P1-165/K-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,5	12,8
P1-165/K-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,5	12,8

P1-165/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 0,5	12,6
P1-165/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,5	12,6
P1-165/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,5	12,6
P1-165/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,5	12,6

P1-165/K/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 0,5	12,8
P1-165/K/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,5	12,8
P1-165/K/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,5	12,8
P1-165/K/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,5	12,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-166-1.4301/E	AISI 304L	EPDM	100	8	2	0 / 0,5	18
P1-166-1.4301/N	AISI 304L	NBR	100	8	2	0 / 0,5	18
P1-166-1.4301/S	AISI 304L	Silicone	100	8	2	0 / 0,5	18
P1-166-1.4301/V	AISI 304L	VITON	100	8	2	0 / 0,5	18

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-166/K-1.4301/E	AISI 304L	EPDM	100	8	2	0 / 0,5	18,8
P1-166/K-1.4301/N	AISI 304L	NBR	100	8	2	0 / 0,5	18,8
P1-166/K-1.4301/S	AISI 304L	Silicone	100	8	2	0 / 0,5	18,8
P1-166/K-1.4301/V	AISI 304L	VITON	100	8	2	0 / 0,5	18,8

P1-166/B-1.4404/E	AISI 316L	EPDM	100	8	2	0 / 0,5	18
P1-166/B-1.4404/N	AISI 316L	NBR	100	8	2	0 / 0,5	18
P1-166/B-1.4404/S	AISI 316L	Silicone	100	8	2	0 / 0,5	18
P1-166/B-1.4404/V	AISI 316L	Viton	100	8	2	0 / 0,5	18

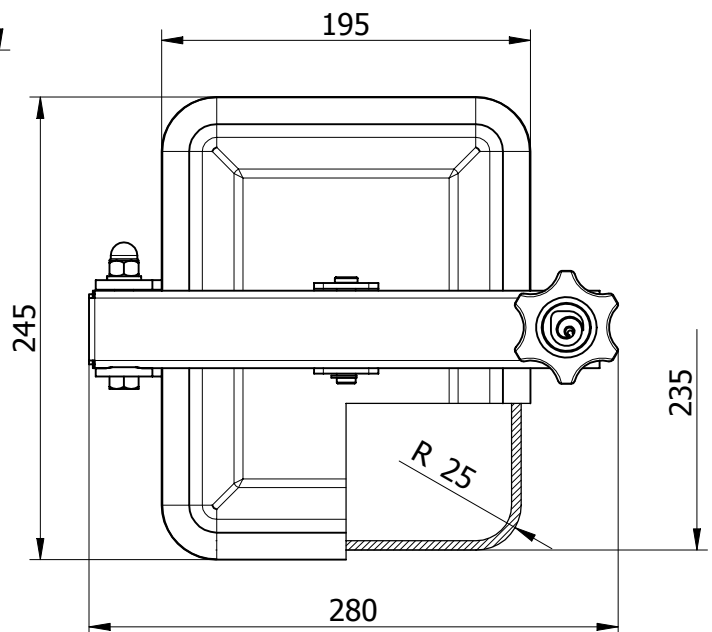
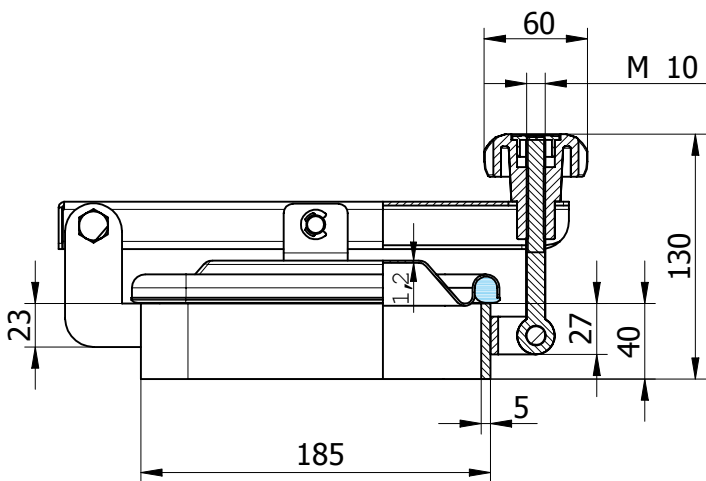
P1-166/K/B-1.4404/E	AISI 316L	EPDM	100	8	2	0 / 0,5	18,8
P1-166/K/B-1.4404/N	AISI 316L	NBR	100	8	2	0 / 0,5	18,8
P1-166/K/B-1.4404/S	AISI 316L	Silicone	100	8	2	0 / 0,5	18,8
P1-166/K/B-1.4404/V	AISI 316L	Viton	100	8	2	0 / 0,5	18,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 285

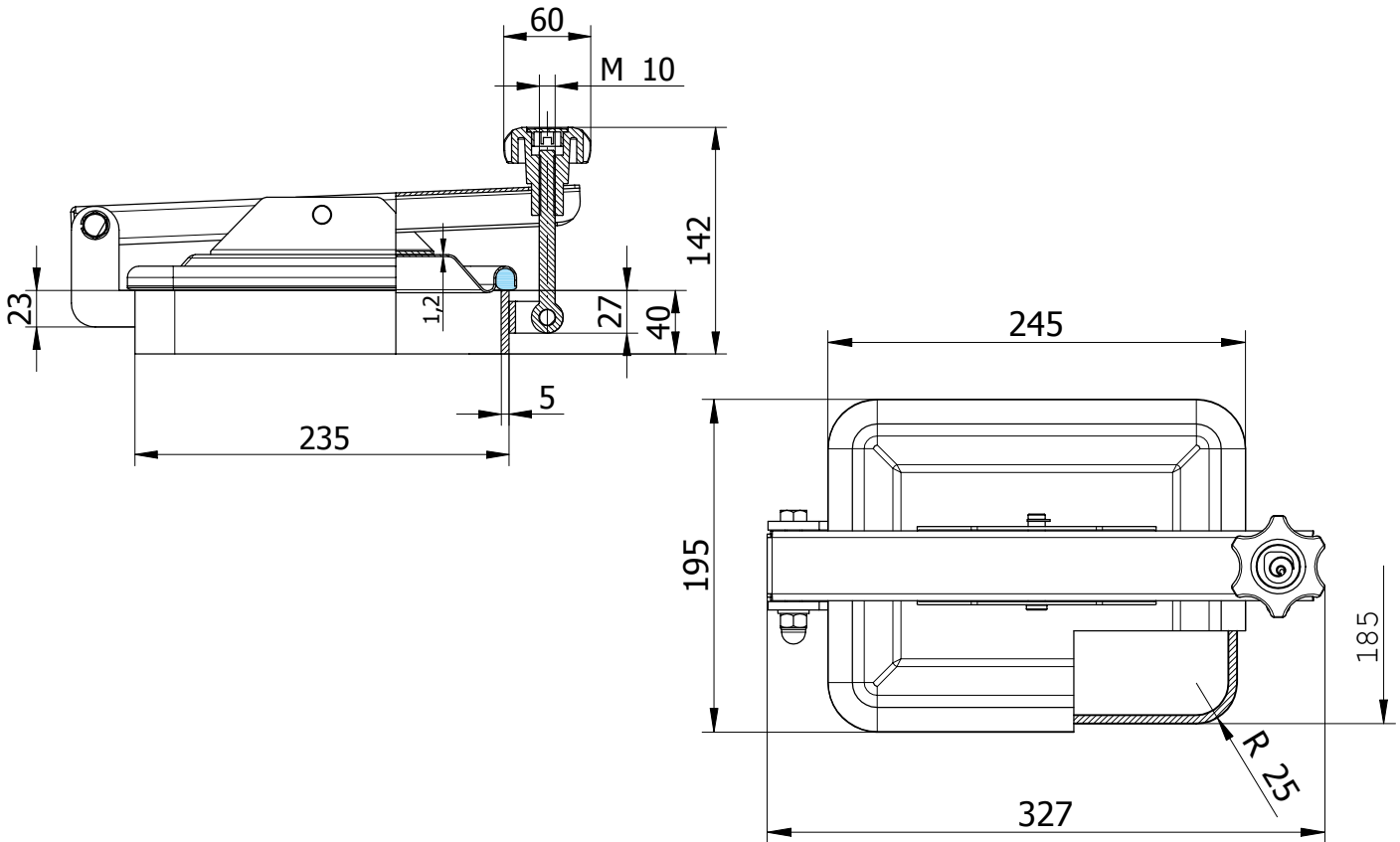
<b>Rectangular manwaydoor model:</b>	285
<b>Dimensions:</b>	185 x 235 mm
<b>Max working pressure:</b>	0,5 bar
<b>Material:</b>	AISI 304L or AISI 316L
<b>Handwheel</b>	<b>standard:</b> MEC/60A
	<b>on request:</b> VI/295A
<b>Gasket</b>	<b>standard:</b> EPDM
	<b>on request:</b> Silicone, NBR, VITON
	<b>code:</b> G/295
	<b>type:</b> on cover not glued
<b>Certificates on request:</b>	EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-285-1.4301/E	AISI 304L	EPDM	40	5	1,2	0 / 0,5	3,2
P1-285-1.4301/N	AISI 304L	NBR	40	5	1,2	0 / 0,5	3,2
P1-285-1.4301/S	AISI 304L	Silicone	40	5	1,2	0 / 0,5	3,2
P1-285-1.4301/V	AISI 304L	VITON	40	5	1,2	0 / 0,5	3,2
P1-285/B-1.4404/E	AISI 316L	EPDM	40	5	1,2	0 / 0,5	3,2
P1-285/B-1.4404/N	AISI 316L	NBR	40	5	1,2	0 / 0,5	3,2
P1-285/B-1.4404/S	AISI 316L	Silicone	40	5	1,2	0 / 0,5	3,2
P1-285/B-1.4404/V	AISI 316L	Viton	40	5	1,2	0 / 0,5	3,2

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Rectangular manwaydoor model:** 295  
**Dimensions:** 235 x 185 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** MEC/60A  
                   **on request:** VI/295A  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/295  
                   **type:** on cover not glued  
**Model /K:**        handleVI/165K  
                           safety nut  
                           gradual opening system  
**Certificates on request:** EN 10204 3.1, FDA



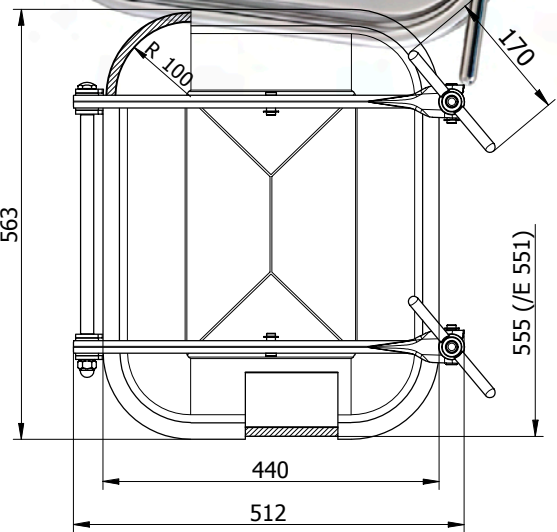
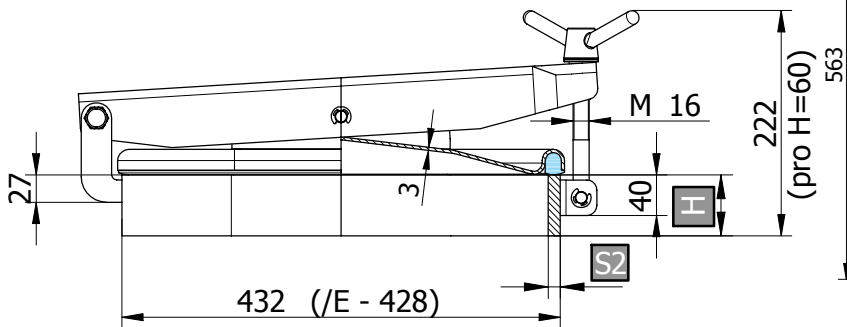
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-295-1.4301/E	AISI 304L	EPDM	40	5	1,2	0 / 0,5	3,2
P1-295-1.4301/N	AISI 304L	NBR	40	5	1,2	0 / 0,5	3,2
P1-295-1.4301/S	AISI 304L	Silicone	40	5	1,2	0 / 0,5	3,2
P1-295-1.4301/V	AISI 304L	VITON	40	5	1,2	0 / 0,5	3,2
P1-295/B-1.4404/E	AISI 316L	EPDM	40	5	1,2	0 / 0,5	3,2
P1-295/B-1.4404/N	AISI 316L	NBR	40	5	1,2	0 / 0,5	3,2
P1-295/B-1.4404/S	AISI 316L	Silicone	40	5	1,2	0 / 0,5	3,2
P1-295/B-1.4404/V	AISI 316L	Viton	40	5	1,2	0 / 0,5	3,2

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-295/K-1.4301/E	AISI 304L	EPDM	40	5	1,2	0 / 0,5	3,5
P1-295/K-1.4301/N	AISI 304L	NBR	40	5	1,2	0 / 0,5	3,5
P1-295/K-1.4301/S	AISI 304L	Silicone	40	5	1,2	0 / 0,5	3,5
P1-295/K-1.4301/V	AISI 304L	VITON	40	5	1,2	0 / 0,5	3,5
P1-295/K/B-1.4404/E	AISI 316L	EPDM	40	5	1,2	0 / 0,5	3,5
P1-295/K/B-1.4404/N	AISI 316L	NBR	40	5	1,2	0 / 0,5	3,5
P1-295/K/B-1.4404/S	AISI 316L	Silicone	40	5	1,2	0 / 0,5	3,5
P1-295/K/B-1.4404/V	AISI 316L	Viton	40	5	1,2	0 / 0,5	3,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 1500 PED

**Rectangular manwaydoor model:** 1500  
**Dimensions:** 432 x 555 mm  
**Max working pressure:** 1 bar (model /E 0,6 bar)  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**on request:** MEC/150A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/1500  
**type:** on cover not glued  
**Model /E: standard handle** VI/165A  
**handwheel on request** MEC/150A  
 without PED  
**Certificates on request:** PED (not model /E)  
 EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1500-1.4301/E	AISI 304L	EPDM	60	12	3	0 / 1	24
P1-1500-1.4301/N	AISI 304L	NBR	60	12	3	0 / 1	24
P1-1500-1.4301/S	AISI 304L	Silicone	60	12	3	0 / 1	24
P1-1500-1.4301/V	AISI 304L	VITON	60	12	3	0 / 1	24

P1-1500/B-1.4404/E	AISI 316L	EPDM	60	12	3	0 / 1	24
P1-1500/B-1.4404/N	AISI 316L	NBR	60	12	3	0 / 1	24
P1-1500/B-1.4404/S	AISI 316L	Silicone	60	12	3	0 / 1	24
P1-1500/B-1.4404/V	AISI 316L	Viton	12	12	3	0 / 1	24

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1502-1.4301/E	AISI 304L	EPDM	100	12	3	0 / 1	27,2
P1-1502-1.4301/N	AISI 304L	NBR	100	12	3	0 / 1	27,2
P1-1502-1.4301/S	AISI 304L	Silicone	100	12	3	0 / 1	27,2
P1-1502-1.4301/V	AISI 304L	VITON	100	12	3	0 / 1	27,2

P1-1502/B-1.4404/E	AISI 316L	EPDM	100	12	3	0 / 1	27,2
P1-1502/B-1.4404/N	AISI 316L	NBR	100	12	3	0 / 1	27,2
P1-1502/B-1.4404/S	AISI 316L	Silicone	100	12	3	0 / 1	27,2
P1-1502/B-1.4404/V	AISI 316L	Viton	100	12	3	0 / 1	27,2

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1500/E-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,6	17,5
P1-1500/E-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,6	17,5
P1-1500/E-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,6	17,5
P1-1500/E-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,6	17,5

P1-1500/E/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 0,6	17,5
P1-1500/E/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,6	17,5
P1-1500/E/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,6	17,5
P1-1500/E/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,6	17,5

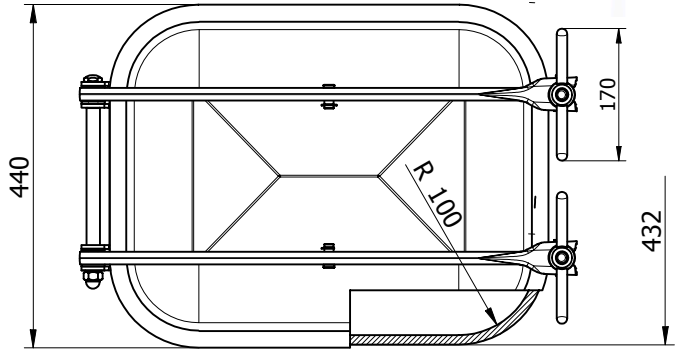
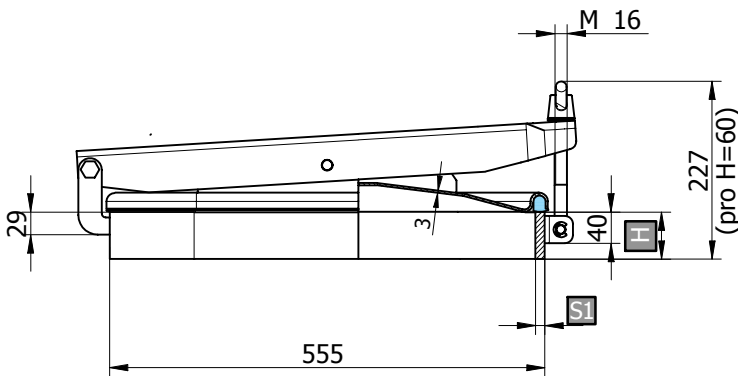
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1502/E-1.4301/E	AISI 304L	EPDM	100	8	2	0 / 0,6	19,7
P1-1502/E-1.4301/N	AISI 304L	NBR	100	8	2	0 / 0,6	19,7
P1-1502/E-1.4301/S	AISI 304L	Silicone	100	8	2	0 / 0,6	19,7
P1-1502/E-1.4301/V	AISI 304L	VITON	100	8	2	0 / 0,6	19,7

P1-1502/E/B-1.4404/E	AISI 316L	EPDM	100	8	2	0 / 0,6	19,7
P1-1502/E/B-1.4404/N	AISI 316L	NBR	100	8	2	0 / 0,6	19,7
P1-1502/E/B-1.4404/S	AISI 316L	Silicone	100	8	2	0 / 0,6	19,7
P1-1502/E/B-1.4404/V	AISI 316L	Viton	100	8	2	0 / 0,6	19,7

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 1600 PED

**Rectangular manwaydoor model:** 1600  
**Dimensions:** 555 x 432 mm  
**Max working pressure:** 0,8 bar (model /E 0,5 bar)  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**on request:** MEC/150A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/1500  
**type:** on cover not glued  
**Model /E handwheel:** VI/165A  
**without PED**  
**Certificates on request:** PED (not model /E)  
 EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1600-1.4301/E	AISI 304L	EPDM	60	12	3	0,8	24
P1-1600-1.4301/N	AISI 304L	NBR	60	12	3	0,8	24
P1-1600-1.4301/S	AISI 304L	Silicone	60	12	3	0,8	24
P1-1600-1.4301/V	AISI 304L	VITON	60	12	3	0,8	24
P1-1600/B-1.4404/E	AISI 316L	EPDM	60	12	3	0,8	24
P1-1600/B-1.4404/N	AISI 316L	NBR	60	12	3	0,8	24
P1-1600/B-1.4404/S	AISI 316L	Silicone	60	12	3	0,8	24
P1-1600/B-1.4404/V	AISI 316L	Viton	12	12	3	0,8	24

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1600/E-1.4301/E	AISI 304L	EPDM	60	8	3	0,5	17,5
P1-1600/E-1.4301/N	AISI 304L	NBR	60	8	3	0,5	17,5
P1-1600/E-1.4301/S	AISI 304L	Silicone	60	8	3	0,5	17,5
P1-1600/E-1.4301/V	AISI 304L	VITON	60	8	3	0,5	17,5
P1-1600/E/B-1.4404/E	AISI 316L	EPDM	60	8	3	0,5	17,5
P1-1600/E/B-1.4404/N	AISI 316L	NBR	60	8	3	0,5	17,5
P1-1600/E/B-1.4404/S	AISI 316L	Silicone	60	8	3	0,5	17,5
P1-1600/E/B-1.4404/V	AISI 316L	Viton	60	8	3	0,5	17,5

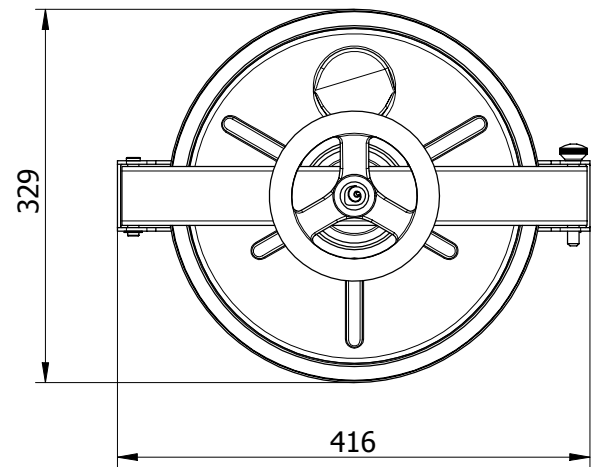
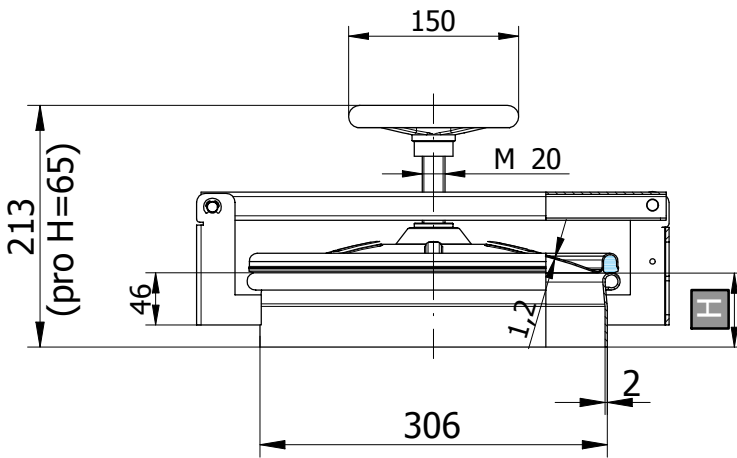
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1602-1.4301/E	AISI 304L	EPDM	100	12	3	0,8	27,2
P1-1602-1.4301/N	AISI 304L	NBR	100	12	3	0,8	27,2
P1-1602-1.4301/S	AISI 304L	Silicone	100	12	3	0,8	27,2
P1-1602-1.4301/V	AISI 304L	VITON	100	12	3	0,8	27,2
P1-1602/B-1.4404/E	AISI 316L	EPDM	100	12	3	0,8	27,2
P1-1602/B-1.4404/N	AISI 316L	NBR	100	12	3	0,8	27,2
P1-1602/B-1.4404/S	AISI 316L	Silicone	100	12	3	0,8	27,2
P1-1602/B-1.4404/V	AISI 316L	Viton	100	12	3	0,8	27,2

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-1602/E-1.4301/E	AISI 304L	EPDM	100	8	3	0,5	19,7
P1-1602/E-1.4301/N	AISI 304L	NBR	100	8	3	0,5	19,7
P1-1602/E-1.4301/S	AISI 304L	Silicone	100	8	3	0,5	19,7
P1-1602/E-1.4301/V	AISI 304L	VITON	100	8	3	0,5	19,7
P1-1602/E/B-1.4404/E	AISI 316L	EPDM	100	8	3	0,5	19,7
P1-1602/E/B-1.4404/N	AISI 316L	NBR	100	8	3	0,5	19,7
P1-1602/E/B-1.4404/S	AISI 316L	Silicone	100	8	3	0,5	19,7
P1-1602/E/B-1.4404/V	AISI 316L	Viton	100	8	3	0,5	19,7

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



**Round manwaydoor model:** 210  
**Dimensions:** Ø 306 mm  
**Max working pressure:** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/151  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR300  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-210-1.4301/E	AISI 304L	EPDM	65	2	1,2	0 / 0,2	3,6
P1-210-1.4301/N	AISI 304L	NBR	65	2	1,2	0 / 0,2	3,6
P1-210-1.4301/S	AISI 304L	Silicone	65	2	1,2	0 / 0,2	3,6
P1-210-1.4301/V	AISI 304L	VITON	65	2	1,2	0 / 0,2	3,6

P1-210/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0 / 0,2	3,6
P1-210/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0 / 0,2	3,6
P1-210/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0 / 0,2	3,6
P1-210/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0 / 0,2	3,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-212-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,2	4,6
P1-212-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,2	4,6
P1-212-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,2	4,6
P1-212-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,2	4,6

P1-212/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,2	4,6
P1-212/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,2	4,6
P1-212/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,2	4,6
P1-212/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,2	4,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-211-1.4301/E	AISI 304L	EPDM	100	2	1,2	0 / 0,2	4
P1-211-1.4301/N	AISI 304L	NBR	100	2	1,2	0 / 0,2	4
P1-211-1.4301/S	AISI 304L	Silicone	100	2	1,2	0 / 0,2	4
P1-211-1.4301/V	AISI 304L	VITON	100	2	1,2	0 / 0,2	4

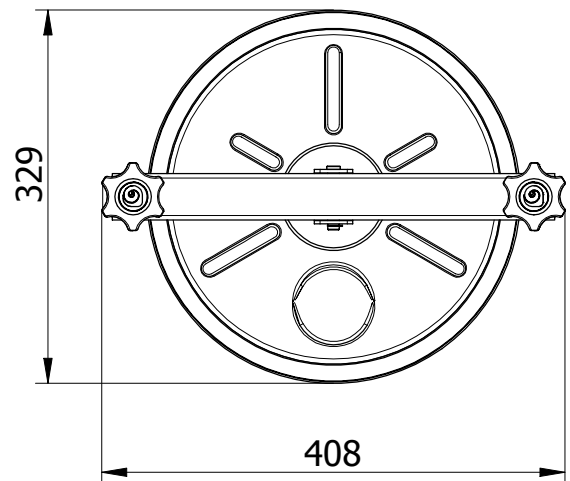
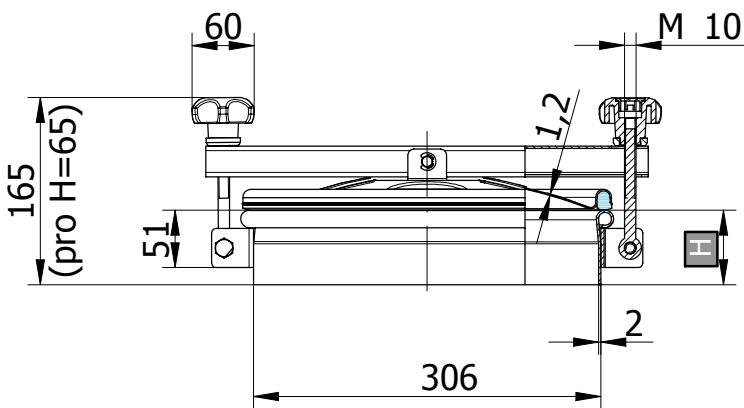
P1-211/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0 / 0,2	4
P1-211/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0 / 0,2	4
P1-211/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0 / 0,2	4
P1-211/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0 / 0,2	4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-213-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,2	5,1
P1-213-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,2	5,1
P1-213-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,2	5,1
P1-213-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,2	5,1

P1-213/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,2	5,1
P1-213/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,2	5,1
P1-213/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,2	5,1
P1-213/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,2	5,1

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manwaydoor model:** 215  
**Dimensions:** Ø 306 mm  
**Max working pressure:** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR300  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-215-1.4301/E	AISI 304L	EPDM	65	2	1,2	0 / 0,2	3,6
P1-215-1.4301/N	AISI 304L	NBR	65	2	1,2	0 / 0,2	3,6
P1-215-1.4301/S	AISI 304L	Silicone	65	2	1,2	0 / 0,2	3,6
P1-215-1.4301/V	AISI 304L	VITON	65	2	1,2	0 / 0,2	3,6

P1-215/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0 / 0,2	3,6
P1-215/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0 / 0,2	3,6
P1-215/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0 / 0,2	3,6
P1-215/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0 / 0,2	3,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-217-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,2	4,6
P1-217-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,2	4,6
P1-217-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,2	4,6
P1-217-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,2	4,6

P1-217/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,2	4,6
P1-217/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,2	4,6
P1-217/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,2	4,6
P1-217/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,2	4,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-216-1.4301/E	AISI 304L	EPDM	100	2	1,2	0 / 0,2	4
P1-216-1.4301/N	AISI 304L	NBR	100	2	1,2	0 / 0,2	4
P1-216-1.4301/S	AISI 304L	Silicone	100	2	1,2	0 / 0,2	4
P1-216-1.4301/V	AISI 304L	VITON	100	2	1,2	0 / 0,2	4

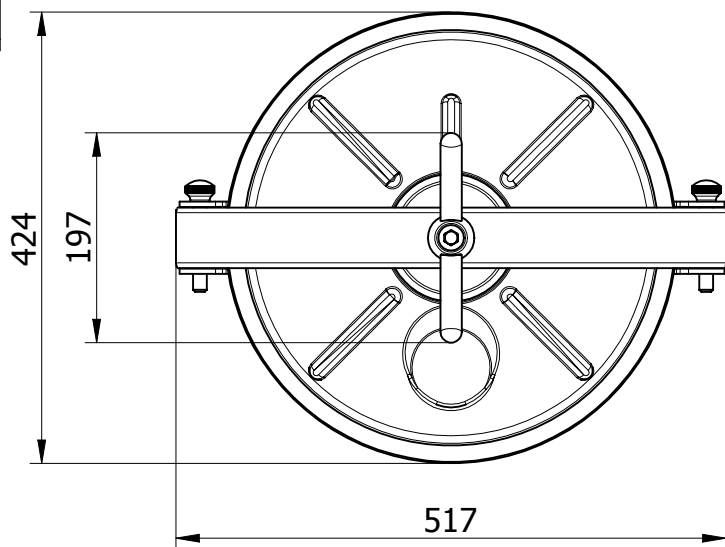
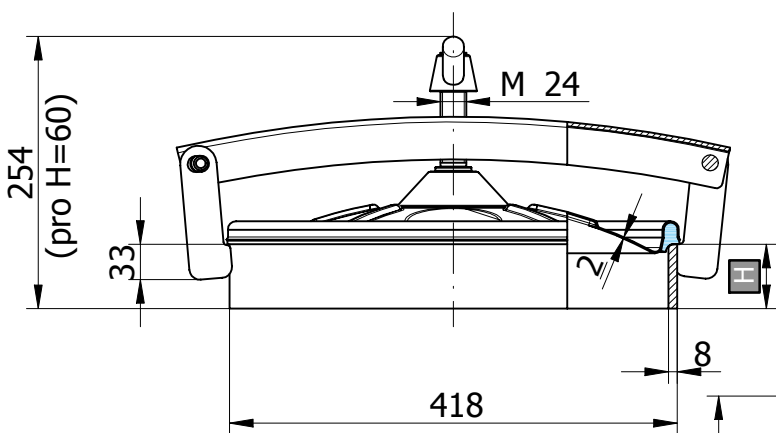
P1-216/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0 / 0,2	4
P1-216/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0 / 0,2	4
P1-216/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0 / 0,2	4
P1-216/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0 / 0,2	4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-218-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,2	5,1
P1-218-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,2	5,1
P1-218-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,2	5,1
P1-218-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,2	5,1

P1-218/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,2	5,1
P1-218/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,2	5,1
P1-218/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,2	5,1
P1-218/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,2	5,1

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manwaydoor model:** 220  
**Dimensions:** Ø 418 mm  
**Max working pressure:** 0,6 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** VI/200  
                   **on request:** MEC/200  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/AE  
                   **type:** on cover not glued  
**Standard with stainless steel drip, on request without**  
**Certificates on request:** EN 10204 3.1, FDA



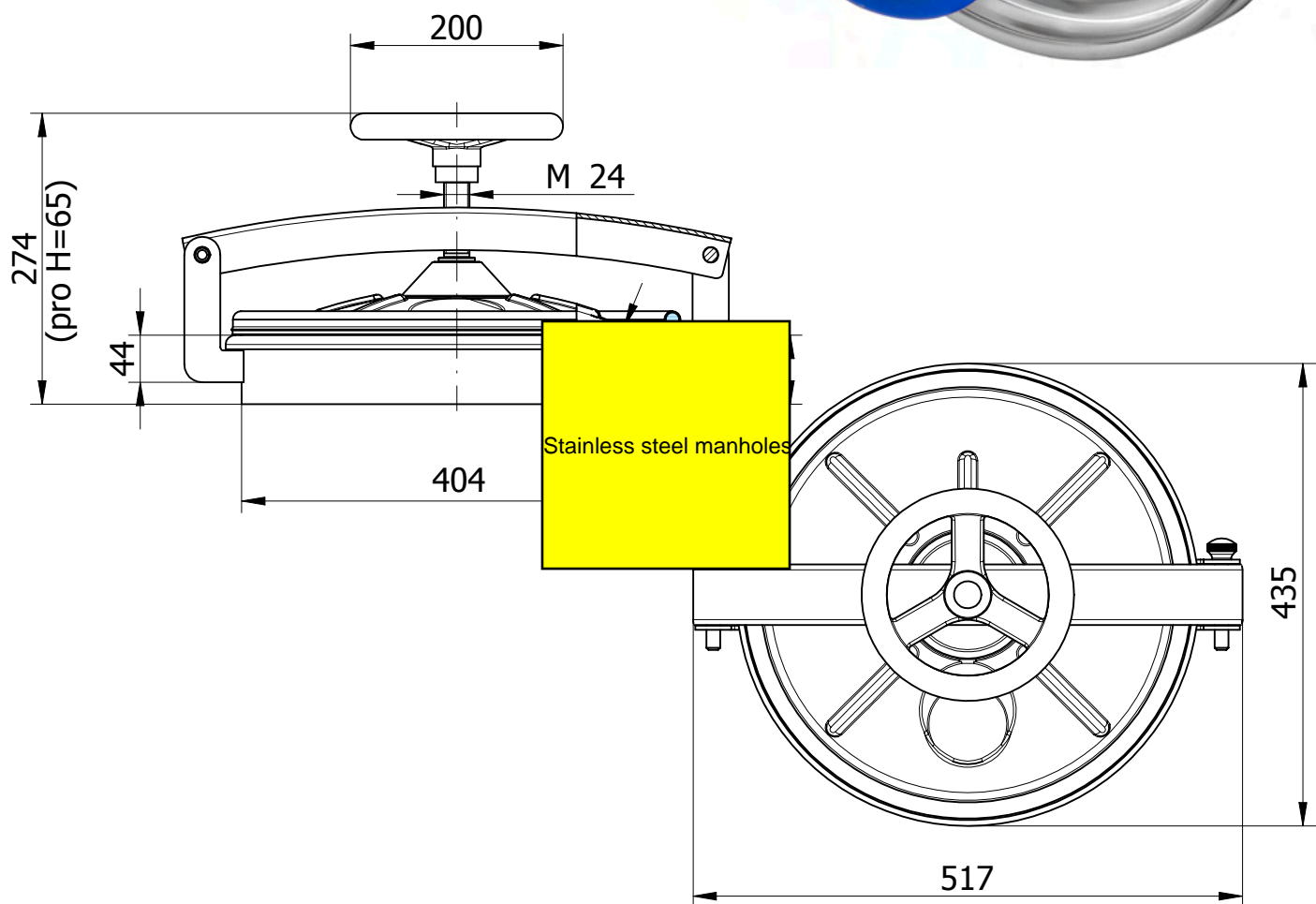
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-220-1.4301/E	AISI 304L	EPDM	60	8	2	0 / 0,6	11,8
P1-220-1.4301/N	AISI 304L	NBR	60	8	2	0 / 0,6	11,8
P1-220-1.4301/S	AISI 304L	Silicone	60	8	2	0 / 0,6	11,8
P1-220-1.4301/V	AISI 304L	VITON	60	8	2	0 / 0,6	11,8
P1-220/B-1.4404/E	AISI 316L	EPDM	60	8	2	0 / 0,6	11,8
P1-220/B-1.4404/N	AISI 316L	NBR	60	8	2	0 / 0,6	11,8
P1-220/B-1.4404/S	AISI 316L	Silicone	60	8	2	0 / 0,6	11,8
P1-220/B-1.4404/V	AISI 316L	Viton	60	8	2	0 / 0,6	11,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-222-1.4301/E	AISI 304L	EPDM	80	8	2	0 / 0,6	13,8
P1-222-1.4301/N	AISI 304L	NBR	80	8	2	0 / 0,6	13,8
P1-222-1.4301/S	AISI 304L	Silicone	80	8	2	0 / 0,6	13,8
P1-222-1.4301/V	AISI 304L	VITON	80	8	2	0 / 0,6	13,8
P1-222/B-1.4404/E	AISI 316L	EPDM	80	8	2	0 / 0,6	13,8
P1-222/B-1.4404/N	AISI 316L	NBR	80	8	2	0 / 0,6	13,8
P1-222/B-1.4404/S	AISI 316L	Silicone	80	8	2	0 / 0,6	13,8
P1-222/B-1.4404/V	AISI 316L	Viton	80	8	2	0 / 0,6	13,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 220/E

**Round manwaydoor model:** 220/E  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/200  
**on request:** VI/200  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/AE  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



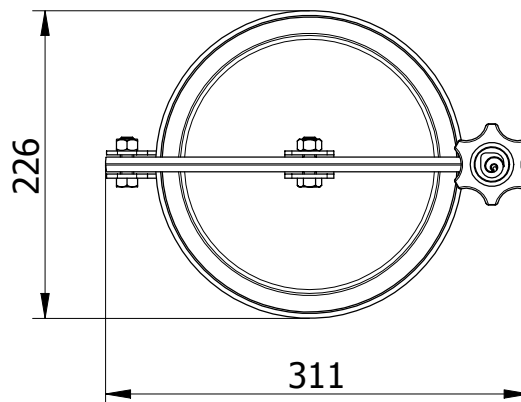
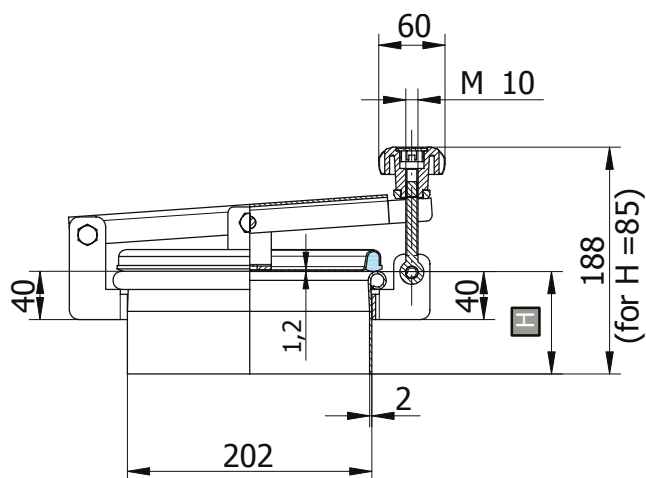
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-220/E-1.4301/E	AISI 304L	EPDM	65	3	1,2	0 / 0,1	9
P1-220/E-1.4301/N	AISI 304L	NBR	65	3	1,2	0 / 0,1	9
P1-220/E-1.4301/S	AISI 304L	Silicone	65	3	1,2	0 / 0,1	9
P1-220/E-1.4301/V	AISI 304L	VITON	65	3	1,2	0 / 0,1	9
P1-220/E/B-1.4404/E	AISI 316L	EPDM	65	3	1,2	0 / 0,1	9
P1-220/E/B-1.4404/N	AISI 316L	NBR	65	3	1,2	0 / 0,1	9
P1-220/E/B-1.4404/S	AISI 316L	Silicone	65	3	1,2	0 / 0,1	9
P1-220/E/B-1.4404/V	AISI 316L	Viton	65	3	1,2	0 / 0,1	9

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-222/E-1.4301/E	AISI 304L	EPDM	100	3	1,2	0 / 0,1	10
P1-222/E-1.4301/N	AISI 304L	NBR	100	3	1,2	0 / 0,1	10
P1-222/E-1.4301/S	AISI 304L	Silicone	100	3	1,2	0 / 0,1	10
P1-222/E-1.4301/V	AISI 304L	VITON	100	3	1,2	0 / 0,1	10
P1-222/E/B-1.4404/E	AISI 316L	EPDM	100	3	1,2	0 / 0,1	10
P1-222/E/B-1.4404/N	AISI 316L	NBR	100	3	1,2	0 / 0,1	10
P1-222/E/B-1.4404/S	AISI 316L	Silicone	100	3	1,2	0 / 0,1	10
P1-222/E/B-1.4404/V	AISI 316L	Viton	100	3	1,2	0 / 0,1	10

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



**Round manhole cover model:** 230  
**Dimensions:** Ø 202 mm  
**Max working pressure:** 0,4 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295, MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/P200  
**type:** on cover not glued  
**On request:** side-swing and back-side opening hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



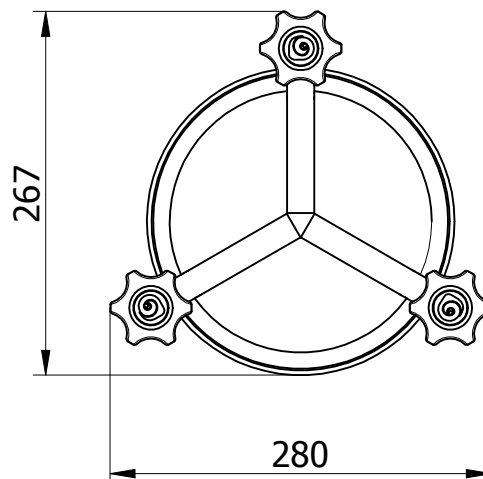
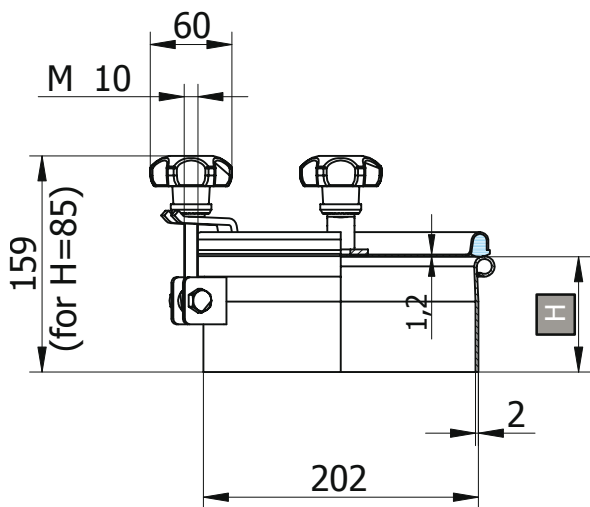
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-230-1.4301/E	AISI 304L	EPDM	85	2	1,2	0 / 0,4	2,4
P1-230-1.4301/N	AISI 304L	NBR	85	2	1,2	0 / 0,4	2,4
P1-230-1.4301/S	AISI 304L	Silicone	85	2	1,2	0 / 0,4	2,4
P1-230-1.4301/V	AISI 304L	VITON	85	2	1,2	0 / 0,4	2,4
P1-230/B-1.4404/E	AISI 316L	EPDM	85	2	1,2	0 / 0,4	2,4
P1-230/B-1.4404/N	AISI 316L	NBR	85	2	1,2	0 / 0,4	2,4
P1-230/B-1.4404/S	AISI 316L	Silicone	85	2	1,2	0 / 0,4	2,4
P1-230/B-1.4404/V	AISI 316L	Viton	85	2	1,2	0 / 0,4	2,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-231-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,4	3
P1-231-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,4	3
P1-231-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,4	3
P1-231-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,4	3
P1-231/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,4	3
P1-231/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,4	3
P1-231/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,4	3
P1-231/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,4	3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-232-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,4	3,5
P1-232-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,4	3,5
P1-232-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,4	3,5
P1-232-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,4	3,5
P1-232/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,4	3,5
P1-232/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,4	3,5
P1-232/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,4	3,5
P1-232/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,4	3,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manhole cover model:** 235  
**Dimensions:** Ø 202 mm  
**Max working pressure:** 0,6 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/P200  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



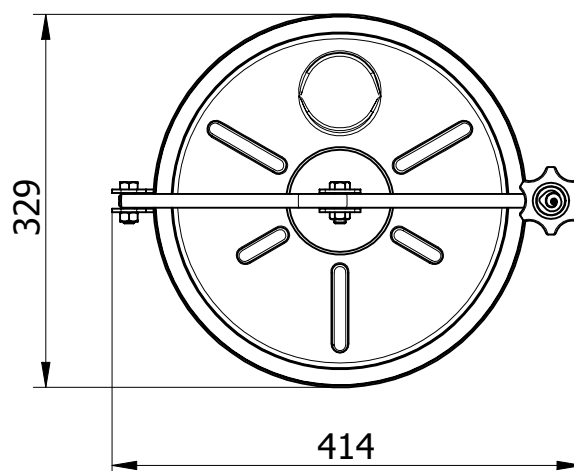
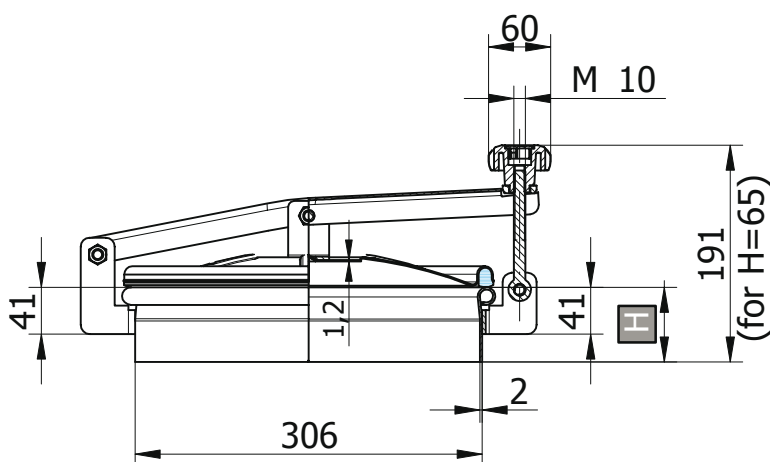
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-235-1.4301/E	AISI 304L	EPDM	85	2	1,2	0 / 0,6	3
P1-235-1.4301/N	AISI 304L	NBR	85	2	1,2	0 / 0,6	3
P1-235-1.4301/S	AISI 304L	Silicone	85	2	1,2	0 / 0,6	3
P1-235-1.4301/V	AISI 304L	VITON	85	2	1,2	0 / 0,6	3
P1-235/B-1.4404/E	AISI 316L	EPDM	85	2	1,2	0 / 0,6	3
P1-235/B-1.4404/N	AISI 316L	NBR	85	2	1,2	0 / 0,6	3
P1-235/B-1.4404/S	AISI 316L	Silicone	85	2	1,2	0 / 0,6	3
P1-235/B-1.4404/V	AISI 316L	Viton	85	2	1,2	0 / 0,6	3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-236-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,6	3,5
P1-236-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,6	3,5
P1-236-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,6	3,5
P1-236-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,6	3,5
P1-236/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,6	3,5
P1-236/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,6	3,5
P1-236/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,6	3,5
P1-236/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,6	3,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-237-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,6	3,8
P1-237-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,6	3,8
P1-237-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,6	3,8
P1-237-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,6	3,8
P1-237/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,6	3,8
P1-237/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,6	3,8
P1-237/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,6	3,8
P1-237/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,6	3,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manhole cover model:** 240  
**Dimensions:** Ø 306 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295, MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR300  
**type:** on cover not glued  
**On request:** side-swing and back-side opening hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-240-1.4301/E	AISI 304L	EPDM	65	2	1,2	0 / 0,1	3,3
P1-240-1.4301/N	AISI 304L	NBR	65	2	1,2	0 / 0,1	3,3
P1-240-1.4301/S	AISI 304L	Silicone	65	2	1,2	0 / 0,1	3,3
P1-240-1.4301/V	AISI 304L	VITON	65	2	1,2	0 / 0,1	3,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-241-1.4301/E	AISI 304L	EPDM	100	2	1,2	0 / 0,1	3,7
P1-241-1.4301/N	AISI 304L	NBR	100	2	1,2	0 / 0,1	3,7
P1-241-1.4301/S	AISI 304L	Silicone	100	2	1,2	0 / 0,1	3,7
P1-241-1.4301/V	AISI 304L	VITON	100	2	1,2	0 / 0,1	3,7

P1-240/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0 / 0,1	3,3
P1-240/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0 / 0,1	3,3
P1-240/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0 / 0,1	3,3
P1-240/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0 / 0,1	3,3

P1-241/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0 / 0,1	3,7
P1-241/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0 / 0,1	3,7
P1-241/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0 / 0,1	3,7
P1-241/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0 / 0,1	3,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-242-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,1	4,3
P1-242-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,1	4,3
P1-242-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,1	4,3
P1-242-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,1	4,3

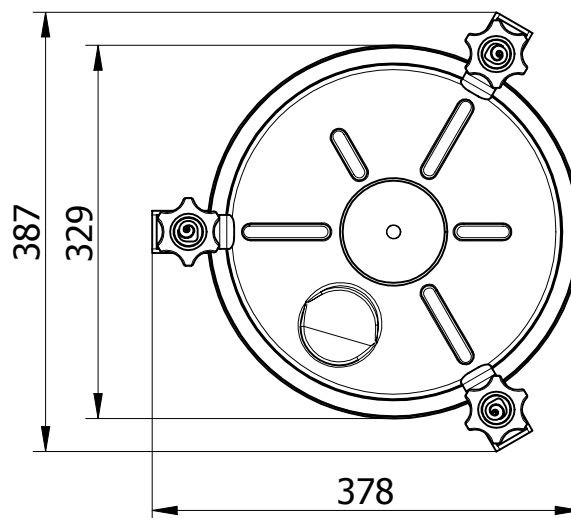
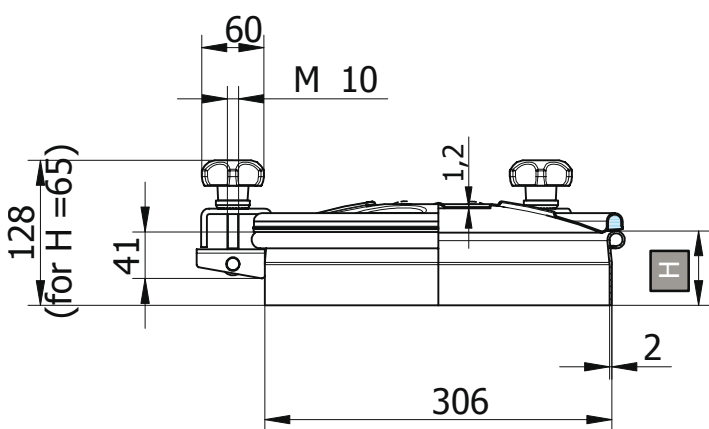
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-243-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,1	4,8
P1-243-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,1	4,8
P1-243-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,1	4,8
P1-243-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,1	4,8

P1-242/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,1	4,3
P1-242/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,1	4,3
P1-242/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,1	4,3
P1-242/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,1	4,3

P1-243/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,1	4,8
P1-243/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,1	4,8
P1-243/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,1	4,8
P1-243/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,1	4,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manhole cover model:** 245  
**Dimensions:** Ø 306 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR300  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-245-1.4301/E	AISI 304L	EPDM	65	2	1,2	0 / 0,1	3,2
P1-245-1.4301/N	AISI 304L	NBR	65	2	1,2	0 / 0,1	3,2
P1-245-1.4301/S	AISI 304L	Silicone	65	2	1,2	0 / 0,1	3,2
P1-245-1.4301/V	AISI 304L	VITON	65	2	1,2	0 / 0,1	3,2

P1-245/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0 / 0,1	3,2
P1-245/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0 / 0,1	3,2
P1-245/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0 / 0,1	3,2
P1-245/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0 / 0,1	3,2

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-247-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,1	4,6
P1-247-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,1	4,6
P1-247-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,1	4,6
P1-247-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,1	4,6

P1-247/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,1	4,6
P1-247/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,1	4,6
P1-247/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,1	4,6
P1-247/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,1	4,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-246-1.4301/E	AISI 304L	EPDM	100	2	1,2	0 / 0,1	3,8
P1-246-1.4301/N	AISI 304L	NBR	100	2	1,2	0 / 0,1	3,8
P1-246-1.4301/S	AISI 304L	Silicone	100	2	1,2	0 / 0,1	3,8
P1-246-1.4301/V	AISI 304L	VITON	100	2	1,2	0 / 0,1	3,8

P1-246/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0 / 0,1	3,8
P1-246/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0 / 0,1	3,8
P1-246/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0 / 0,1	3,8
P1-246/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0 / 0,1	3,8

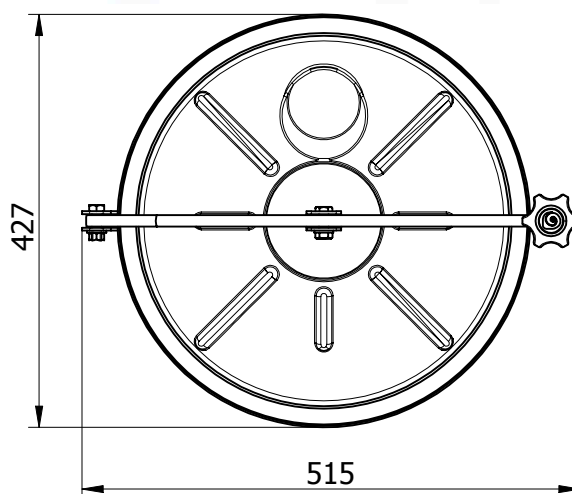
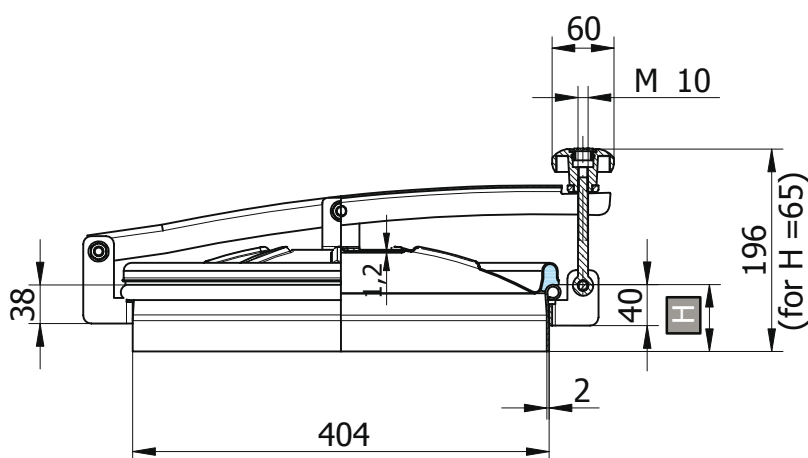
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-248-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,1	5,4
P1-248-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,1	5,4
P1-248-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,1	5,4
P1-248-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,1	5,4

P1-248/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,1	5,4
P1-248/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,1	5,4
P1-248/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,1	5,4
P1-248/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,1	5,4

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



**Round manhole cover model:** 250  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295, MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/AE  
**type:** on cover not glued  
**On request:** side-swing and back-side opening hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-250-1.4301/E	AISI 304L	EPDM	65	2	1,2	0,0	4,8
P1-250-1.4301/N	AISI 304L	NBR	65	2	1,2	0,0	4,8
P1-250-1.4301/S	AISI 304L	Silicone	65	2	1,2	0,0	4,8
P1-250-1.4301/V	AISI 304L	VITON	65	2	1,2	0,0	4,8

P1-250/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0,0	4,8
P1-250/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0,0	4,8
P1-250/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0,0	4,8
P1-250/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0,0	4,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-252-1.4301/E	AISI 304L	EPDM	150	2	1,2	0,0	6,2
P1-252-1.4301/N	AISI 304L	NBR	150	2	1,2	0,0	6,2
P1-252-1.4301/S	AISI 304L	Silicone	150	2	1,2	0,0	6,2
P1-252-1.4301/V	AISI 304L	VITON	150	2	1,2	0,0	6,2

P1-252/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0,0	6,2
P1-252/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0,0	6,2
P1-252/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0,0	6,2
P1-252/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0,0	6,2

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-251-1.4301/E	AISI 304L	EPDM	100	2	1,2	0,0	5,4
P1-251-1.4301/N	AISI 304L	NBR	100	2	1,2	0,0	5,4
P1-251-1.4301/S	AISI 304L	Silicone	100	2	1,2	0,0	5,4
P1-251-1.4301/V	AISI 304L	VITON	100	2	1,2	0,0	5,4

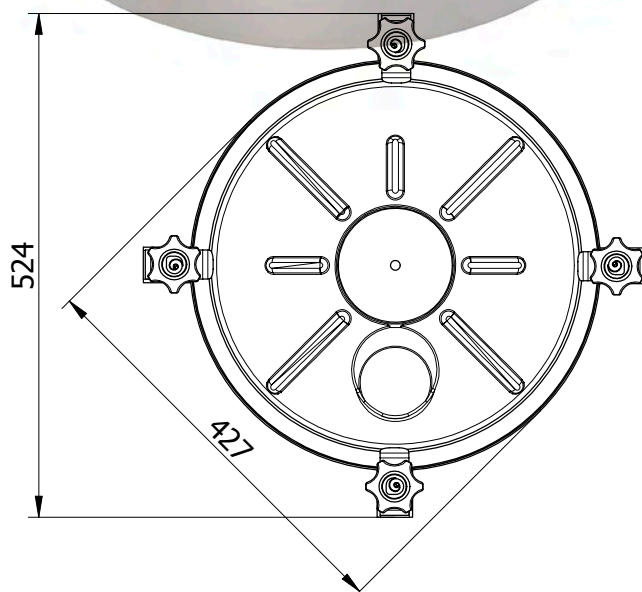
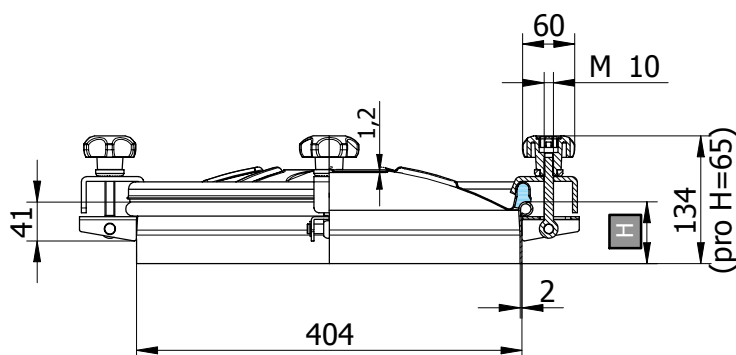
P1-251/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0,0	5,4
P1-251/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0,0	5,4
P1-251/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0,0	5,4
P1-251/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0,0	5,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-253-1.4301/E	AISI 304L	EPDM	200	2	1,2	0,0	7,2
P1-253-1.4301/N	AISI 304L	NBR	200	2	1,2	0,0	7,2
P1-253-1.4301/S	AISI 304L	Silicone	200	2	1,2	0,0	7,2
P1-253-1.4301/V	AISI 304L	VITON	200	2	1,2	0,0	7,2

P1-253/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0,0	7,2
P1-253/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0,0	7,2
P1-253/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0,0	7,2
P1-253/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0,0	7,2

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manhole cover model:** 255  
**Dimensions:** Ø 404 mm  
**Max working pressure** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel** **standard:** MEC/60  
**on request:** VI/295  
**Gasket** **standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/AE  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-255-1.4301/E	AISI 304L	EPDM	65	2	1,2	0 / 0,2	5
P1-255-1.4301/N	AISI 304L	NBR	65	2	1,2	0 / 0,2	5
P1-255-1.4301/S	AISI 304L	Silicone	65	2	1,2	0 / 0,2	5
P1-255-1.4301/V	AISI 304L	VITON	65	2	1,2	0 / 0,2	5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-256-1.4301/E	AISI 304L	EPDM	100	2	1,2	0 / 0,2	5,8
P1-256-1.4301/N	AISI 304L	NBR	100	2	1,2	0 / 0,2	5,8
P1-256-1.4301/S	AISI 304L	Silicone	100	2	1,2	0 / 0,2	5,8
P1-256-1.4301/V	AISI 304L	VITON	100	2	1,2	0 / 0,2	5,8

P1-255/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0 / 0,2	5
P1-255/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0 / 0,2	5
P1-255/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0 / 0,2	5
P1-255/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0 / 0,2	5

P1-256/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0 / 0,2	5,8
P1-256/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0 / 0,2	5,8
P1-256/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0 / 0,2	5,8
P1-256/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0 / 0,2	5,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-257-1.4301/E	AISI 304L	EPDM	150	2	1,2	0 / 0,2	7
P1-257-1.4301/N	AISI 304L	NBR	150	2	1,2	0 / 0,2	7
P1-257-1.4301/S	AISI 304L	Silicone	150	2	1,2	0 / 0,2	7
P1-257-1.4301/V	AISI 304L	VITON	150	2	1,2	0 / 0,2	7

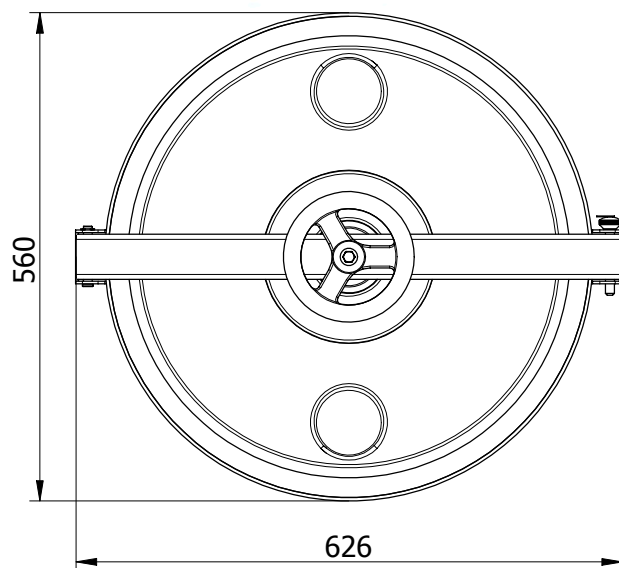
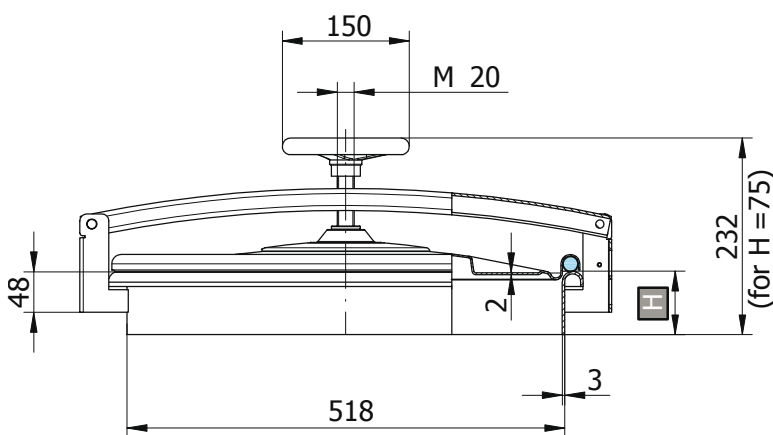
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-258-1.4301/E	AISI 304L	EPDM	200	2	1,2	0 / 0,2	8,2
P1-258-1.4301/N	AISI 304L	NBR	200	2	1,2	0 / 0,2	8,2
P1-258-1.4301/S	AISI 304L	Silicone	200	2	1,2	0 / 0,2	8,2
P1-258-1.4301/V	AISI 304L	VITON	200	2	1,2	0 / 0,2	8,2

P1-257/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0 / 0,2	7
P1-257/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0 / 0,2	7
P1-257/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0 / 0,2	7
P1-257/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0 / 0,2	7

P1-258/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0 / 0,2	8,2
P1-258/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0 / 0,2	8,2
P1-258/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0 / 0,2	8,2
P1-258/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0 / 0,2	8,2

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manhole cover model:** 270  
**Dimensions:** Ø 518 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/151  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR500  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-270-1.4301/E	AISI 304L	EPDM	75	3	2	0,0	12
P1-270-1.4301/N	AISI 304L	NBR	75	3	2	0,0	12
P1-270-1.4301/S	AISI 304L	Silicone	75	3	2	0,0	12
P1-270-1.4301/V	AISI 304L	VITON	75	3	2	0,0	12

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-271-1.4301/E	AISI 304L	EPDM	100	3	2	0,0	13,0
P1-271-1.4301/N	AISI 304L	NBR	100	3	2	0,0	13,0
P1-271-1.4301/S	AISI 304L	Silicone	100	3	2	0,0	13,0
P1-271-1.4301/V	AISI 304L	VITON	100	3	2	0,0	13,0

P1-270/B-1.4404/E	AISI 316L	EPDM	75	3	2	0,0	12
P1-270/B-1.4404/N	AISI 316L	NBR	75	3	2	0,0	12
P1-270/B-1.4404/S	AISI 316L	Silicone	75	3	2	0,0	12
P1-270/B-1.4404/V	AISI 316L	Viton	75	3	2	0,0	12

P1-271/B-1.4404/E	AISI 316L	EPDM	100	3	2	0,0	13,0
P1-271/B-1.4404/N	AISI 316L	NBR	100	3	2	0,0	13,0
P1-271/B-1.4404/S	AISI 316L	Silicone	100	3	2	0,0	13,0
P1-271/B-1.4404/V	AISI 316L	Viton	100	3	2	0,0	13,0

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-272-1.4301/E	AISI 304L	EPDM	150	3	2	0,0	15,3
P1-272-1.4301/N	AISI 304L	NBR	150	3	2	0,0	15,3
P1-272-1.4301/S	AISI 304L	Silicone	150	3	2	0,0	15,3
P1-272-1.4301/V	AISI 304L	VITON	150	3	2	0,0	15,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-273-1.4301/E	AISI 304L	EPDM	200	3	2	0,0	17,5
P1-273-1.4301/N	AISI 304L	NBR	200	3	2	0,0	17,5
P1-273-1.4301/S	AISI 304L	Silicone	200	3	2	0,0	17,5
P1-273-1.4301/V	AISI 304L	VITON	200	3	2	0,0	17,5

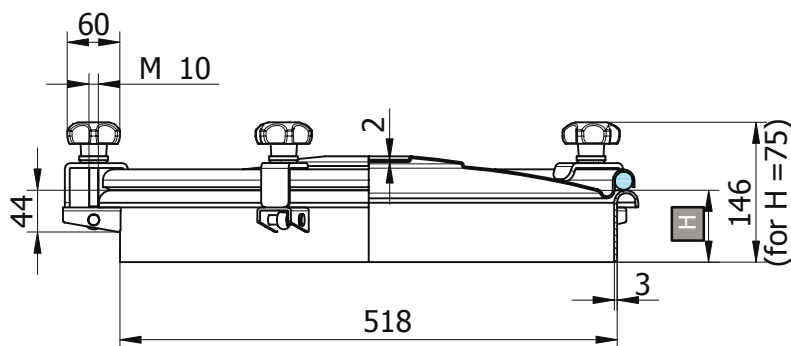
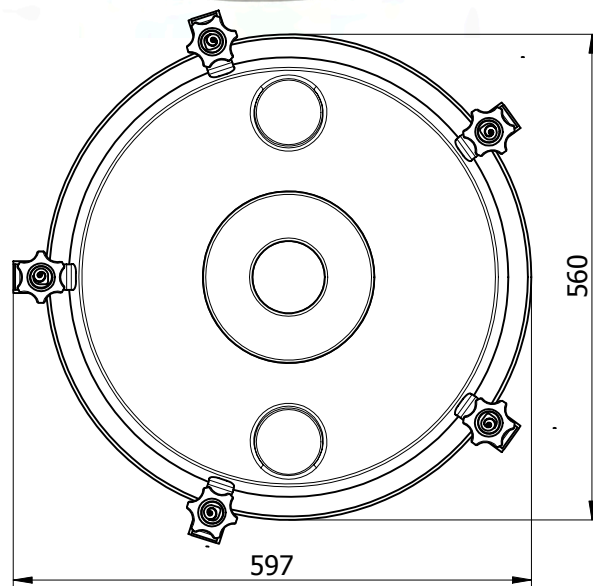
P1-272/B-1.4404/E	AISI 316L	EPDM	150	3	2	0,0	15,3
P1-272/B-1.4404/N	AISI 316L	NBR	150	3	2	0,0	15,3
P1-272/B-1.4404/S	AISI 316L	Silicone	150	3	2	0,0	15,3
P1-272/B-1.4404/V	AISI 316L	Viton	150	3	2	0,0	15,3

P1-273/B-1.4404/E	AISI 316L	EPDM	200	3	2	0,0	17,5
P1-273/B-1.4404/N	AISI 316L	NBR	200	3	2	0,0	17,5
P1-273/B-1.4404/S	AISI 316L	Silicone	200	3	2	0,0	17,5
P1-273/B-1.4404/V	AISI 316L	Viton	200	3	2	0,0	17,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

**Round manhole cover model:**

**Dimensions:** 275  
 Ø 518 mm  
**Max working pressure:** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR500  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-275-1.4301/E	AISI 304L	EPDM	75	3	2	0 / 0,2	10,7
P1-275-1.4301/N	AISI 304L	NBR	75	3	2	0 / 0,2	10,7
P1-275-1.4301/S	AISI 304L	Silicone	75	3	2	0 / 0,2	10,7
P1-275-1.4301/V	AISI 304L	VITON	75	3	2	0 / 0,2	10,7

P1-275/B-1.4404/E	AISI 316L	EPDM	75	3	2	0 / 0,2	10,7
P1-275/B-1.4404/N	AISI 316L	NBR	75	3	2	0 / 0,2	10,7
P1-275/B-1.4404/S	AISI 316L	Silicone	75	3	2	0 / 0,2	10,7
P1-275/B-1.4404/V	AISI 316L	Viton	75	3	2	0 / 0,2	10,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-277-1.4301/E	AISI 304L	EPDM	150	3	2	0 / 0,2	13,6
P1-277-1.4301/N	AISI 304L	NBR	150	3	2	0 / 0,2	13,6
P1-277-1.4301/S	AISI 304L	Silicone	150	3	2	0 / 0,2	13,6
P1-277-1.4301/V	AISI 304L	VITON	150	3	2	0 / 0,2	13,6

P1-277/B-1.4404/E	AISI 316L	EPDM	150	3	2	0 / 0,2	13,6
P1-277/B-1.4404/N	AISI 316L	NBR	150	3	2	0 / 0,2	13,6
P1-277/B-1.4404/S	AISI 316L	Silicone	150	3	2	0 / 0,2	13,6
P1-277/B-1.4404/V	AISI 316L	Viton	150	3	2	0 / 0,2	13,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-276-1.4301/E	AISI 304L	EPDM	100	3	2	0 / 0,2	11,8
P1-276-1.4301/N	AISI 304L	NBR	100	3	2	0 / 0,2	11,8
P1-276-1.4301/S	AISI 304L	Silicone	100	3	2	0 / 0,2	11,8
P1-276-1.4301/V	AISI 304L	VITON	100	3	2	0 / 0,2	11,8

P1-276/B-1.4404/E	AISI 316L	EPDM	100	3	2	0 / 0,2	11,8
P1-276/B-1.4404/N	AISI 316L	NBR	100	3	2	0 / 0,2	11,8
P1-276/B-1.4404/S	AISI 316L	Silicone	100	3	2	0 / 0,2	11,8
P1-276/B-1.4404/V	AISI 316L	Viton	100	3	2	0 / 0,2	11,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-278-1.4301/E	AISI 304L	EPDM	200	3	2	0 / 0,2	15,4
P1-278-1.4301/N	AISI 304L	NBR	200	3	2	0 / 0,2	15,4
P1-278-1.4301/S	AISI 304L	Silicone	200	3	2	0 / 0,2	15,4
P1-278-1.4301/V	AISI 304L	VITON	200	3	2	0 / 0,2	15,4

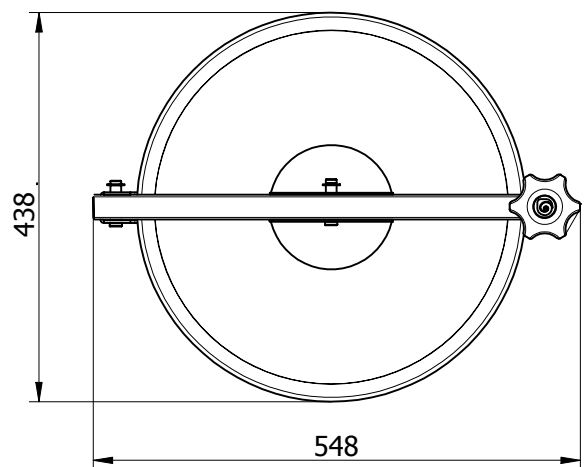
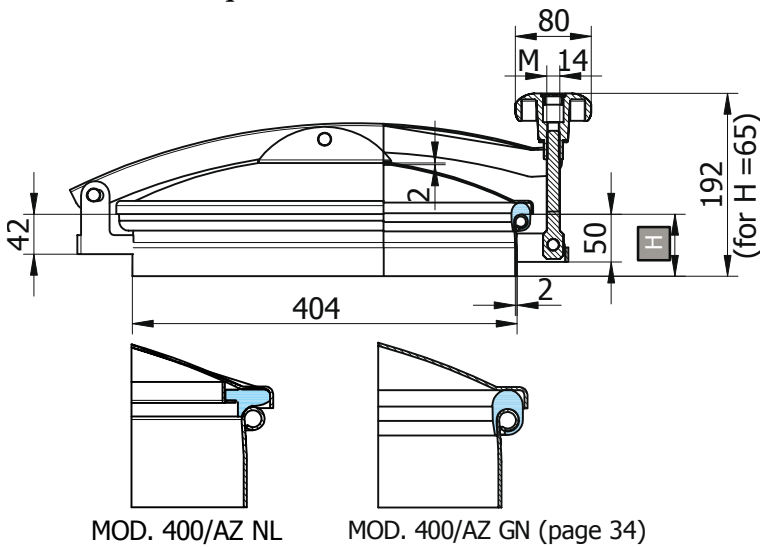
P1-278/B-1.4404/E	AISI 316L	EPDM	200	3	2	0 / 0,2	15,4
P1-278/B-1.4404/N	AISI 316L	NBR	200	3	2	0 / 0,2	15,4
P1-278/B-1.4404/S	AISI 316L	Silicone	200	3	2	0 / 0,2	15,4
P1-278/B-1.4404/V	AISI 316L	Viton	200	3	2	0 / 0,2	15,4

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 400/AZ-NL

**Round manhole cover model:** 400/AZ-NL  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,05 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80A  
**on request:** VI/Z175A, MEC/80  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/400AZ-NL  
**type:** on cover not glued  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-400/AZNL-1.4301/E	AISI 304L	EPDM	65	2	2	0,05	5,6
P1-400/AZNL-1.4301/N	AISI 304L	NBR	65	2	2	0,05	5,6
P1-400/AZNL-1.4301/S	AISI 304L	Silicone	65	2	2	0,05	5,6
P1-400/AZNL-1.4301/V	AISI 304L	VITON	65	2	2	0,05	5,6
P1-400/AZNL/B-1.4404/E	AISI 316L	EPDM	65	2	2	0,05	5,6
P1-400/AZNL/B-1.4404/N	AISI 316L	NBR	65	2	2	0,05	5,6
P1-400/AZNL/B-1.4404/S	AISI 316L	Silicone	65	2	2	0,05	5,6
P1-400/AZNL/B-1.4404/V	AISI 316L	Viton	65	2	2	0,05	5,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-401/AZNL-1.4301/E	AISI 304L	EPDM	100	2	2	0,05	6,3
P1-401/AZNL-1.4301/N	AISI 304L	NBR	100	2	2	0,05	6,3
P1-401/AZNL-1.4301/S	AISI 304L	Silicone	100	2	2	0,05	6,3
P1-401/AZNL-1.4301/V	AISI 304L	VITON	100	2	2	0,05	6,3
P1-401/AZNL/B-1.4404/E	AISI 316L	EPDM	100	2	2	0,05	6,3
P1-401/AZNL/B-1.4404/N	AISI 316L	NBR	100	2	2	0,05	6,3
P1-401/AZNL/B-1.4404/S	AISI 316L	Silicone	100	2	2	0,05	6,3
P1-401/AZNL/B-1.4404/V	AISI 316L	Viton	100	2	2	0,05	6,3

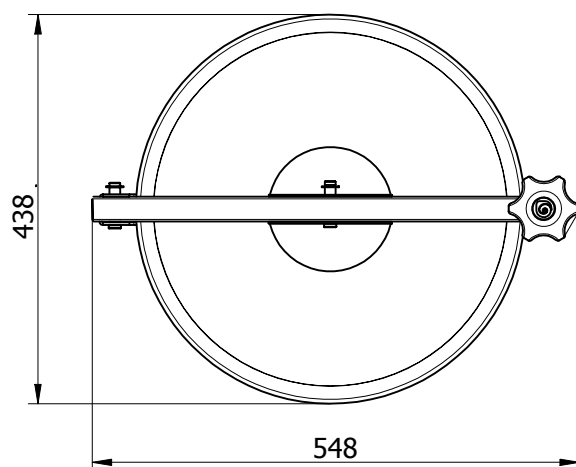
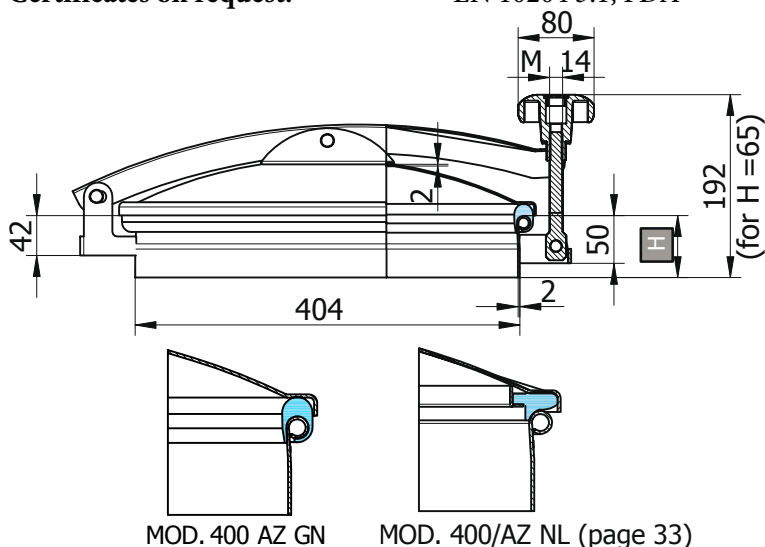
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-402/AZNL-1.4301/E	AISI 304L	EPDM	150	2	2	0,05	7,3
P1-402/AZNL-1.4301/N	AISI 304L	NBR	150	2	2	0,05	7,3
P1-402/AZNL-1.4301/S	AISI 304L	Silicone	150	2	2	0,05	7,3
P1-402/AZNL-1.4301/V	AISI 304L	VITON	150	2	2	0,05	7,3
P1-402/AZNL/B-1.4404/E	AISI 316L	EPDM	150	2	2	0,05	7,3
P1-402/AZNL/B-1.4404/N	AISI 316L	NBR	150	2	2	0,05	7,3
P1-402/AZNL/B-1.4404/S	AISI 316L	Silicone	150	2	2	0,05	7,3
P1-402/AZNL/B-1.4404/V	AISI 316L	Viton	150	2	2	0,05	7,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-403/AZNL-1.4301/E	AISI 304L	EPDM	200	2	2	0,05	8,4
P1-403/AZNL-1.4301/N	AISI 304L	NBR	200	2	2	0,05	8,4
P1-403/AZNL-1.4301/S	AISI 304L	Silicone	200	2	2	0,05	8,4
P1-403/AZNL-1.4301/V	AISI 304L	VITON	200	2	2	0,05	8,4
P1-403/AZNL/B-1.4404/E	AISI 316L	EPDM	200	2	2	0,05	8,4
P1-403/AZNL/B-1.4404/N	AISI 316L	NBR	200	2	2	0,05	8,4
P1-403/AZNL/B-1.4404/S	AISI 316L	Silicone	200	2	2	0,05	8,4
P1-403/AZNL/B-1.4404/V	AISI 316L	Viton	200	2	2	0,05	8,4

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 400/AZ-GN

**Round manhole cover model:** 400/AZ-GN  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,05 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80A  
**on request:** VI/Z175A, MEC/80  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/400AZ-GN  
**type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-400/AZGN-1.4301/E	AISI 304L	EPDM	65	2	2	0,05	5,6
P1-400/AZGN-1.4301/N	AISI 304L	NBR	65	2	2	0,05	5,6
P1-400/AZGN-1.4301/S	AISI 304L	Silicone	65	2	2	0,05	5,6
P1-400/AZGN-1.4301/V	AISI 304L	VITON	65	2	2	0,05	5,6

P1-400/AZGN/B-1.4404/E	AISI 316L	EPDM	65	2	2	0,05	5,6
P1-400/AZGN/B-1.4404/N	AISI 316L	NBR	65	2	2	0,05	5,6
P1-400/AZGN/B-1.4404/S	AISI 316L	Silicone	65	2	2	0,05	5,6
P1-400/AZGN/B-1.4404/V	AISI 316L	Viton	65	2	2	0,05	5,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-402/AZGN-1.4301/E	AISI 304L	EPDM	150	2	2	0,05	7,3
P1-402/AZGN-1.4301/N	AISI 304L	NBR	150	2	2	0,05	7,3
P1-402/AZGN-1.4301/S	AISI 304L	Silicone	150	2	2	0,05	7,3
P1-402/AZGN-1.4301/V	AISI 304L	VITON	150	2	2	0,05	7,3

P1-402/AZGN/B-1.4404/E	AISI 316L	EPDM	150	2	2	0,05	7,3
P1-402/AZGN/B-1.4404/N	AISI 316L	NBR	150	2	2	0,05	7,3
P1-402/AZGN/B-1.4404/S	AISI 316L	Silicone	150	2	2	0,05	7,3
P1-402/AZGN/B-1.4404/V	AISI 316L	Viton	150	2	2	0,05	7,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-401/AZGN-1.4301/E	AISI 304L	EPDM	100	2	2	0,05	6,3
P1-401/AZGN-1.4301/N	AISI 304L	NBR	100	2	2	0,05	6,3
P1-401/AZGN-1.4301/S	AISI 304L	Silicone	100	2	2	0,05	6,3
P1-401/AZGN-1.4301/V	AISI 304L	VITON	100	2	2	0,05	6,3

P1-401/AZGN/B-1.4404/E	AISI 316L	EPDM	100	2	2	0,05	6,3
P1-401/AZGN/B-1.4404/N	AISI 316L	NBR	100	2	2	0,05	6,3
P1-401/AZGN/B-1.4404/S	AISI 316L	Silicone	100	2	2	0,05	6,3
P1-401/AZGN/B-1.4404/V	AISI 316L	Viton	100	2	2	0,05	6,3

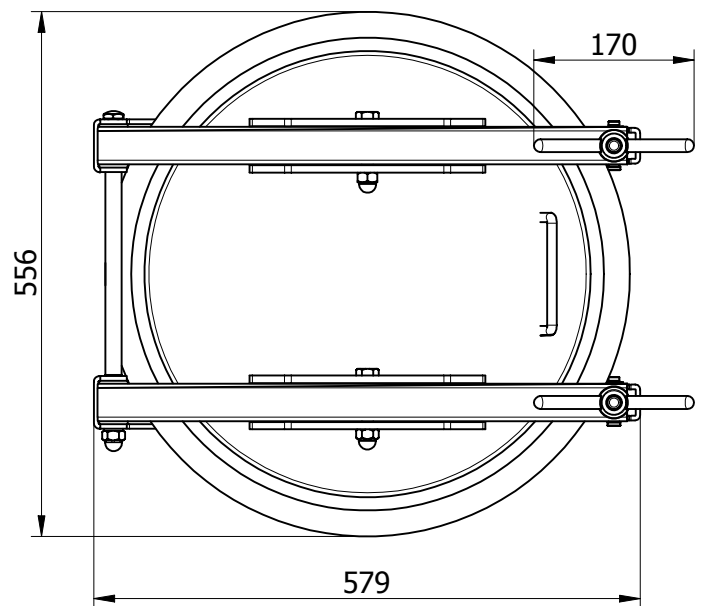
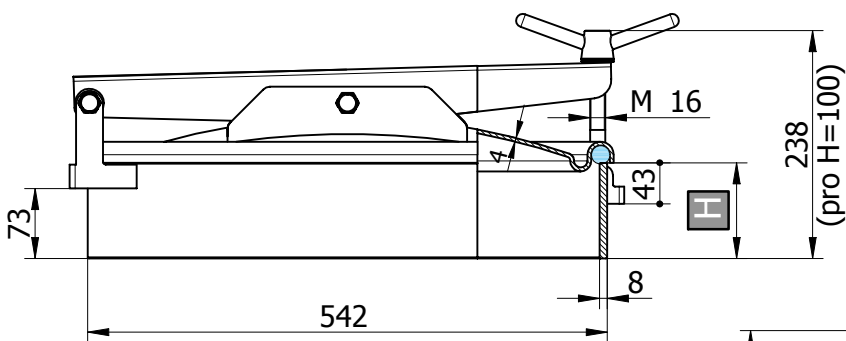
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-403/AZGN-1.4301/E	AISI 304L	EPDM	200	2	2	0,05	8,4
P1-403/AZGN-1.4301/N	AISI 304L	NBR	200	2	2	0,05	8,4
P1-403/AZGN-1.4301/S	AISI 304L	Silicone	200	2	2	0,05	8,4
P1-403/AZGN-1.4301/V	AISI 304L	VITON	200	2	2	0,05	8,4

P1-403/AZGN/B-1.4404/E	AISI 316L	EPDM	200	2	2	0,05	8,4
P1-403/AZGN/B-1.4404/N	AISI 316L	NBR	200	2	2	0,05	8,4
P1-403/AZGN/B-1.4404/S	AISI 316L	Silicone	200	2	2	0,05	8,4
P1-403/AZGN/B-1.4404/V	AISI 316L	Viton	200	2	2	0,05	8,4

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 520

**Round manwaydoor model:** 520  
**Dimensions:** Ø 544 mm  
**Max working pressure** 1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR500  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



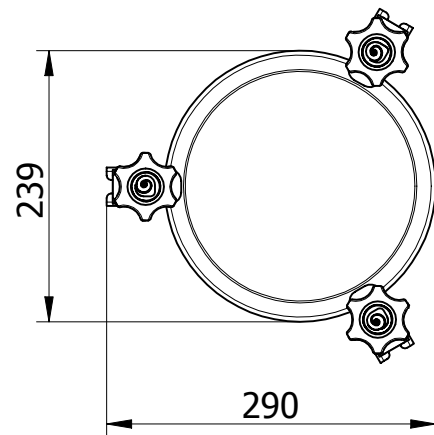
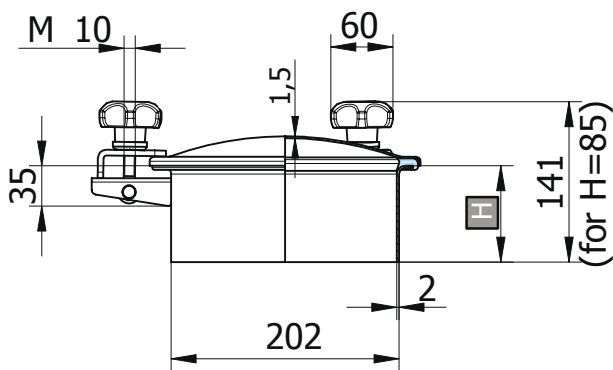
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-520-1.4301/E	AISI 304L	EPDM	80	8	4	1	31
P1-520-1.4301/N	AISI 304L	NBR	80	8	4	1	31
P1-520-1.4301/S	AISI 304L	Silicone	80	8	4	1	31
P1-520-1.4301/V	AISI 304L	VITON	80	8	4	1	31
P1-520/B-1.4404/E	AISI 316L	EPDM	80	8	4	1	31
P1-520/B-1.4404/N	AISI 316L	NBR	80	8	4	1	31
P1-520/B-1.4404/S	AISI 316L	Silicone	80	8	4	1	31
P1-520/B-1.4404/V	AISI 316L	Viton	80	8	4	1	31

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-521-1.4301/E	AISI 304L	EPDM	100	8	4	1	33
P1-521-1.4301/N	AISI 304L	NBR	100	8	4	1	33
P1-521-1.4301/S	AISI 304L	Silicone	100	8	4	1	33
P1-521-1.4301/V	AISI 304L	VITON	100	8	4	1	33
P1-521/B-1.4404/E	AISI 316L	EPDM	100	8	4	1	33
P1-521/B-1.4404/N	AISI 316L	NBR	100	8	4	1	33
P1-521/B-1.4404/S	AISI 316L	Silicone	100	8	4	1	33
P1-521/B-1.4404/V	AISI 316L	Viton	100	8	4	1	33

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 3V/200

<b>Round manhole cover model:</b>	3V/200	
<b>Dimensions:</b>	Ø 202 mm	
<b>Max working pressure:</b>	0,4 bar	
<b>Material:</b>	AISI 304L or AISI 316L	
<b>Handwheel</b>	<b>standard:</b>	MEC/60
	<b>on request:</b>	VI/295
<b>Gasket</b>	<b>standard:</b>	EPDM
	<b>on request:</b>	Silicone, NBR, VITON
	<b>code:</b>	G/T200
	<b>type:</b>	on frame not glued
<b>Certificates on request:</b>	EN 10204 3.1, FDA	



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/200-1.4301/E	AISI 304L	EPDM	85	2	1,5	0 / 0,4	2,6
P1-3V/200-1.4301/N	AISI 304L	NBR	85	2	1,5	0 / 0,4	2,6
P1-3V/200-1.4301/S	AISI 304L	Silicone	85	2	1,5	0 / 0,4	2,6
P1-3V/200-1.4301/V	AISI 304L	VITON	85	2	1,5	0 / 0,4	2,6
P1-3V/200/B-1.4404/E	AISI 316L	EPDM	85	2	1,5	0 / 0,4	2,6
P1-3V/200/B-1.4404/N	AISI 316L	NBR	85	2	1,5	0 / 0,4	2,6
P1-3V/200/B-1.4404/S	AISI 316L	Silicone	85	2	1,5	0 / 0,4	2,6
P1-3V/200/B-1.4404/V	AISI 316L	Viton	85	2	1,5	0 / 0,4	2,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/201-1.4301/E	AISI 304L	EPDM	150	2	1,5	0 / 0,4	3,3
P1-3V/201-1.4301/N	AISI 304L	NBR	150	2	1,5	0 / 0,4	3,3
P1-3V/201-1.4301/S	AISI 304L	Silicone	150	2	1,5	0 / 0,4	3,3
P1-3V/201-1.4301/V	AISI 304L	VITON	150	2	1,5	0 / 0,4	3,3
P1-3V/201/B-1.4404/E	AISI 316L	EPDM	150	2	1,5	0 / 0,4	3,3
P1-3V/201/B-1.4404/N	AISI 316L	NBR	150	2	1,5	0 / 0,4	3,3
P1-3V/201/B-1.4404/S	AISI 316L	Silicone	150	2	1,5	0 / 0,4	3,3
P1-3V/201/B-1.4404/V	AISI 316L	Viton	150	2	1,5	0 / 0,4	3,3

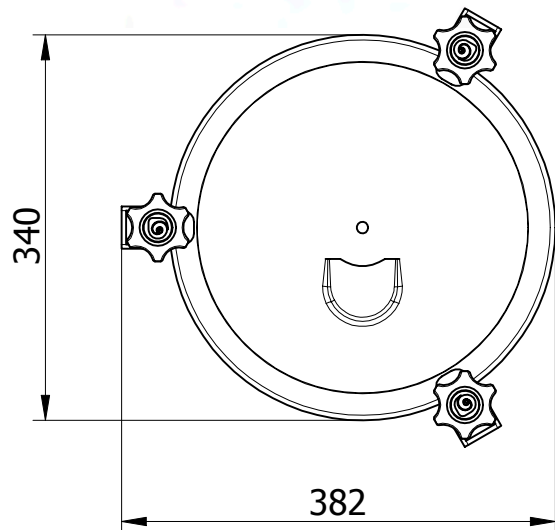
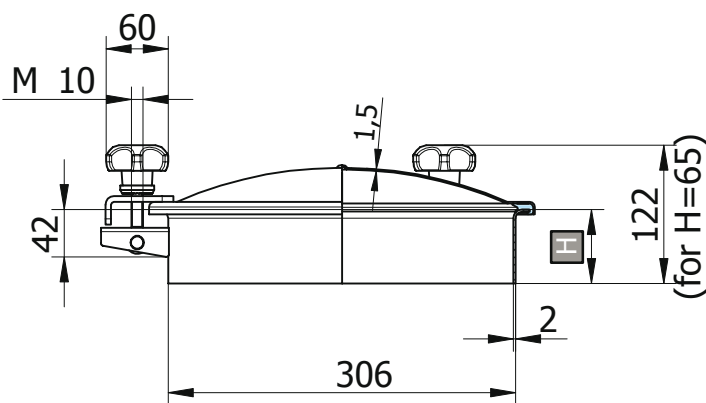
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/202-1.4301/E	AISI 304L	EPDM	200	2	1,5	0 / 0,4	3,9
P1-3V/202-1.4301/N	AISI 304L	NBR	200	2	1,5	0 / 0,4	3,9
P1-3V/202-1.4301/S	AISI 304L	Silicone	200	2	1,5	0 / 0,4	3,9
P1-3V/202-1.4301/V	AISI 304L	VITON	200	2	1,5	0 / 0,4	3,9
P1-3V/202/B-1.4404/E	AISI 316L	EPDM	200	2	1,5	0 / 0,4	3,9
P1-3V/202/B-1.4404/N	AISI 316L	NBR	200	2	1,5	0 / 0,4	3,9
P1-3V/202/B-1.4404/S	AISI 316L	Silicone	200	2	1,5	0 / 0,4	3,9
P1-3V/202/B-1.4404/V	AISI 316L	Viton	200	2	1,5	0 / 0,4	3,9

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 3V/300

**Round manhole cover model:** 3V/300  
**Dimensions:** Ø 306 mm  
**Max working pressure:** 0,15 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T300  
**type:** on frame not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/300-1.4301/E	AISI 304L	EPDM	65	2	1,5	0 / 0,15	3,3
P1-3V/300-1.4301/N	AISI 304L	NBR	65	2	1,5	0 / 0,15	3,3
P1-3V/300-1.4301/S	AISI 304L	Silicone	65	2	1,5	0 / 0,15	3,3
P1-3V/300-1.4301/V	AISI 304L	VITON	65	2	1,5	0 / 0,15	3,3
P1-3V/300/B-1.4404/E	AISI 316L	EPDM	65	2	1,5	0 / 0,15	3,3
P1-3V/300/B-1.4404/N	AISI 316L	NBR	65	2	1,5	0 / 0,15	3,3
P1-3V/300/B-1.4404/S	AISI 316L	Silicone	65	2	1,5	0 / 0,15	3,3
P1-3V/300/B-1.4404/V	AISI 316L	Viton	65	2	1,5	0 / 0,15	3,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/301-1.4301/E	AISI 304L	EPDM	100	2	1,5	0 / 0,15	3,7
P1-3V/301-1.4301/N	AISI 304L	NBR	100	2	1,5	0 / 0,15	3,7
P1-3V/301-1.4301/S	AISI 304L	Silicone	100	2	1,5	0 / 0,15	3,7
P1-3V/301-1.4301/V	AISI 304L	VITON	100	2	1,5	0 / 0,15	3,7
P1-3V/301/B-1.4404/E	AISI 316L	EPDM	100	2	1,5	0 / 0,15	3,7
P1-3V/301/B-1.4404/N	AISI 316L	NBR	100	2	1,5	0 / 0,15	3,7
P1-3V/301/B-1.4404/S	AISI 316L	Silicone	100	2	1,5	0 / 0,15	3,7
P1-3V/301/B-1.4404/V	AISI 316L	Viton	100	2	1,5	0 / 0,15	3,7

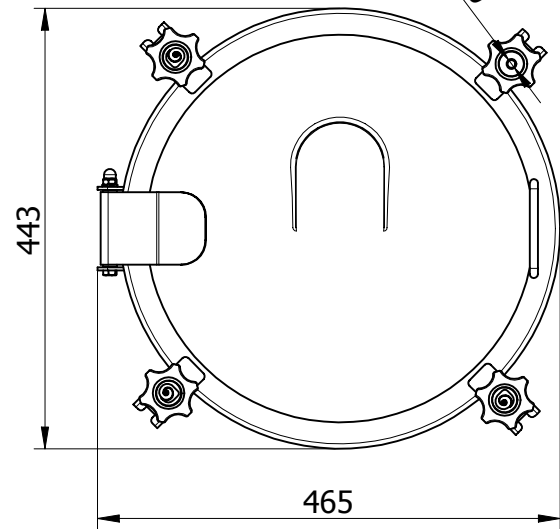
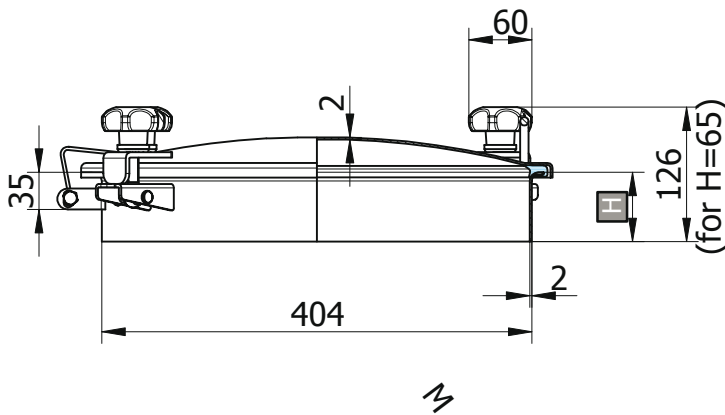
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/302-1.4301/E	AISI 304L	EPDM	150	2	1,5	0 / 0,15	4,3
P1-3V/302-1.4301/N	AISI 304L	NBR	150	2	1,5	0 / 0,15	4,3
P1-3V/302-1.4301/S	AISI 304L	Silicone	150	2	1,5	0 / 0,15	4,3
P1-3V/302-1.4301/V	AISI 304L	VITON	150	2	1,5	0 / 0,15	4,3
P1-3V/302/B-1.4404/E	AISI 316L	EPDM	150	2	1,5	0 / 0,15	4,3
P1-3V/302/B-1.4404/N	AISI 316L	NBR	150	2	1,5	0 / 0,15	4,3
P1-3V/302/B-1.4404/S	AISI 316L	Silicone	150	2	1,5	0 / 0,15	4,3
P1-3V/302/B-1.4404/V	AISI 316L	Viton	150	2	1,5	0 / 0,15	4,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-3V/303-1.4301/E	AISI 304L	EPDM	200	2	1,5	0 / 0,15	4,8
P1-3V/303-1.4301/N	AISI 304L	NBR	200	2	1,5	0 / 0,15	4,8
P1-3V/303-1.4301/S	AISI 304L	Silicone	200	2	1,5	0 / 0,15	4,8
P1-3V/303-1.4301/V	AISI 304L	VITON	200	2	1,5	0 / 0,15	4,8
P1-3V/303/B-1.4404/E	AISI 316L	EPDM	200	2	1,5	0 / 0,15	4,8
P1-3V/303/B-1.4404/N	AISI 316L	NBR	200	2	1,5	0 / 0,15	4,8
P1-3V/303/B-1.4404/S	AISI 316L	Silicone	200	2	1,5	0 / 0,15	4,8
P1-3V/303/B-1.4404/V	AISI 316L	Viton	200	2	1,5	0 / 0,15	4,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 4V/400

**Round manhole cover model:** 4V/400  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T400  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-4V/400-1.4301/E	AISI 304L	EPDM	65	2	2	0 / 0,2	6,2
P1-4V/400-1.4301/N	AISI 304L	NBR	65	2	2	0 / 0,2	6,2
P1-4V/400-1.4301/S	AISI 304L	Silicone	65	2	2	0 / 0,2	6,2
P1-4V/400-1.4301/V	AISI 304L	VITON	65	2	2	0 / 0,2	6,2
P1-4V/400/B-1.4404/E	AISI 316L	EPDM	65	2	2	0 / 0,2	6,2
P1-4V/400/B-1.4404/N	AISI 316L	NBR	65	2	2	0 / 0,2	6,2
P1-4V/400/B-1.4404/S	AISI 316L	Silicone	65	2	2	0 / 0,2	6,2
P1-4V/400/B-1.4404/V	AISI 316L	Viton	65	2	2	0 / 0,2	6,2

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-4V/401-1.4301/E	AISI 304L	EPDM	100	2	2	0 / 0,2	7
P1-4V/401-1.4301/N	AISI 304L	NBR	100	2	2	0 / 0,2	7
P1-4V/401-1.4301/S	AISI 304L	Silicone	100	2	2	0 / 0,2	7
P1-4V/401-1.4301/V	AISI 304L	VITON	100	2	2	0 / 0,2	7
P1-4V/401/B-1.4404/E	AISI 316L	EPDM	100	2	2	0 / 0,2	7
P1-4V/401/B-1.4404/N	AISI 316L	NBR	100	2	2	0 / 0,2	7
P1-4V/401/B-1.4404/S	AISI 316L	Silicone	100	2	2	0 / 0,2	7
P1-4V/401/B-1.4404/V	AISI 316L	Viton	100	2	2	0 / 0,2	7

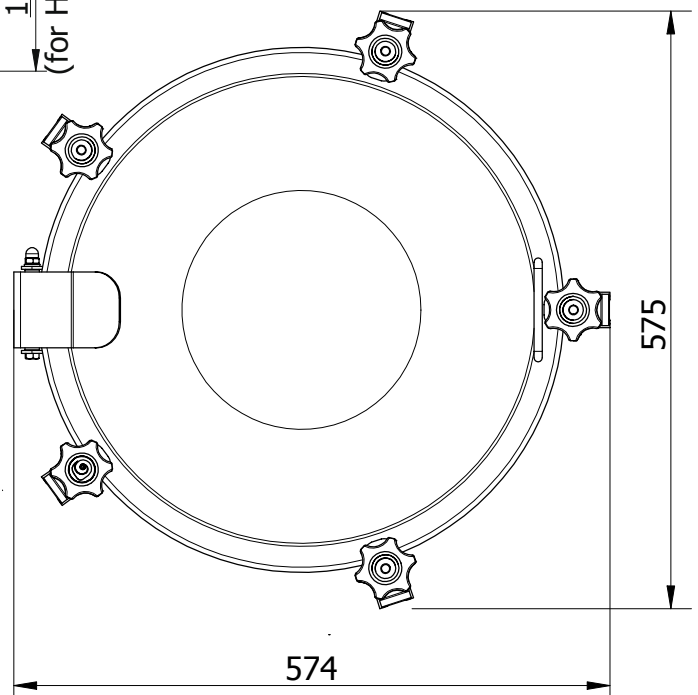
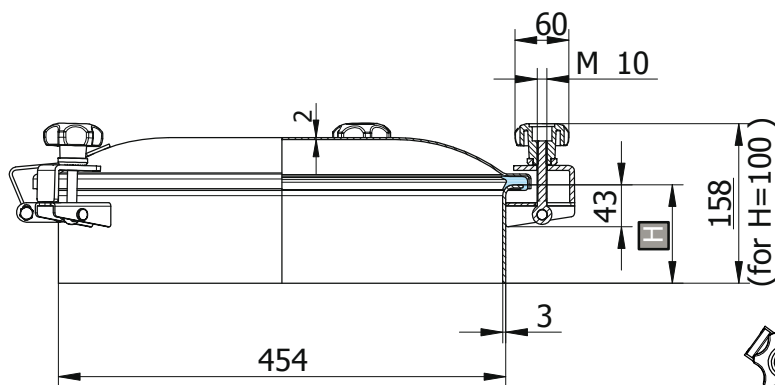
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-4V/402-1.4301/E	AISI 304L	EPDM	150	2	2	0 / 0,2	8
P1-4V/402-1.4301/N	AISI 304L	NBR	150	2	2	0 / 0,2	8
P1-4V/402-1.4301/S	AISI 304L	Silicone	150	2	2	0 / 0,2	8
P1-4V/402-1.4301/V	AISI 304L	VITON	150	2	2	0 / 0,2	8
P1-4V/402/B-1.4404/E	AISI 316L	EPDM	150	2	2	0 / 0,2	8
P1-4V/402/B-1.4404/N	AISI 316L	NBR	150	2	2	0 / 0,2	8
P1-4V/402/B-1.4404/S	AISI 316L	Silicone	150	2	2	0 / 0,2	8
P1-4V/402/B-1.4404/V	AISI 316L	Viton	150	2	2	0 / 0,2	8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-4V/403-1.4301/E	AISI 304L	EPDM	200	2	2	0 / 0,2	9
P1-4V/403-1.4301/N	AISI 304L	NBR	200	2	2	0 / 0,2	9
P1-4V/403-1.4301/S	AISI 304L	Silicone	200	2	2	0 / 0,2	9
P1-4V/403-1.4301/V	AISI 304L	VITON	200	2	2	0 / 0,2	9
P1-4V/403/B-1.4404/E	AISI 316L	EPDM	200	2	2	0 / 0,2	9
P1-4V/403/B-1.4404/N	AISI 316L	NBR	200	2	2	0 / 0,2	9
P1-4V/403/B-1.4404/S	AISI 316L	Silicone	200	2	2	0 / 0,2	9
P1-4V/403/B-1.4404/V	AISI 316L	Viton	200	2	2	0 / 0,2	9

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 5V/450

**Round manhole cover model:** 5V/450  
**Dimensions:** Ø 454 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T450  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-5V/450-1.4301/E	AISI 304L	EPDM	100	3	2	0 / 0,5	10
P1-5V/450-1.4301/N	AISI 304L	NBR	100	3	2	0 / 0,5	10
P1-5V/450-1.4301/S	AISI 304L	Silicone	100	3	2	0 / 0,5	10
P1-5V/450-1.4301/V	AISI 304L	VITON	100	3	2	0 / 0,5	10
P1-5V/450/B-1.4404/E	AISI 316L	EPDM	100	3	2	0 / 0,5	10
P1-5V/450/B-1.4404/N	AISI 316L	NBR	100	3	2	0 / 0,5	10
P1-5V/450/B-1.4404/S	AISI 316L	Silicone	100	3	2	0 / 0,5	10
P1-5V/450/B-1.4404/V	AISI 316L	Viton	100	3	2	0 / 0,5	10

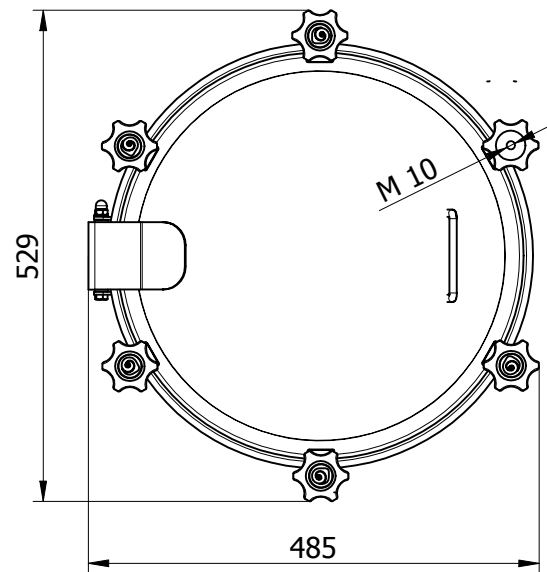
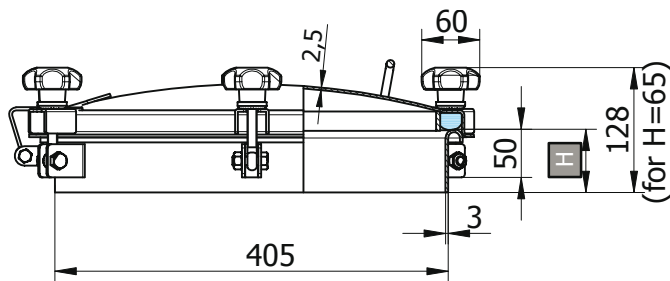
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-5V/451-1.4301/E	AISI 304L	EPDM	150	3	2	0 / 0,5	11,6
P1-5V/451-1.4301/N	AISI 304L	NBR	150	3	2	0 / 0,5	11,6
P1-5V/451-1.4301/S	AISI 304L	Silicone	150	3	2	0 / 0,5	11,6
P1-5V/451-1.4301/V	AISI 304L	VITON	150	3	2	0 / 0,5	11,6
P1-5V/451/B-1.4404/E	AISI 316L	EPDM	150	3	2	0 / 0,5	11,6
P1-5V/451/B-1.4404/N	AISI 316L	NBR	150	3	2	0 / 0,5	11,6
P1-5V/451/B-1.4404/S	AISI 316L	Silicone	150	3	2	0 / 0,5	11,6
P1-5V/451/B-1.4404/V	AISI 316L	Viton	150	3	2	0 / 0,5	11,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-5V/452-1.4301/E	AISI 304L	EPDM	200	3	2	0 / 0,5	13,2
P1-5V/452-1.4301/N	AISI 304L	NBR	200	3	2	0 / 0,5	13,2
P1-5V/452-1.4301/S	AISI 304L	Silicone	200	3	2	0 / 0,5	13,2
P1-5V/452-1.4301/V	AISI 304L	VITON	200	3	2	0 / 0,5	13,2
P1-5V/452/B-1.4404/E	AISI 316L	EPDM	200	3	2	0 / 0,5	13,2
P1-5V/452/B-1.4404/N	AISI 316L	NBR	200	3	2	0 / 0,5	13,2
P1-5V/452/B-1.4404/S	AISI 316L	Silicone	200	3	2	0 / 0,5	13,2
P1-5V/452/B-1.4404/V	AISI 316L	Viton	200	3	2	0 / 0,5	13,2

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 6V/250

**Round manhole cover model:** 6V/250  
**Dimensions:** Ø 405 mm  
**Max working pressure:** 1,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/6V250  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/250-1.4301/E	AISI 304L	EPDM	65	3	2,5	0 / 1,2	7,9
P1-6V/250-1.4301/N	AISI 304L	NBR	65	3	2,5	0 / 1,2	7,9
P1-6V/250-1.4301/S	AISI 304L	Silicone	65	3	2,5	0 / 1,2	7,9
P1-6V/250-1.4301/V	AISI 304L	VITON	65	3	2,5	0 / 1,2	7,9

P1-6V/250/B-1.4404/E	AISI 316L	EPDM	65	3	2,5	0 / 1,2	7,9
P1-6V/250/B-1.4404/N	AISI 316L	NBR	65	3	2,5	0 / 1,2	7,9
P1-6V/250/B-1.4404/S	AISI 316L	Silicone	65	3	2,5	0 / 1,2	7,9
P1-6V/250/B-1.4404/V	AISI 316L	Viton	65	3	2,5	0 / 1,2	7,9

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/252-1.4301/E	AISI 304L	EPDM	150	3	2,5	0 / 1,2	9,4
P1-6V/252-1.4301/N	AISI 304L	NBR	150	3	2,5	0 / 1,2	9,4
P1-6V/252-1.4301/S	AISI 304L	Silicone	150	3	2,5	0 / 1,2	9,4
P1-6V/252-1.4301/V	AISI 304L	VITON	150	3	2,5	0 / 1,2	9,4

P1-6V/252/B-1.4404/E	AISI 316L	EPDM	150	3	2,5	0 / 1,2	9,4
P1-6V/252/B-1.4404/N	AISI 316L	NBR	150	3	2,5	0 / 1,2	9,4
P1-6V/252/B-1.4404/S	AISI 316L	Silicone	150	3	2,5	0 / 1,2	9,4
P1-6V/252/B-1.4404/V	AISI 316L	Viton	150	3	2,5	0 / 1,2	9,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/251-1.4301/E	AISI 304L	EPDM	100	3	2,5	0 / 1,2	8,5
P1-6V/251-1.4301/N	AISI 304L	NBR	100	3	2,5	0 / 1,2	8,5
P1-6V/251-1.4301/S	AISI 304L	Silicone	100	3	2,5	0 / 1,2	8,5
P1-6V/251-1.4301/V	AISI 304L	VITON	100	3	2,5	0 / 1,2	8,5

P1-6V/251/B-1.4404/E	AISI 316L	EPDM	100	3	2,5	0 / 1,2	8,5
P1-6V/251/B-1.4404/N	AISI 316L	NBR	100	3	2,5	0 / 1,2	8,5
P1-6V/251/B-1.4404/S	AISI 316L	Silicone	100	3	2,5	0 / 1,2	8,5
P1-6V/251/B-1.4404/V	AISI 316L	Viton	100	3	2,5	0 / 1,2	8,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/253-1.4301/E	AISI 304L	EPDM	200	3	2,5	0 / 1,2	10,2
P1-6V/253-1.4301/N	AISI 304L	NBR	200	3	2,5	0 / 1,2	10,2
P1-6V/253-1.4301/S	AISI 304L	Silicone	200	3	2,5	0 / 1,2	10,2
P1-6V/253-1.4301/V	AISI 304L	VITON	200	3	2,5	0 / 1,2	10,2

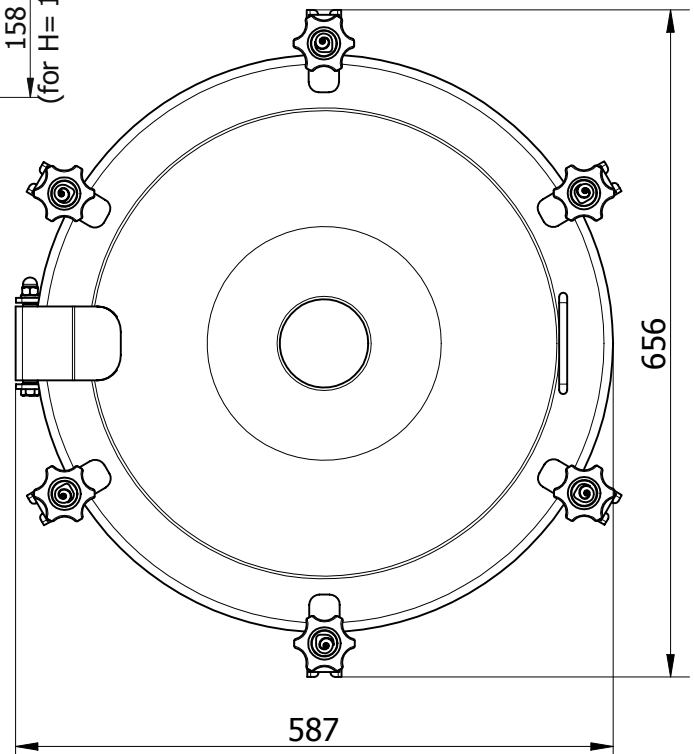
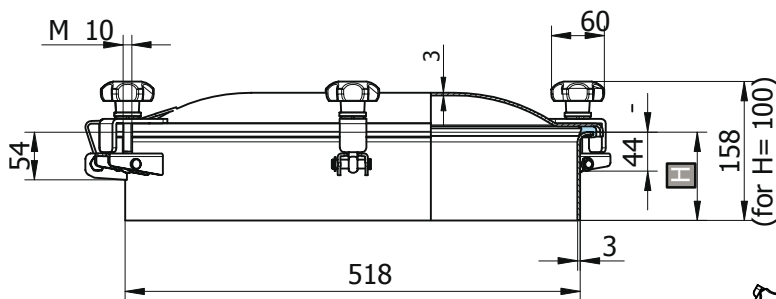
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P1-6V/253/B-1.4404/N	AISI 316L	NBR	200	3	2,5	0 / 1,2	10,2
P1-6V/253/B-1.4404/S	AISI 316L	Silicone	200	3	2,5	0 / 1,2	10,2
P1-6V/253/B-1.4404/V	AISI 316L	Viton	200	3	2,5	0 / 1,2	10,2

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# 6V/500

**Round manhole cover model:** 6V/500  
**Dimensions:** Ø 518 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T550  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/500-1.4301/E	AISI 304L	EPDM	100	3	3	0 / 0,5	12,3
P1-6V/500-1.4301/N	AISI 304L	NBR	100	3	3	0 / 0,5	12,3
P1-6V/500-1.4301/S	AISI 304L	Silicone	100	3	3	0 / 0,5	12,3
P1-6V/500-1.4301/V	AISI 304L	VITON	100	3	3	0 / 0,5	12,3
P1-6V/500/B-1.4404/E	AISI 316L	EPDM	100	3	3	0 / 0,5	12,3
P1-6V/500/B-1.4404/N	AISI 316L	NBR	100	3	3	0 / 0,5	12,3
P1-6V/500/B-1.4404/S	AISI 316L	Silicone	100	3	3	0 / 0,5	12,3
P1-6V/500/B-1.4404/V	AISI 316L	Viton	100	3	3	0 / 0,5	12,3

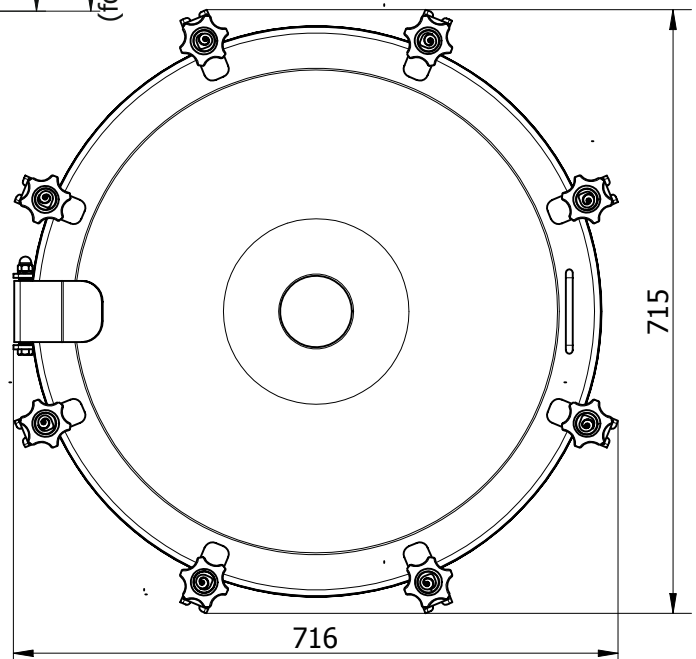
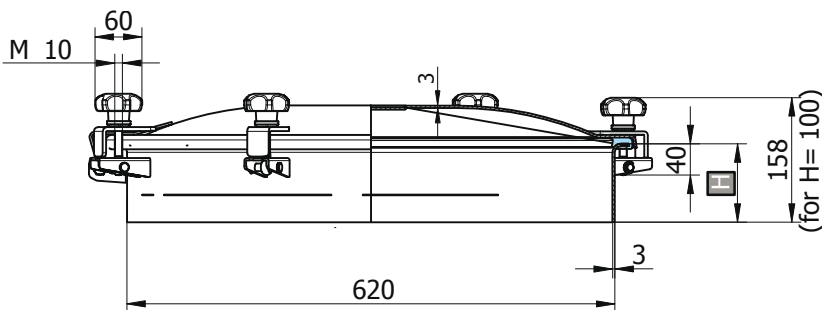
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/501-1.4301/E	AISI 304L	EPDM	150	3	3	0 / 0,5	13,9
P1-6V/501-1.4301/N	AISI 304L	NBR	150	3	3	0 / 0,5	13,9
P1-6V/501-1.4301/S	AISI 304L	Silicone	150	3	3	0 / 0,5	13,9
P1-6V/501-1.4301/V	AISI 304L	VITON	150	3	3	0 / 0,5	13,9
P1-6V/501/B-1.4404/E	AISI 316L	EPDM	150	3	3	0 / 0,5	13,9
P1-6V/501/B-1.4404/N	AISI 316L	NBR	150	3	3	0 / 0,5	13,9
P1-6V/501/B-1.4404/S	AISI 316L	Silicone	150	3	3	0 / 0,5	13,9
P1-6V/501/B-1.4404/V	AISI 316L	Viton	150	3	3	0 / 0,5	13,9

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-6V/502-1.4301/E	AISI 304L	EPDM	200	3	3	0 / 0,5	15,5
P1-6V/502-1.4301/N	AISI 304L	NBR	200	3	3	0 / 0,5	15,5
P1-6V/502-1.4301/S	AISI 304L	Silicone	200	3	3	0 / 0,5	15,5
P1-6V/502-1.4301/V	AISI 304L	VITON	200	3	3	0 / 0,5	15,5
P1-6V/502/B-1.4404/E	AISI 316L	EPDM	200	3	3	0 / 0,5	15,5
P1-6V/502/B-1.4404/N	AISI 316L	NBR	200	3	3	0 / 0,5	15,5
P1-6V/502/B-1.4404/S	AISI 316L	Silicone	200	3	3	0 / 0,5	15,5
P1-6V/502/B-1.4404/V	AISI 316L	Viton	200	3	3	0 / 0,5	15,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 8V/600

**Round manhole cover model:** 8V/600  
**Dimensions:** Ø 620 mm  
**Max working pressure:** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T600  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-8V/600-1.4301/E	AISI 304L	EPDM	100	3	3	0 / 0,2	19,2
P1-8V/600-1.4301/N	AISI 304L	NBR	100	3	3	0 / 0,2	19,2
P1-8V/600-1.4301/S	AISI 304L	Silicone	100	3	3	0 / 0,2	19,2
P1-8V/600-1.4301/V	AISI 304L	VITON	100	3	3	0 / 0,2	19,2
P1-8V/600/B-1.4404/E	AISI 316L	EPDM	100	3	3	0 / 0,2	19,2
P1-8V/600/B-1.4404/N	AISI 316L	NBR	100	3	3	0 / 0,2	19,2
P1-8V/600/B-1.4404/S	AISI 316L	Silicone	100	3	3	0 / 0,2	19,2
P1-8V/600/B-1.4404/V	AISI 316L	Viton	100	3	3	0 / 0,2	19,2

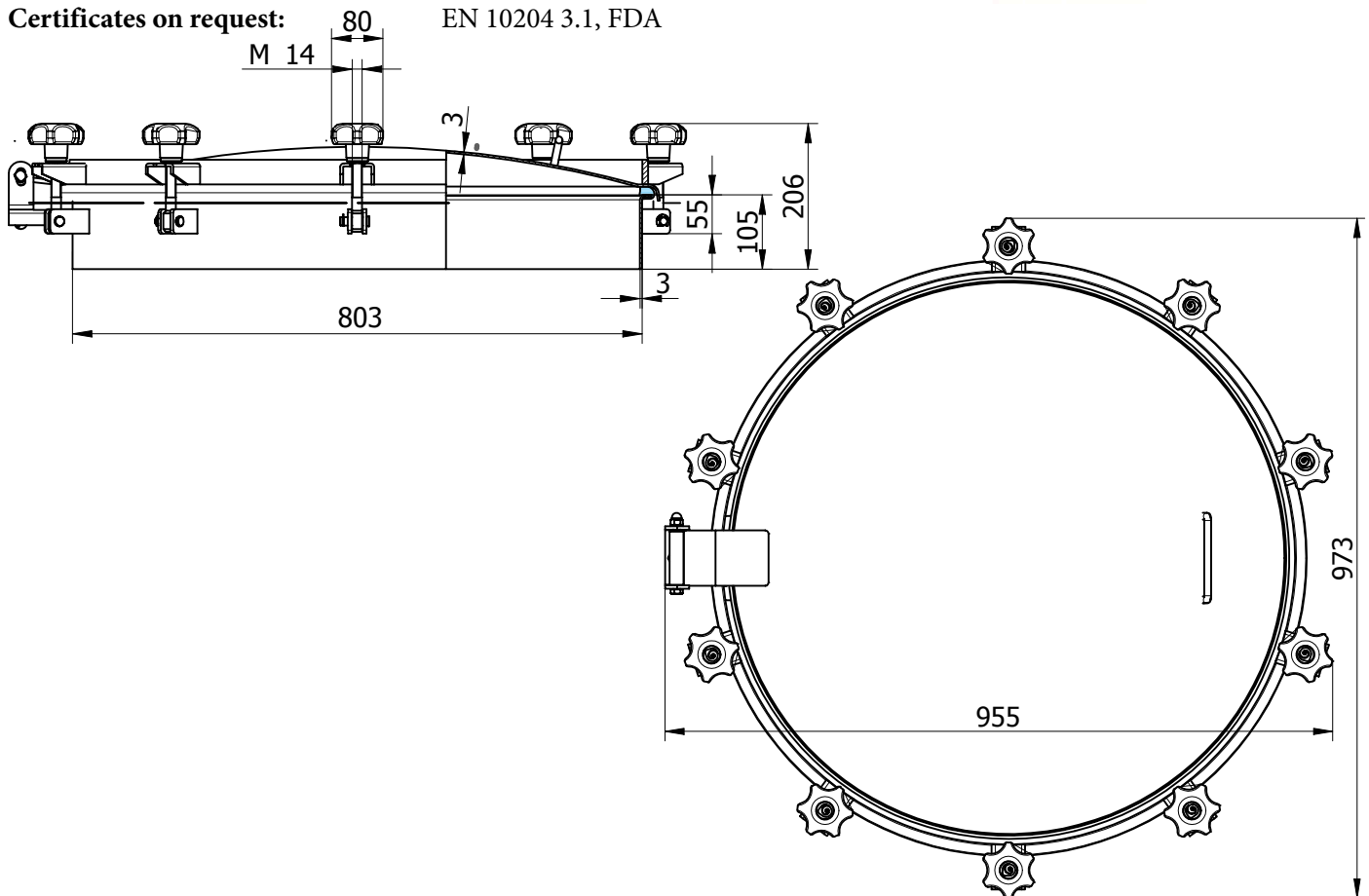
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-8V/601-1.4301/E	AISI 304L	EPDM	150	3	3	0 / 0,2	21,9
P1-8V/601-1.4301/N	AISI 304L	NBR	150	3	3	0 / 0,2	21,9
P1-8V/601-1.4301/S	AISI 304L	Silicone	150	3	3	0 / 0,2	21,9
P1-8V/601-1.4301/V	AISI 304L	VITON	150	3	3	0 / 0,2	21,9
P1-8V/601/B-1.4404/E	AISI 316L	EPDM	150	3	3	0 / 0,2	21,9
P1-8V/601/B-1.4404/N	AISI 316L	NBR	150	3	3	0 / 0,2	21,9
P1-8V/601/B-1.4404/S	AISI 316L	Silicone	150	3	3	0 / 0,2	21,9
P1-8V/601/B-1.4404/V	AISI 316L	Viton	150	3	3	0 / 0,2	21,9

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-8V/602-1.4301/E	AISI 304L	EPDM	200	3	3	0 / 0,2	24,6
P1-8V/602-1.4301/N	AISI 304L	NBR	200	3	3	0 / 0,2	24,6
P1-8V/602-1.4301/S	AISI 304L	Silicone	200	3	3	0 / 0,2	24,6
P1-8V/602-1.4301/V	AISI 304L	VITON	200	3	3	0 / 0,2	24,6
P1-8V/602/B-1.4404/E	AISI 316L	EPDM	200	3	3	0 / 0,2	24,6
P1-8V/602/B-1.4404/N	AISI 316L	NBR	200	3	3	0 / 0,2	24,6
P1-8V/602/B-1.4404/S	AISI 316L	Silicone	200	3	3	0 / 0,2	24,6
P1-8V/602/B-1.4404/V	AISI 316L	Viton	200	3	3	0 / 0,2	24,6

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 8V-10V/800

**Round manhole cover model:** 8V/800  
 10V/800  
**Dimensions:** Ø 805 mm  
**Max working pressure:** 0,15 bar (8V/800)  
 0,2 bar (10V/800)  
**Material:** AISI 304L or AISI 316L  
**Handwheel** **standard:** MEC/80  
**on request:** VI/170  
**Gasket** **standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/800  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



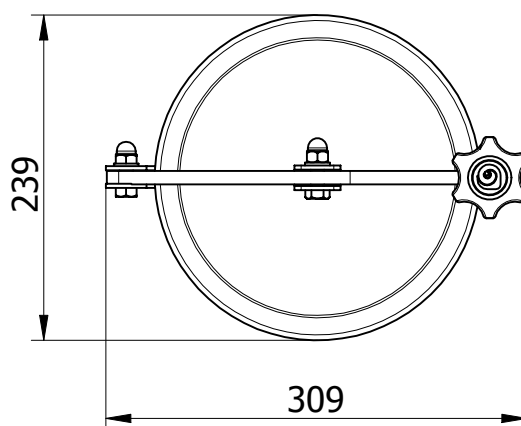
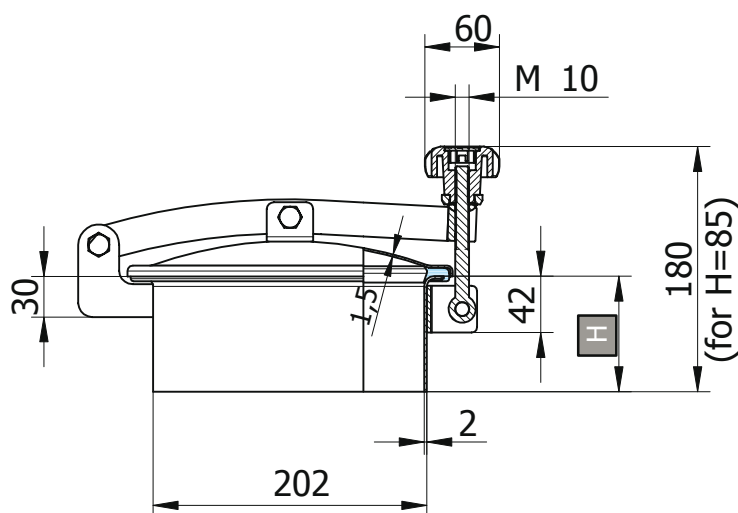
Code	Material	Gasket	Height (H)	S1	S2	O	Max press bar	Kg
P1-8V/800-1.4301/E	AISI 304L	EPDM	105	3	3	8	0,15	28,2
P1-8V/800-1.4301/N	AISI 304L	NBR	105	3	3	8	0,15	28,2
P1-8V/800-1.4301/S	AISI 304L	Silicone	105	3	3	8	0,15	28,2
P1-8V/800-1.4301/V	AISI 304L	VITON	105	3	3	8	0,15	28,2
P1-8V/800/B-1.4404/E	AISI 316L	EPDM	105	3	3	8	0,15	28,2
P1-8V/800/B-1.4404/N	AISI 316L	NBR	105	3	3	8	0,15	28,2
P1-8V/800/B-1.4404/S	AISI 316L	Silicone	105	3	3	8	0,15	28,2
P1-8V/800/B-1.4404/V	AISI 316L	Viton	105	3	3	8	0,15	28,2

Code	Material	Gasket	Height (H)	S1	S2	O	Max press bar	Kg
P1-10V/800-1.4301/E	AISI 304L	EPDM	105	3	3	10	0,2	30,5
P1-10V/800-1.4301/N	AISI 304L	NBR	105	3	3	10	0,2	30,5
P1-10V/800-1.4301/S	AISI 304L	Silicone	105	3	3	10	0,2	30,5
P1-10V/800-1.4301/V	AISI 304L	VITON	105	3	3	10	0,2	30,5
P1-10V/800/B-1.4404/E	AISI 316L	EPDM	105	3	3	10	0,2	30,5
P1-10V/800/B-1.4404/N	AISI 316L	NBR	105	3	3	10	0,2	30,5
P1-10V/800/B-1.4404/S	AISI 316L	Silicone	105	3	3	10	0,2	30,5
P1-10V/800/B-1.4404/V	AISI 316L	Viton	105	3	3	10	0,2	30,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# N/230

**Round manhole cover model:** N/230  
**Dimensions:** Ø 202 mm  
**Max working pressure:** 0,5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** MEC/60  
                   **on request:** VI/295, MEC/80I  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/T200  
                   **type:** on frame not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/230-1.4301/E	AISI 304L	EPDM	85	2	1,5	0 / 0,5	2,8
P1-N/230-1.4301/N	AISI 304L	NBR	85	2	1,5	0 / 0,5	2,8
P1-N/230-1.4301/S	AISI 304L	Silicone	85	2	1,5	0 / 0,5	2,8
P1-N/230-1.4301/V	AISI 304L	VITON	85	2	1,5	0 / 0,5	2,8

P1-N/230/B-1.4404/E	AISI 316L	EPDM	85	2	1,5	0 / 0,5	2,8
P1-N/230/B-1.4404/N	AISI 316L	NBR	85	2	1,5	0 / 0,5	2,8
P1-N/230/B-1.4404/S	AISI 316L	Silicone	85	2	1,5	0 / 0,5	2,8
P1-N/230/B-1.4404/V	AISI 316L	Viton	85	2	1,5	0 / 0,5	2,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/231-1.4301/E	AISI 304L	EPDM	150	2	1,5	0 / 0,5	3,5
P1-N/231-1.4301/N	AISI 304L	NBR	150	2	1,5	0 / 0,5	3,5
P1-N/231-1.4301/S	AISI 304L	Silicone	150	2	1,5	0 / 0,5	3,5
P1-N/231-1.4301/V	AISI 304L	VITON	150	2	1,5	0 / 0,5	3,5

P1-N/231/B-1.4404/E	AISI 316L	EPDM	150	2	1,5	0 / 0,5	3,5
P1-N/231/B-1.4404/N	AISI 316L	NBR	150	2	1,5	0 / 0,5	3,5
P1-N/231/B-1.4404/S	AISI 316L	Silicone	150	2	1,5	0 / 0,5	3,5
P1-N/231/B-1.4404/V	AISI 316L	Viton	150	2	1,5	0 / 0,5	3,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/232-1.4301/E	AISI 304L	EPDM	200	2	1,5	0 / 0,5	4,1
P1-N/232-1.4301/N	AISI 304L	NBR	200	2	1,5	0 / 0,5	4,1
P1-N/232-1.4301/S	AISI 304L	Silicone	200	2	1,5	0 / 0,5	4,1
P1-N/232-1.4301/V	AISI 304L	VITON	200	2	1,5	0 / 0,5	4,1

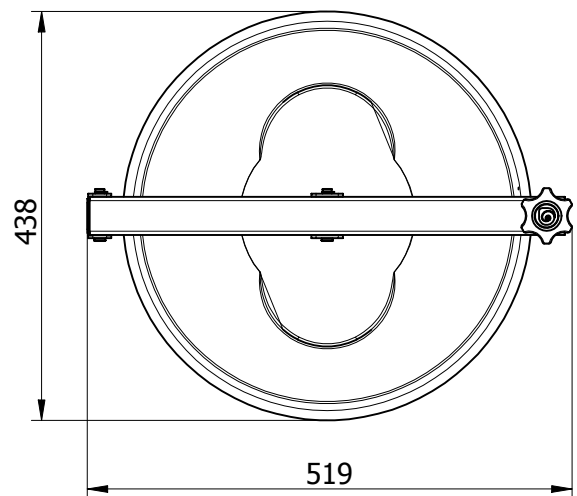
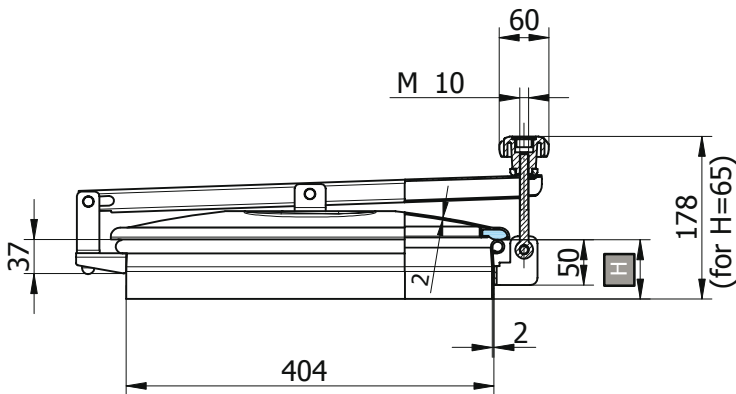
P1-N/232/B-1.4404/E	AISI 316L	EPDM	200	2	1,5	0 / 0,5	4,1
P1-N/232/B-1.4404/N	AISI 316L	NBR	200	2	1,5	0 / 0,5	4,1
P1-N/232/B-1.4404/S	AISI 316L	Silicone	200	2	1,5	0 / 0,5	4,1
P1-N/232/B-1.4404/V	AISI 316L	Viton	200	2	1,5	0 / 0,5	4,1

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# N/240

**Round manhole cover model:** N/240  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295, MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/NL250  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/240-1.4301/E	AISI 304L	EPDM	65	2	2	0,0	5,6
P1-N/240-1.4301/N	AISI 304L	NBR	65	2	2	0,0	5,6
P1-N/240-1.4301/S	AISI 304L	Silicone	65	2	2	0,0	5,6
P1-N/240-1.4301/V	AISI 304L	VITON	65	2	2	0,0	5,6

P1-N/240/B-1.4404/E	AISI 316L	EPDM	65	2	2	0,0	5,6
P1-N/240/B-1.4404/N	AISI 316L	NBR	65	2	2	0,0	5,6
P1-N/240/B-1.4404/S	AISI 316L	Silicone	65	2	2	0,0	5,6
P1-N/240/B-1.4404/V	AISI 316L	Viton	65	2	2	0,0	5,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/242-1.4301/E	AISI 304L	EPDM	150	2	2	0,0	7,3
P1-N/242-1.4301/N	AISI 304L	NBR	150	2	2	0,0	7,3
P1-N/242-1.4301/S	AISI 304L	Silicone	150	2	2	0,0	7,3
P1-N/242-1.4301/V	AISI 304L	VITON	150	2	2	0,0	7,3

P1-N/242/B-1.4404/E	AISI 316L	EPDM	150	2	2	0,0	7,3
P1-N/242/B-1.4404/N	AISI 316L	NBR	150	2	2	0,0	7,3
P1-N/242/B-1.4404/S	AISI 316L	Silicone	150	2	2	0,0	7,3
P1-N/242/B-1.4404/V	AISI 316L	Viton	150	2	2	0,0	7,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/241-1.4301/E	AISI 304L	EPDM	100	2	2	0,0	6,3
P1-N/241-1.4301/N	AISI 304L	NBR	100	2	2	0,0	6,3
P1-N/241-1.4301/S	AISI 304L	Silicone	100	2	2	0,0	6,3
P1-N/241-1.4301/V	AISI 304L	VITON	100	2	2	0,0	6,3

P1-N/241/B-1.4404/E	AISI 316L	EPDM	100	2	2	0,0	6,3
P1-N/241/B-1.4404/N	AISI 316L	NBR	100	2	2	0,0	6,3
P1-N/241/B-1.4404/S	AISI 316L	Silicone	100	2	2	0,0	6,3
P1-N/241/B-1.4404/V	AISI 316L	Viton	100	2	2	0,0	6,3

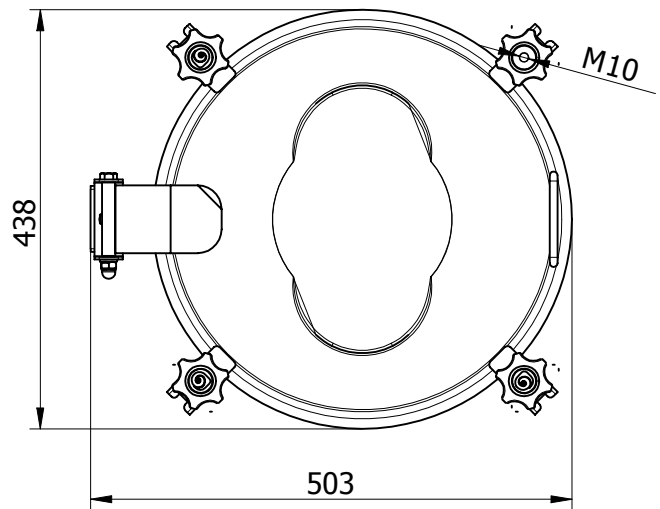
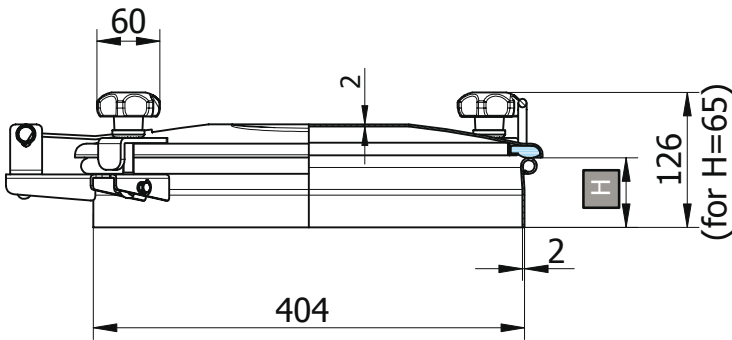
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/243-1.4301/E	AISI 304L	EPDM	200	2	2	0,0	8,3
P1-N/243-1.4301/N	AISI 304L	NBR	200	2	2	0,0	8,3
P1-N/243-1.4301/S	AISI 304L	Silicone	200	2	2	0,0	8,3
P1-N/243-1.4301/V	AISI 304L	VITON	200	2	2	0,0	8,3

P1-N/243/B-1.4404/E	AISI 316L	EPDM	200	2	2	0,0	8,3
P1-N/243/B-1.4404/N	AISI 316L	NBR	200	2	2	0,0	8,3
P1-N/243/B-1.4404/S	AISI 316L	Silicone	200	2	2	0,0	8,3
P1-N/243/B-1.4404/V	AISI 316L	Viton	200	2	2	0,0	8,3

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# N/240/4V

**Round manhole cover model:** N/240/4V  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,2 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/NL250  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/240/4V-1.4301/E	AISI 304L	EPDM	65	2	2	0 / 0,2	5,6
P1-N/240/4V-1.4301/N	AISI 304L	NBR	65	2	2	0 / 0,2	5,6
P1-N/240/4V-1.4301/S	AISI 304L	Silicone	65	2	2	0 / 0,2	5,6
P1-N/240/4V-1.4301/V	AISI 304L	VITON	65	2	2	0 / 0,2	5,6

P1-N/240/4V/B-1.4404/E	AISI 316L	EPDM	65	2	2	0 / 0,2	5,6
P1-N/240/4V/B-1.4404/N	AISI 316L	NBR	65	2	2	0 / 0,2	5,6
P1-N/240/4V/B-1.4404/S	AISI 316L	Silicone	65	2	2	0 / 0,2	5,6
P1-N/240/4V/B-1.4404/V	AISI 316L	Viton	65	2	2	0 / 0,2	5,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/242/4V-1.4301/E	AISI 304L	EPDM	150	2	2	0 / 0,2	7,3
P1-N/242/4V-1.4301/N	AISI 304L	NBR	150	2	2	0 / 0,2	7,3
P1-N/242/4V-1.4301/S	AISI 304L	Silicone	150	2	2	0 / 0,2	7,3
P1-N/242/4V-1.4301/V	AISI 304L	VITON	150	2	2	0 / 0,2	7,3

P1-N/242/4V/B-1.4404/E	AISI 316L	EPDM	150	2	2	0 / 0,2	7,3
P1-N/242/4V/B-1.4404/N	AISI 316L	NBR	150	2	2	0 / 0,2	7,3
P1-N/242/4V/B-1.4404/S	AISI 316L	Silicone	150	2	2	0 / 0,2	7,3
P1-N/242/4V/B-1.4404/V	AISI 316L	Viton	150	2	2	0 / 0,2	7,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/241/4V-1.4301/E	AISI 304L	EPDM	100	2	2	0 / 0,2	6,3
P1-N/241/4V-1.4301/N	AISI 304L	NBR	100	2	2	0 / 0,2	6,3
P1-N/241/4V-1.4301/S	AISI 304L	Silicone	100	2	2	0 / 0,2	6,3
P1-N/241/4V-1.4301/V	AISI 304L	VITON	100	2	2	0 / 0,2	6,3

P1-N/241/4V/B-1.4404/E	AISI 316L	EPDM	100	2	2	0 / 0,2	6,3
P1-N/241/4V/B-1.4404/N	AISI 316L	NBR	100	2	2	0 / 0,2	6,3
P1-N/241/4V/B-1.4404/S	AISI 316L	Silicone	100	2	2	0 / 0,2	6,3
P1-N/241/4V/B-1.4404/V	AISI 316L	Viton	100	2	2	0 / 0,2	6,3

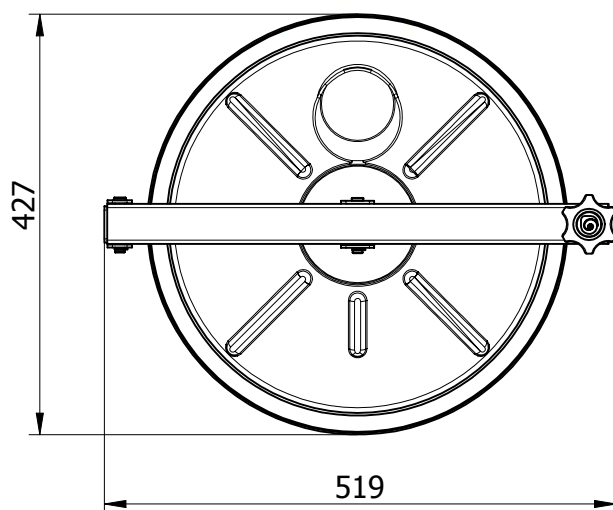
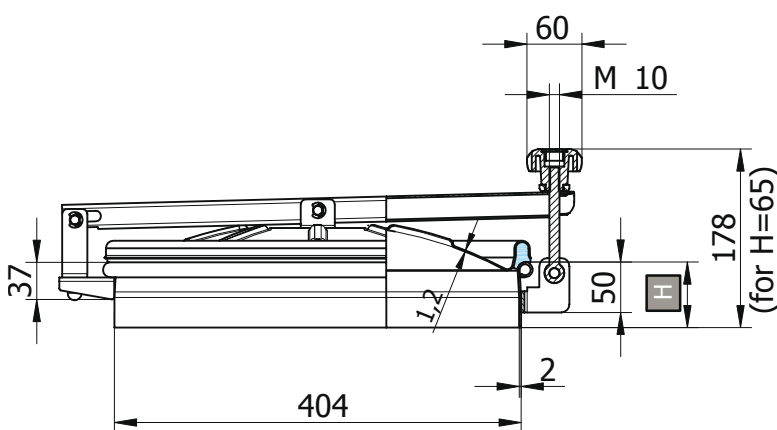
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/243/4V-1.4301/E	AISI 304L	EPDM	200	2	2	0 / 0,2	8,3
P1-N/243/4V-1.4301/N	AISI 304L	NBR	200	2	2	0 / 0,2	8,3
P1-N/243/4V-1.4301/S	AISI 304L	Silicone	200	2	2	0 / 0,2	8,3
P1-N/243/4V-1.4301/V	AISI 304L	VITON	200	2	2	0 / 0,2	8,3

P1-N/243/4V/B-1.4404/E	AISI 316L	EPDM	200	2	2	0 / 0,2	8,3
P1-N/243/4V/B-1.4404/N	AISI 316L	NBR	200	2	2	0 / 0,2	8,3
P1-N/243/4V/B-1.4404/S	AISI 316L	Silicone	200	2	2	0 / 0,2	8,3
P1-N/243/4V/B-1.4404/V	AISI 316L	Viton	200	2	2	0 / 0,2	8,3

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# N/250

**Round manhole cover model:** N/250  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** MEC/60  
                   **on request:** VI/295, MEC/80I  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/AE  
                   **type:** on cover not glued  
**On request:** hole for relief valve  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/250-1.4301/E	AISI 304L	EPDM	65	2	1,2	0,0	5
P1-N/250-1.4301/N	AISI 304L	NBR	65	2	1,2	0,0	5
P1-N/250-1.4301/S	AISI 304L	Silicone	65	2	1,2	0,0	5
P1-N/250-1.4301/V	AISI 304L	VITON	65	2	1,2	0,0	5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/251-1.4301/E	AISI 304L	EPDM	100	2	1,2	0,0	5,8
P1-N/251-1.4301/N	AISI 304L	NBR	100	2	1,2	0,0	5,8
P1-N/251-1.4301/S	AISI 304L	Silicone	100	2	1,2	0,0	5,8
P1-N/251-1.4301/V	AISI 304L	VITON	100	2	1,2	0,0	5,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/250/B-1.4404/E	AISI 316L	EPDM	65	2	1,2	0,0	5
P1-N/250/B-1.4404/N	AISI 316L	NBR	65	2	1,2	0,0	5
P1-N/250/B-1.4404/S	AISI 316L	Silicone	65	2	1,2	0,0	5
P1-N/250/B-1.4404/V	AISI 316L	Viton	65	2	1,2	0,0	5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/251/B-1.4404/E	AISI 316L	EPDM	100	2	1,2	0,0	5,8
P1-N/251/B-1.4404/N	AISI 316L	NBR	100	2	1,2	0,0	5,8
P1-N/251/B-1.4404/S	AISI 316L	Silicone	100	2	1,2	0,0	5,8
P1-N/251/B-1.4404/V	AISI 316L	Viton	100	2	1,2	0,0	5,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/252-1.4301/E	AISI 304L	EPDM	150	2	1,2	0,0	6,8
P1-N/252-1.4301/N	AISI 304L	NBR	150	2	1,2	0,0	6,8
P1-N/252-1.4301/S	AISI 304L	Silicone	150	2	1,2	0,0	6,8
P1-N/252-1.4301/V	AISI 304L	VITON	150	2	1,2	0,0	6,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/253-1.4301/E	AISI 304L	EPDM	200	2	1,2	0,0	7,8
P1-N/253-1.4301/N	AISI 304L	NBR	200	2	1,2	0,0	7,8
P1-N/253-1.4301/S	AISI 304L	Silicone	200	2	1,2	0,0	7,8
P1-N/253-1.4301/V	AISI 304L	VITON	200	2	1,2	0,0	7,8

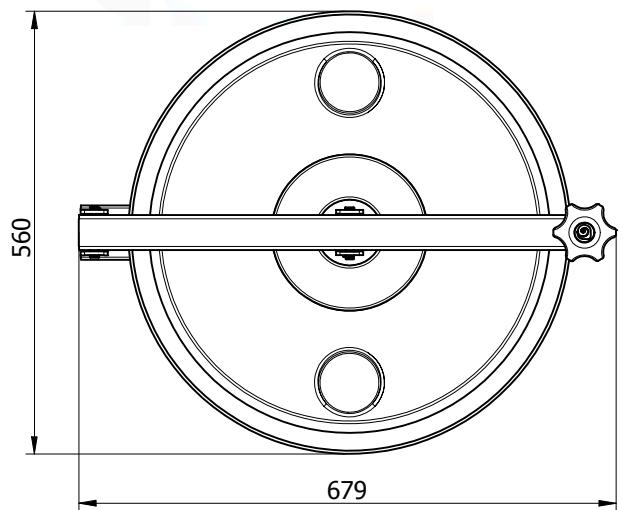
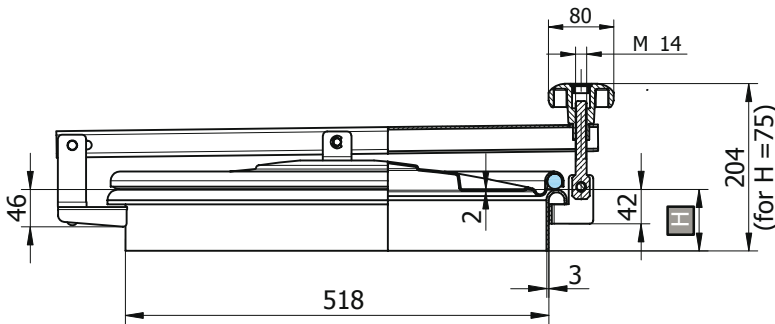
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/252/B-1.4404/E	AISI 316L	EPDM	150	2	1,2	0,0	6,8
P1-N/252/B-1.4404/N	AISI 316L	NBR	150	2	1,2	0,0	6,8
P1-N/252/B-1.4404/S	AISI 316L	Silicone	150	2	1,2	0,0	6,8
P1-N/252/B-1.4404/V	AISI 316L	Viton	150	2	1,2	0,0	6,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/253/B-1.4404/E	AISI 316L	EPDM	200	2	1,2	0,0	7,8
P1-N/253/B-1.4404/N	AISI 316L	NBR	200	2	1,2	0,0	7,8
P1-N/253/B-1.4404/S	AISI 316L	Silicone	200	2	1,2	0,0	7,8
P1-N/253/B-1.4404/V	AISI 316L	Viton	200	2	1,2	0,0	7,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# N/270

**Round manhole cover model:** N/270  
**Dimensions:** Ø 518 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80A  
**on request:** MEC/80I  
 VI/Z175A (M14)  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/TR500  
**type:** on cover not glued  
**On request:** hole for relief valve  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/270-1.4301/E	AISI 304L	EPDM	75	3	2	0 / 0,1	12
P1-N/270-1.4301/N	AISI 304L	NBR	75	3	2	0 / 0,1	12
P1-N/270-1.4301/S	AISI 304L	Silicone	75	3	2	0 / 0,1	12
P1-N/270-1.4301/V	AISI 304L	VITON	75	3	2	0 / 0,1	12

P1-N/270/B-1.4404/E	AISI 316L	EPDM	75	3	2	0 / 0,1	12
P1-N/270/B-1.4404/N	AISI 316L	NBR	75	3	2	0 / 0,1	12
P1-N/270/B-1.4404/S	AISI 316L	Silicone	75	3	2	0 / 0,1	12
P1-N/270/B-1.4404/V	AISI 316L	Viton	75	3	2	0 / 0,1	12

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/272-1.4301/E	AISI 304L	EPDM	150	3	2	0 / 0,1	14
P1-N/272-1.4301/N	AISI 304L	NBR	150	3	2	0 / 0,1	14
P1-N/272-1.4301/S	AISI 304L	Silicone	150	3	2	0 / 0,1	14
P1-N/272-1.4301/V	AISI 304L	VITON	150	3	2	0 / 0,1	14

P1-N/272/B-1.4404/E	AISI 316L	EPDM	150	3	2	0 / 0,1	14
P1-N/272/B-1.4404/N	AISI 316L	NBR	150	3	2	0 / 0,1	14
P1-N/272/B-1.4404/S	AISI 316L	Silicone	150	3	2	0 / 0,1	14
P1-N/272/B-1.4404/V	AISI 316L	Viton	150	3	2	0 / 0,1	14

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/271-1.4301/E	AISI 304L	EPDM	100	3	2	0 / 0,1	12,8
P1-N/271-1.4301/N	AISI 304L	NBR	100	3	2	0 / 0,1	12,8
P1-N/271-1.4301/S	AISI 304L	Silicone	100	3	2	0 / 0,1	12,8
P1-N/271-1.4301/V	AISI 304L	VITON	100	3	2	0 / 0,1	12,8

P1-N/271/B-1.4404/E	AISI 316L	EPDM	100	3	2	0 / 0,1	12,8
P1-N/271/B-1.4404/N	AISI 316L	NBR	100	3	2	0 / 0,1	12,8
P1-N/271/B-1.4404/S	AISI 316L	Silicone	100	3	2	0 / 0,1	12,8
P1-N/271/B-1.4404/V	AISI 316L	Viton	100	3	2	0 / 0,1	12,8

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-N/273-1.4301/E	AISI 304L	EPDM	200	3	2	0 / 0,1	16,9
P1-N/273-1.4301/N	AISI 304L	NBR	200	3	2	0 / 0,1	16,9
P1-N/273-1.4301/S	AISI 304L	Silicone	200	3	2	0 / 0,1	16,9
P1-N/273-1.4301/V	AISI 304L	VITON	200	3	2	0 / 0,1	16,9

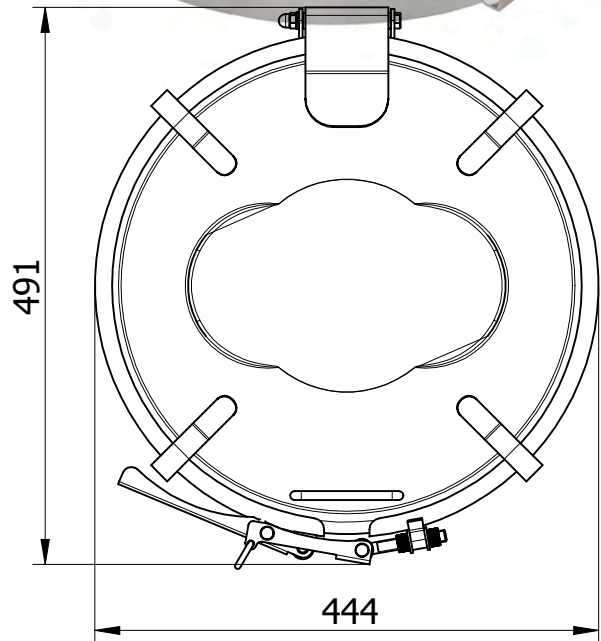
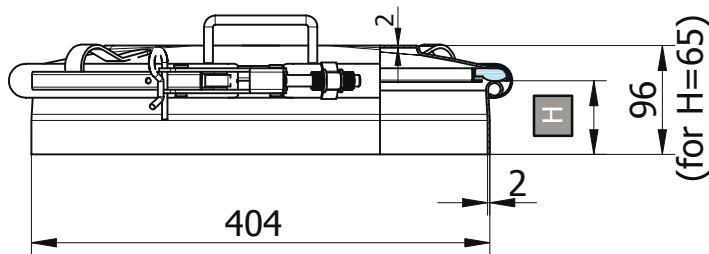
P1-N/273/B-1.4404/E	AISI 316L	EPDM	200	3	2	0 / 0,1	16,9
P1-N/273/B-1.4404/N	AISI 316L	NBR	200	3	2	0 / 0,1	16,9
P1-N/273/B-1.4404/S	AISI 316L	Silicone	200	3	2	0 / 0,1	16,9
P1-N/273/B-1.4404/V	AISI 316L	Viton	200	3	2	0 / 0,1	16,9

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# NL/250 PED

**Round manhole cover model:** NL/250  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 1,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel:** Clamp closing  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/NL250  
**type:** on cover not glued  
**On request:** side-swing and back-side opening  
**Certificates on request:** PED, EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-NL/250-1.4301/E	AISI 304L	EPDM	65	2	2	0 / 1,0	6,7
P1-NL/250-1.4301/N	AISI 304L	NBR	65	2	2	0 / 1,0	6,7
P1-NL/250-1.4301/S	AISI 304L	Silicone	65	2	2	0 / 1,0	6,7
P1-NL/250-1.4301/V	AISI 304L	VITON	65	2	2	0 / 1,0	6,7

P1-NL/250/B-1.4404/E	AISI 316L	EPDM	65	2	2	0 / 1,0	6,7
P1-NL/250/B-1.4404/N	AISI 316L	NBR	65	2	2	0 / 1,0	6,7
P1-NL/250/B-1.4404/S	AISI 316L	Silicone	65	2	2	0 / 1,0	6,7
P1-NL/250/B-1.4404/V	AISI 316L	Viton	65	2	2	0 / 1,0	6,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-NL/252-1.4301/E	AISI 304L	EPDM	150	2	2	0 / 1,0	8,5
P1-NL/252-1.4301/N	AISI 304L	NBR	150	2	2	0 / 1,0	8,5
P1-NL/252-1.4301/S	AISI 304L	Silicone	150	2	2	0 / 1,0	8,5
P1-NL/252-1.4301/V	AISI 304L	VITON	150	2	2	0 / 1,0	8,5

P1-NL/252/B-1.4404/E	AISI 316L	EPDM	150	2	2	0 / 1,0	8,5
P1-NL/252/B-1.4404/N	AISI 316L	NBR	150	2	2	0 / 1,0	8,5
P1-NL/252/B-1.4404/S	AISI 316L	Silicone	150	2	2	0 / 1,0	8,5
P1-NL/252/B-1.4404/V	AISI 316L	Viton	150	2	2	0 / 1,0	8,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-NL/251-1.4301/E	AISI 304L	EPDM	100	2	2	0 / 1,0	7,7
P1-NL/251-1.4301/N	AISI 304L	NBR	100	2	2	0 / 1,0	7,7
P1-NL/251-1.4301/S	AISI 304L	Silicone	100	2	2	0 / 1,0	7,7
P1-NL/251-1.4301/V	AISI 304L	VITON	100	2	2	0 / 1,0	7,7

P1-NL/251/B-1.4404/E	AISI 316L	EPDM	100	2	2	0 / 1,0	7,7
P1-NL/251/B-1.4404/N	AISI 316L	NBR	100	2	2	0 / 1,0	7,7
P1-NL/251/B-1.4404/S	AISI 316L	Silicone	100	2	2	0 / 1,0	7,7
P1-NL/251/B-1.4404/V	AISI 316L	Viton	100	2	2	0 / 1,0	7,7

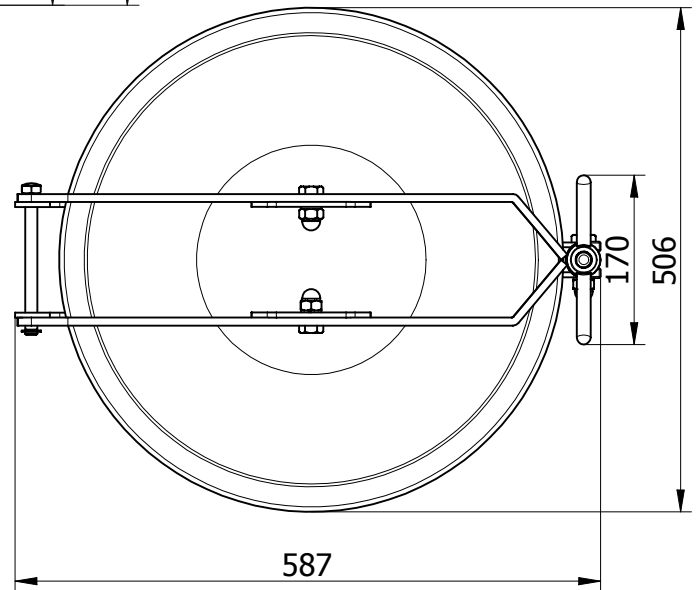
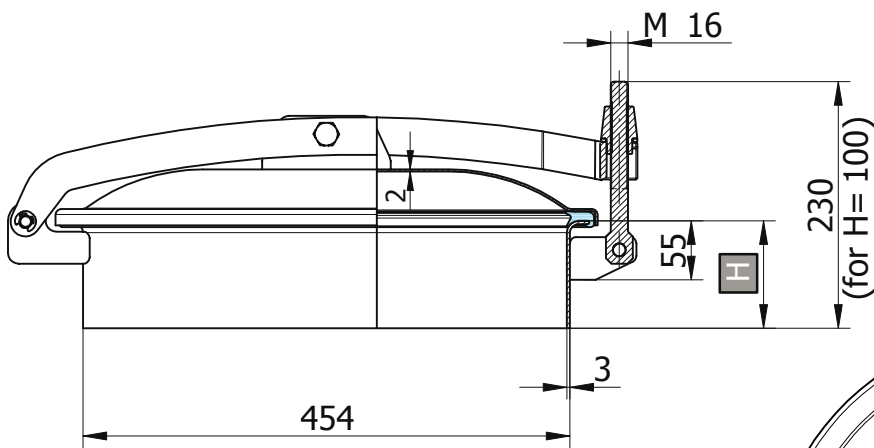
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-NL/253-1.4301/E	AISI 304L	EPDM	200	2	2	0 / 1,0	9,6
P1-NL/253-1.4301/N	AISI 304L	NBR	200	2	2	0 / 1,0	9,6
P1-NL/253-1.4301/S	AISI 304L	Silicone	200	2	2	0 / 1,0	9,6
P1-NL/253-1.4301/V	AISI 304L	VITON	200	2	2	0 / 1,0	9,6

P1-NL/253/B-1.4404/E	AISI 316L	EPDM	200	2	2	0 / 1,0	9,6
P1-NL/253/B-1.4404/N	AISI 316L	NBR	200	2	2	0 / 1,0	9,6
P1-NL/253/B-1.4404/S	AISI 316L	Silicone	200	2	2	0 / 1,0	9,6
P1-NL/253/B-1.4404/V	AISI 316L	Viton	200	2	2	0 / 1,0	9,6

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T/450

**Round manhole cover model:** T/450  
**Dimensions:** Ø 454 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T450  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/450-1.4301/E	AISI 304L	EPDM	100	3	2	0 / 0,1	12,2
P1-T/450-1.4301/N	AISI 304L	NBR	100	3	2	0 / 0,1	12,2
P1-T/450-1.4301/S	AISI 304L	Silicone	100	3	2	0 / 0,1	12,2
P1-T/450-1.4301/V	AISI 304L	VITON	100	3	2	0 / 0,1	12,2
P1-T/450/B-1.4404/E	AISI 316L	EPDM	100	3	2	0 / 0,1	12,2
P1-T/450/B-1.4404/N	AISI 316L	NBR	100	3	2	0 / 0,1	12,2
P1-T/450/B-1.4404/S	AISI 316L	Silicone	100	3	2	0 / 0,1	12,2
P1-T/450/B-1.4404/V	AISI 316L	Viton	100	3	2	0 / 0,1	12,2

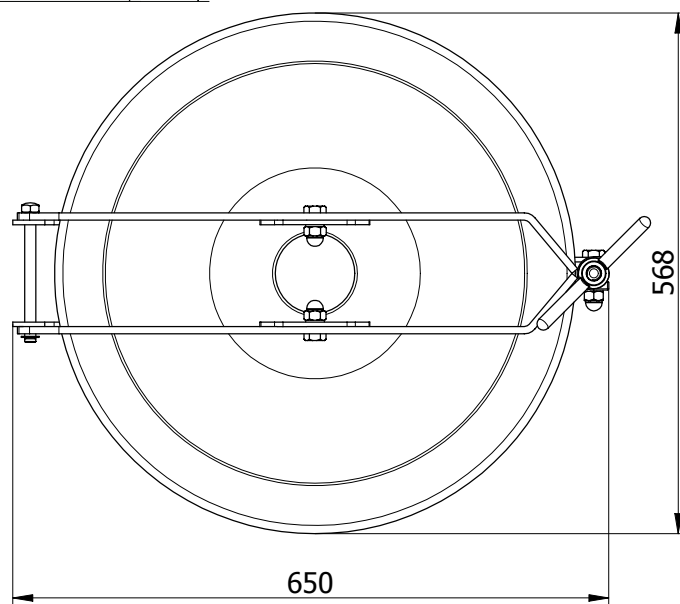
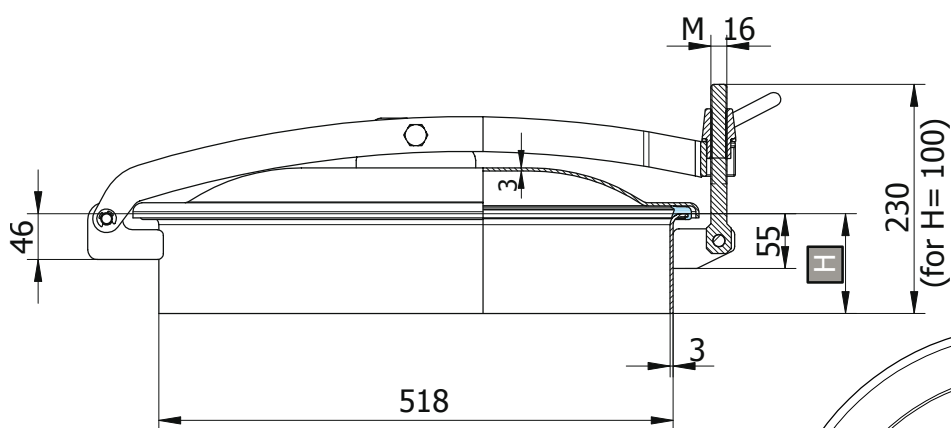
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/451-1.4301/E	AISI 304L	EPDM	150	3	2	0 / 0,1	14
P1-T/451-1.4301/N	AISI 304L	NBR	150	3	2	0 / 0,1	14
P1-T/451-1.4301/S	AISI 304L	Silicone	150	3	2	0 / 0,1	14
P1-T/451-1.4301/V	AISI 304L	VITON	150	3	2	0 / 0,1	14
P1-T/451/B-1.4404/E	AISI 316L	EPDM	150	3	2	0 / 0,1	14
P1-T/451/B-1.4404/N	AISI 316L	NBR	150	3	2	0 / 0,1	14
P1-T/451/B-1.4404/S	AISI 316L	Silicone	150	3	2	0 / 0,1	14
P1-T/451/B-1.4404/V	AISI 316L	Viton	150	3	2	0 / 0,1	14

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/452-1.4301/E	AISI 304L	EPDM	200	3	2	0 / 0,1	15,8
P1-T/452-1.4301/N	AISI 304L	NBR	200	3	2	0 / 0,1	15,8
P1-T/452-1.4301/S	AISI 304L	Silicone	200	3	2	0 / 0,1	15,8
P1-T/452-1.4301/V	AISI 304L	VITON	200	3	2	0 / 0,1	15,8
P1-T/452/B-1.4404/E	AISI 316L	EPDM	200	3	2	0 / 0,1	15,8
P1-T/452/B-1.4404/N	AISI 316L	NBR	200	3	2	0 / 0,1	15,8
P1-T/452/B-1.4404/S	AISI 316L	Silicone	200	3	2	0 / 0,1	15,8
P1-T/452/B-1.4404/V	AISI 316L	Viton	200	3	2	0 / 0,1	15,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T/500

**Round manhole cover model:** T/500  
**Dimensions:** Ø 518 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T500  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/500-1.4301/E	AISI 304L	EPDM	100	3	3	0 / 0,1	16,2
P1-T/500-1.4301/N	AISI 304L	NBR	100	3	3	0 / 0,1	16,2
P1-T/500-1.4301/S	AISI 304L	Silicone	100	3	3	0 / 0,1	16,2
P1-T/500-1.4301/V	AISI 304L	VITON	100	3	3	0 / 0,1	16,2
P1-T/500/B-1.4404/E	AISI 316L	EPDM	100	3	3	0 / 0,1	16,2
P1-T/500/B-1.4404/N	AISI 316L	NBR	100	3	3	0 / 0,1	16,2
P1-T/500/B-1.4404/S	AISI 316L	Silicone	100	3	3	0 / 0,1	16,2
P1-T/500/B-1.4404/V	AISI 316L	Viton	100	3	3	0 / 0,1	16,2

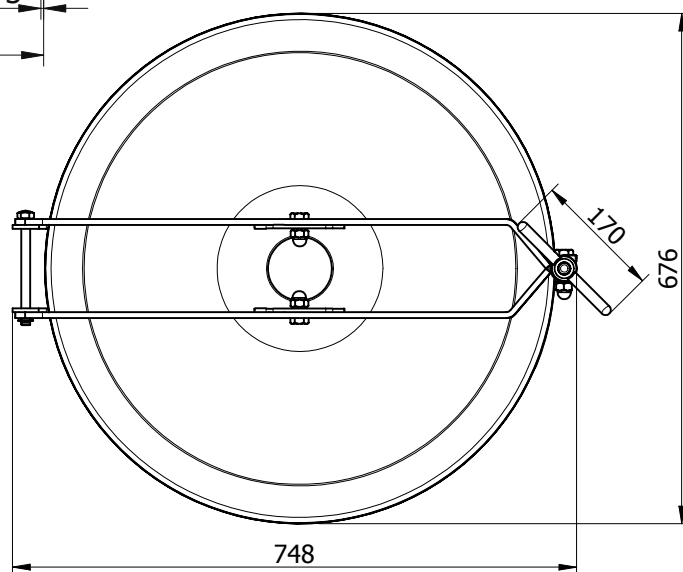
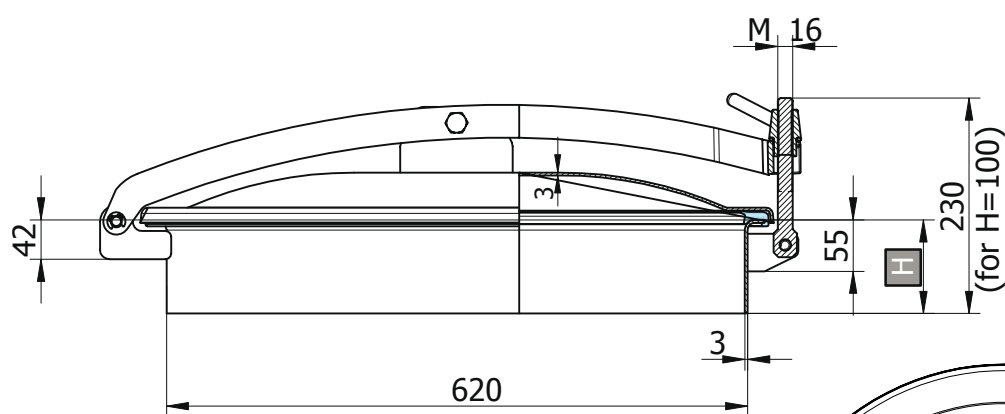
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/501-1.4301/E	AISI 304L	EPDM	150	3	3	0 / 0,1	18,1
P1-T/501-1.4301/N	AISI 304L	NBR	150	3	3	0 / 0,1	18,1
P1-T/501-1.4301/S	AISI 304L	Silicone	150	3	3	0 / 0,1	18,1
P1-T/501-1.4301/V	AISI 304L	VITON	150	3	3	0 / 0,1	18,1
P1-T/501/B-1.4404/E	AISI 316L	EPDM	150	3	3	0 / 0,1	18,1
P1-T/501/B-1.4404/N	AISI 316L	NBR	150	3	3	0 / 0,1	18,1
P1-T/501/B-1.4404/S	AISI 316L	Silicone	150	3	3	0 / 0,1	18,1
P1-T/501/B-1.4404/V	AISI 316L	Viton	150	3	3	0 / 0,1	18,1

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/502-1.4301/E	AISI 304L	EPDM	200	3	3	0 / 0,1	20
P1-T/502-1.4301/N	AISI 304L	NBR	200	3	3	0 / 0,1	20
P1-T/502-1.4301/S	AISI 304L	Silicone	200	3	3	0 / 0,1	20
P1-T/502-1.4301/V	AISI 304L	VITON	200	3	3	0 / 0,1	20
P1-T/502/B-1.4404/E	AISI 316L	EPDM	200	3	3	0 / 0,1	20
P1-T/502/B-1.4404/N	AISI 316L	NBR	200	3	3	0 / 0,1	20
P1-T/502/B-1.4404/S	AISI 316L	Silicone	200	3	3	0 / 0,1	20
P1-T/502/B-1.4404/V	AISI 316L	Viton	200	3	3	0 / 0,1	20

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T/600

**Round manhole cover model:** T/600  
**Dimensions:** Ø 620 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T650  
**type:** on frame not glued  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/600-1.4301/E	AISI 304L	EPDM	100	3	3	0,0	21
P1-T/600-1.4301/N	AISI 304L	NBR	100	3	3	0,0	21
P1-T/600-1.4301/S	AISI 304L	Silicone	100	3	3	0,0	21
P1-T/600-1.4301/V	AISI 304L	VITON	100	3	3	0,0	21
P1-T/600/B-1.4404/E	AISI 316L	EPDM	100	3	3	0,0	21
P1-T/600/B-1.4404/N	AISI 316L	NBR	100	3	3	0,0	21
P1-T/600/B-1.4404/S	AISI 316L	Silicone	100	3	3	0,0	21
P1-T/600/B-1.4404/V	AISI 316L	Viton	100	3	3	0,0	21

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/601-1.4301/E	AISI 304L	EPDM	150	3	3	0,0	23,7
P1-T/601-1.4301/N	AISI 304L	NBR	150	3	3	0,0	23,7
P1-T/601-1.4301/S	AISI 304L	Silicone	150	3	3	0,0	23,7
P1-T/601-1.4301/V	AISI 304L	VITON	150	3	3	0,0	23,7
P1-T/601/B-1.4404/E	AISI 316L	EPDM	150	3	3	0,0	23,7
P1-T/601/B-1.4404/N	AISI 316L	NBR	150	3	3	0,0	23,7
P1-T/601/B-1.4404/S	AISI 316L	Silicone	150	3	3	0,0	23,7
P1-T/601/B-1.4404/V	AISI 316L	Viton	150	3	3	0,0	23,7

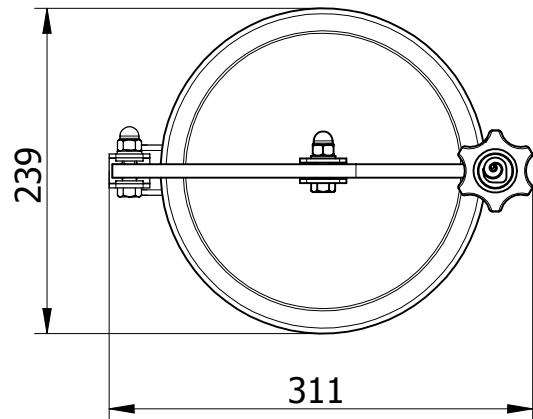
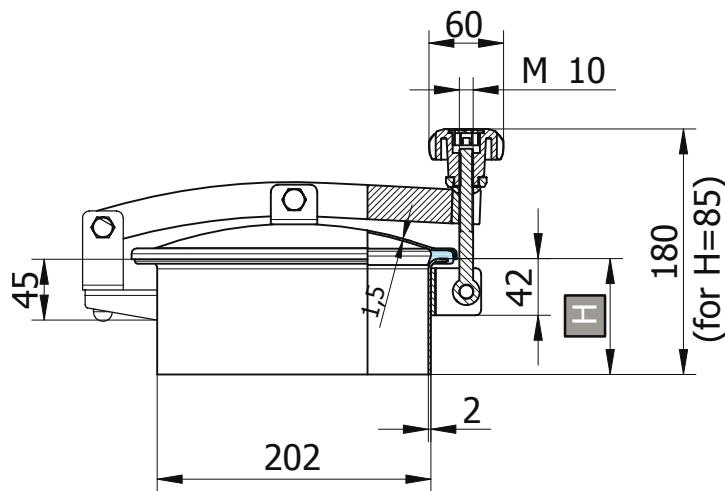
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T/602-1.4301/E	AISI 304L	EPDM	200	3	3	0,0	26,4
P1-T/602-1.4301/N	AISI 304L	NBR	200	3	3	0,0	26,4
P1-T/602-1.4301/S	AISI 304L	Silicone	200	3	3	0,0	26,4
P1-T/602-1.4301/V	AISI 304L	VITON	200	3	3	0,0	26,4
P1-T/602/B-1.4404/E	AISI 316L	EPDM	200	3	3	0,0	26,4
P1-T/602/B-1.4404/N	AISI 316L	NBR	200	3	3	0,0	26,4
P1-T/602/B-1.4404/S	AISI 316L	Silicone	200	3	3	0,0	26,4
P1-T/602/B-1.4404/V	AISI 316L	Viton	200	3	3	0,0	26,4

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# T1/200

<b>Round manhole cover model:</b>	T1/200
<b>Dimensions:</b>	Ø 202 mm
<b>Max working pressure</b>	0,5 bar
<b>Material:</b>	AISI 304L or AISI 316L
<b>Handwheel</b>	<b>standard:</b> MEC/60
	<b>on request:</b> VI/295
	MEC/80I
<b>Gasket standard:</b>	EPDM
	<b>on request:</b> Silicone, NBR, VITON
	<b>code:</b> G/T200
	<b>type:</b> on frame not glued
<b>Opening:</b>	back-side and side-swing opening
<b>Certificates on request:</b>	EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/200-1.4301/E	AISI 304L	EPDM	85	2	1,5	0 / 0,5	2,8
P1-T1/200-1.4301/N	AISI 304L	NBR	85	2	1,5	0 / 0,5	2,8
P1-T1/200-1.4301/S	AISI 304L	Silicone	85	2	1,5	0 / 0,5	2,8
P1-T1/200-1.4301/V	AISI 304L	VITON	85	2	1,5	0 / 0,5	2,8
P1-T1/200/B-1.4404/E	AISI 316L	EPDM	85	2	1,5	0 / 0,5	2,8
P1-T1/200/B-1.4404/N	AISI 316L	NBR	85	2	1,5	0 / 0,5	2,8
P1-T1/200/B-1.4404/S	AISI 316L	Silicone	85	2	1,5	0 / 0,5	2,8
P1-T1/200/B-1.4404/V	AISI 316L	Viton	85	2	1,5	0 / 0,5	2,8

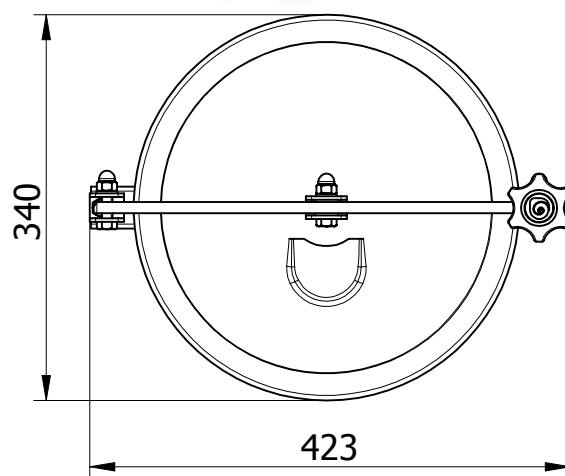
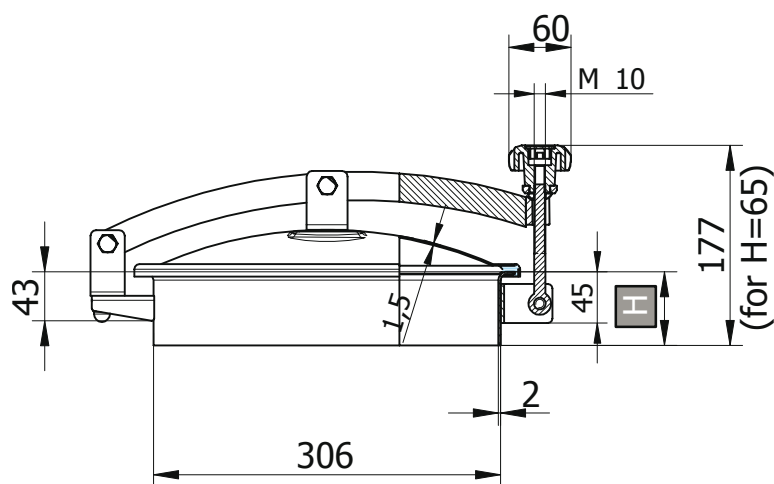
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/201-1.4301/E	AISI 304L	EPDM	150	2	1,5	0 / 0,5	3,5
P1-T1/201-1.4301/N	AISI 304L	NBR	150	2	1,5	0 / 0,5	3,5
P1-T1/201-1.4301/S	AISI 304L	Silicone	150	2	1,5	0 / 0,5	3,5
P1-T1/201-1.4301/V	AISI 304L	VITON	150	2	1,5	0 / 0,5	3,5
P1-T1/201/B-1.4404/E	AISI 316L	EPDM	150	2	1,5	0 / 0,5	3,5
P1-T1/201/B-1.4404/N	AISI 316L	NBR	150	2	1,5	0 / 0,5	3,5
P1-T1/201/B-1.4404/S	AISI 316L	Silicone	150	2	1,5	0 / 0,5	3,5
P1-T1/201/B-1.4404/V	AISI 316L	Viton	150	2	1,5	0 / 0,5	3,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/202-1.4301/E	AISI 304L	EPDM	200	2	1,5	0 / 0,5	4,1
P1-T1/202-1.4301/N	AISI 304L	NBR	200	2	1,5	0 / 0,5	4,1
P1-T1/202-1.4301/S	AISI 304L	Silicone	200	2	1,5	0 / 0,5	4,1
P1-T1/202-1.4301/V	AISI 304L	VITON	200	2	1,5	0 / 0,5	4,1
P1-T1/202/B-1.4404/E	AISI 316L	EPDM	200	2	1,5	0 / 0,5	4,1
P1-T1/202/B-1.4404/N	AISI 316L	NBR	200	2	1,5	0 / 0,5	4,1
P1-T1/202/B-1.4404/S	AISI 316L	Silicone	200	2	1,5	0 / 0,5	4,1
P1-T1/202/B-1.4404/V	AISI 316L	Viton	200	2	1,5	0 / 0,5	4,1

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T1/300

**Round manhole cover model:** T1/300  
**Dimensions:** Ø 306 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel** **standard:** MEC/60  
**on request:** VI/295  
MEC/80I  
**Gasket** **standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T300  
**type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/300-1.4301/E	AISI 304L	EPDM	65	2	1,5	0 / 0,1	3,4
P1-T1/300-1.4301/N	AISI 304L	NBR	65	2	1,5	0 / 0,1	3,4
P1-T1/300-1.4301/S	AISI 304L	Silicone	65	2	1,5	0 / 0,1	3,4
P1-T1/300-1.4301/V	AISI 304L	VITON	65	2	1,5	0 / 0,1	3,4

P1-T1/300/B-1.4404/E	AISI 316L	EPDM	65	2	1,5	0 / 0,1	3,4
P1-T1/300/B-1.4404/N	AISI 316L	NBR	65	2	1,5	0 / 0,1	3,4
P1-T1/300/B-1.4404/S	AISI 316L	Silicone	65	2	1,5	0 / 0,1	3,4
P1-T1/300/B-1.4404/V	AISI 316L	Viton	65	2	1,5	0 / 0,1	3,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/302-1.4301/E	AISI 304L	EPDM	150	2	1,5	0 / 0,1	4,4
P1-T1/302-1.4301/N	AISI 304L	NBR	150	2	1,5	0 / 0,1	4,4
P1-T1/302-1.4301/S	AISI 304L	Silicone	150	2	1,5	0 / 0,1	4,4
P1-T1/302-1.4301/V	AISI 304L	VITON	150	2	1,5	0 / 0,1	4,4

P1-T1/302/B-1.4404/E	AISI 316L	EPDM	150	2	1,5	0 / 0,1	4,4
P1-T1/302/B-1.4404/N	AISI 316L	NBR	150	2	1,5	0 / 0,1	4,4
P1-T1/302/B-1.4404/S	AISI 316L	Silicone	150	2	1,5	0 / 0,1	4,4
P1-T1/302/B-1.4404/V	AISI 316L	Viton	150	2	1,5	0 / 0,1	4,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/301-1.4301/E	AISI 304L	EPDM	100	2	1,5	0 / 0,1	3,8
P1-T1/301-1.4301/N	AISI 304L	NBR	100	2	1,5	0 / 0,1	3,8
P1-T1/301-1.4301/S	AISI 304L	Silicone	100	2	1,5	0 / 0,1	3,8
P1-T1/301-1.4301/V	AISI 304L	VITON	100	2	1,5	0 / 0,1	3,8

P1-T1/301/B-1.4404/E	AISI 316L	EPDM	100	2	1,5	0 / 0,1	3,8
P1-T1/301/B-1.4404/N	AISI 316L	NBR	100	2	1,5	0 / 0,1	3,8
P1-T1/301/B-1.4404/S	AISI 316L	Silicone	100	2	1,5	0 / 0,1	3,8
P1-T1/301/B-1.4404/V	AISI 316L	Viton	100	2	1,5	0 / 0,1	3,8

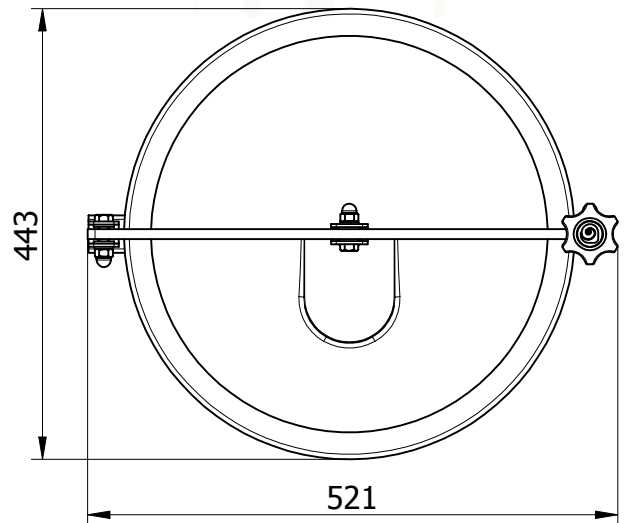
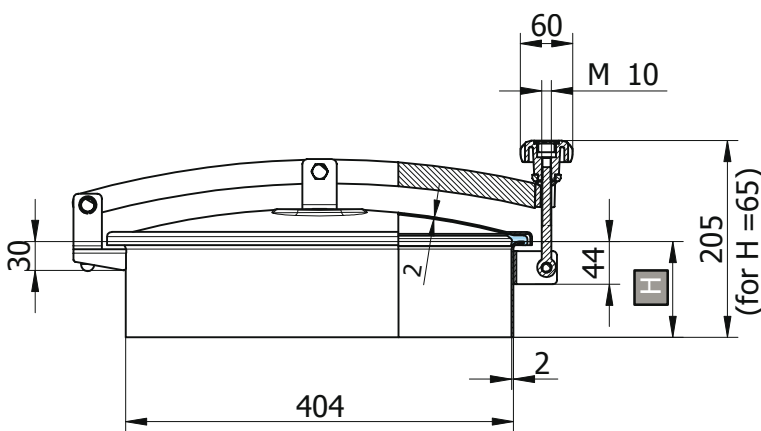
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/303-1.4301/E	AISI 304L	EPDM	200	2	1,5	0 / 0,1	5
P1-T1/303-1.4301/N	AISI 304L	NBR	200	2	1,5	0 / 0,1	5
P1-T1/303-1.4301/S	AISI 304L	Silicone	200	2	1,5	0 / 0,1	5
P1-T1/303-1.4301/V	AISI 304L	VITON	200	2	1,5	0 / 0,1	5

P1-T1/303/B-1.4404/E	AISI 316L	EPDM	200	2	1,5	0 / 0,1	5
P1-T1/303/B-1.4404/N	AISI 316L	NBR	200	2	1,5	0 / 0,1	5
P1-T1/303/B-1.4404/S	AISI 316L	Silicone	200	2	1,5	0 / 0,1	5
P1-T1/303/B-1.4404/V	AISI 316L	Viton	200	2	1,5	0 / 0,1	5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T1/400

**Round manhole cover model:** T1/400  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/60  
**on request:** VI/295, MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T400  
**type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/400-1.4301/E	AISI 304L	EPDM	65	2	2	0,0	5,7
P1-T1/400-1.4301/N	AISI 304L	NBR	65	2	2	0,0	5,7
P1-T1/400-1.4301/S	AISI 304L	Silicone	65	2	2	0,0	5,7
P1-T1/400-1.4301/V	AISI 304L	VITON	65	2	2	0,0	5,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/401-1.4301/E	AISI 304L	EPDM	100	2	2	0,0	6,4
P1-T1/401-1.4301/N	AISI 304L	NBR	100	2	2	0,0	6,4
P1-T1/401-1.4301/S	AISI 304L	Silicone	100	2	2	0,0	6,4
P1-T1/401-1.4301/V	AISI 304L	VITON	100	2	2	0,0	6,4

P1-T1/400/B-1.4404/E	AISI 316L	EPDM	65	2	2	0,0	5,7
P1-T1/400/B-1.4404/N	AISI 316L	NBR	65	2	2	0,0	5,7
P1-T1/400/B-1.4404/S	AISI 316L	Silicone	65	2	2	0,0	5,7
P1-T1/400/B-1.4404/V	AISI 316L	Viton	65	2	2	0,0	5,7

P1-T1/401/B-1.4404/E	AISI 316L	EPDM	100	2	2	0,0	6,4
P1-T1/401/B-1.4404/N	AISI 316L	NBR	100	2	2	0,0	6,4
P1-T1/401/B-1.4404/S	AISI 316L	Silicone	100	2	2	0,0	6,4
P1-T1/401/B-1.4404/V	AISI 316L	Viton	100	2	2	0,0	6,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/402-1.4301/E	AISI 304L	EPDM	150	2	2	0,0	7,3
P1-T1/402-1.4301/N	AISI 304L	NBR	150	2	2	0,0	7,3
P1-T1/402-1.4301/S	AISI 304L	Silicone	150	2	2	0,0	7,3
P1-T1/402-1.4301/V	AISI 304L	VITON	150	2	2	0,0	7,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/403-1.4301/E	AISI 304L	EPDM	200	2	2	0,0	8,4
P1-T1/403-1.4301/N	AISI 304L	NBR	200	2	2	0,0	8,4
P1-T1/403-1.4301/S	AISI 304L	Silicone	200	2	2	0,0	8,4
P1-T1/403-1.4301/V	AISI 304L	VITON	200	2	2	0,0	8,4

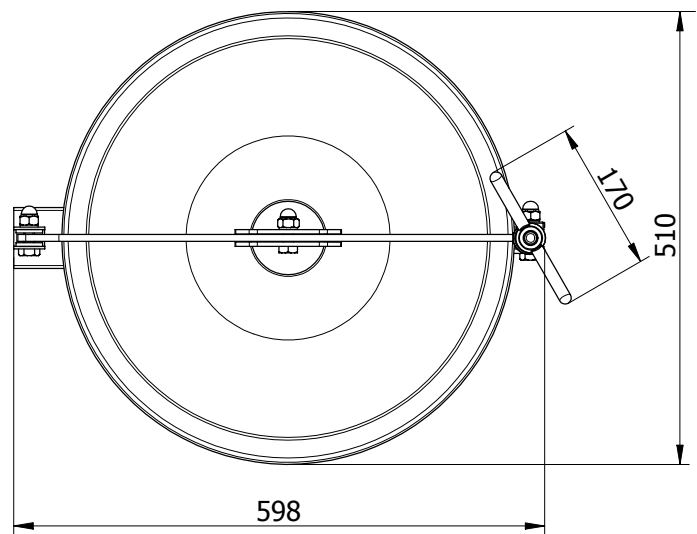
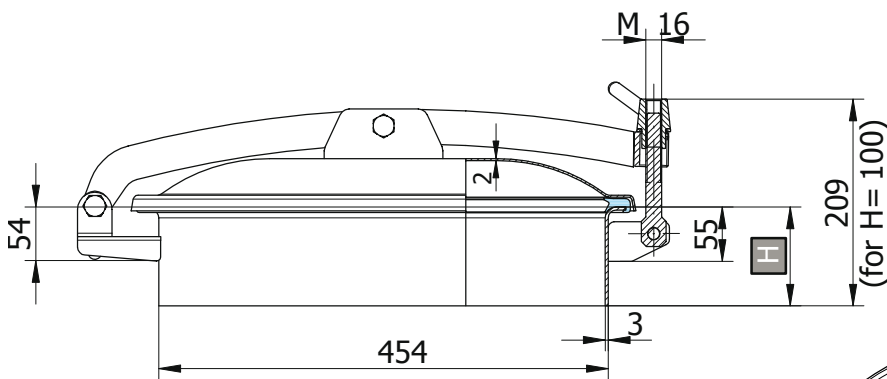
P1-T1/402/B-1.4404/E	AISI 316L	EPDM	150	2	2	0,0	7,3
P1-T1/402/B-1.4404/N	AISI 316L	NBR	150	2	2	0,0	7,3
P1-T1/402/B-1.4404/S	AISI 316L	Silicone	150	2	2	0,0	7,3
P1-T1/402/B-1.4404/V	AISI 316L	Viton	150	2	2	0,0	7,3

P1-T1/403/B-1.4404/E	AISI 316L	EPDM	200	2	2	0,0	8,4
P1-T1/403/B-1.4404/N	AISI 316L	NBR	200	2	2	0,0	8,4
P1-T1/403/B-1.4404/S	AISI 316L	Silicone	200	2	2	0,0	8,4
P1-T1/403/B-1.4404/V	AISI 316L	Viton	200	2	2	0,0	8,4

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T1/450

<b>Round manhole cover model:</b>	T1/450
<b>Dimensions:</b>	Ø 454 mm
<b>Max working pressure:</b>	0,0 bar
<b>Material:</b>	AISI 304L or AISI 316L
<b>Handwheel</b>	<b>standard:</b> VI/165A
	<b>on request:</b> MEC/80I
<b>Gasket</b>	<b>standard:</b> EPDM
	<b>on request:</b> Silicone, NBR, VITON
	<b>code:</b> G/T450
	<b>type:</b> on frame not glued
<b>Opening:</b>	back-side and side-swing opening
<b>On request:</b>	hole for relief valve
<b>Certificates on request:</b>	EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/450-1.4301/E	AISI 304L	EPDM	100	3	2	0,0	11
P1-T1/450-1.4301/N	AISI 304L	NBR	100	3	2	0,0	11
P1-T1/450-1.4301/S	AISI 304L	Silicone	100	3	2	0,0	11
P1-T1/450-1.4301/V	AISI 304L	VITON	100	3	2	0,0	11
P1-T1/450/B-1.4404/E	AISI 316L	EPDM	100	3	2	0,0	11
P1-T1/450/B-1.4404/N	AISI 316L	NBR	100	3	2	0,0	11
P1-T1/450/B-1.4404/S	AISI 316L	Silicone	100	3	2	0,0	11
P1-T1/450/B-1.4404/V	AISI 316L	Viton	100	3	2	0,0	11

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/451-1.4301/E	AISI 304L	EPDM	150	3	2	0,0	12,8
P1-T1/451-1.4301/N	AISI 304L	NBR	150	3	2	0,0	12,8
P1-T1/451-1.4301/S	AISI 304L	Silicone	150	3	2	0,0	12,8
P1-T1/451-1.4301/V	AISI 304L	VITON	150	3	2	0,0	12,8
P1-T1/451/B-1.4404/E	AISI 316L	EPDM	150	3	2	0,0	12,8
P1-T1/451/B-1.4404/N	AISI 316L	NBR	150	3	2	0,0	12,8
P1-T1/451/B-1.4404/S	AISI 316L	Silicone	150	3	2	0,0	12,8
P1-T1/451/B-1.4404/V	AISI 316L	Viton	150	3	2	0,0	12,8

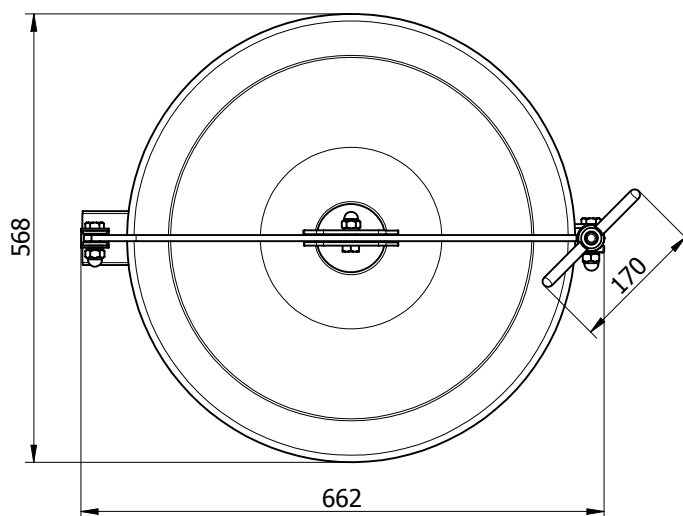
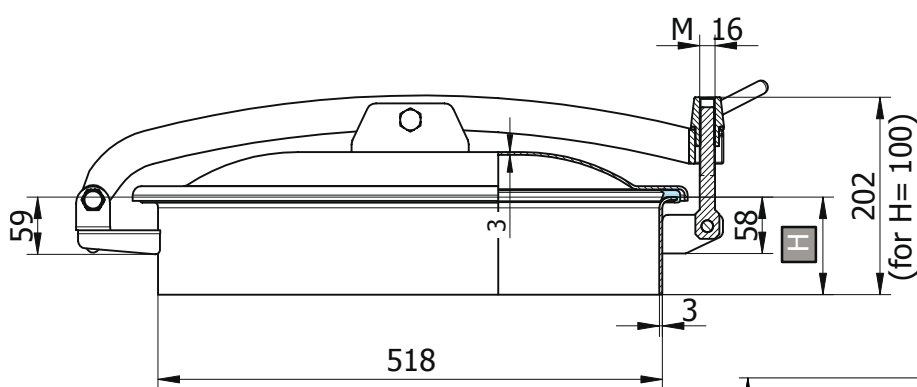
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/452-1.4301/E	AISI 304L	EPDM	200	3	2	0,0	14,6
P1-T1/452-1.4301/N	AISI 304L	NBR	200	3	2	0,0	14,6
P1-T1/452-1.4301/S	AISI 304L	Silicone	200	3	2	0,0	14,6
P1-T1/452-1.4301/V	AISI 304L	VITON	200	3	2	0,0	14,6
P1-T1/452/B-1.4404/E	AISI 316L	EPDM	200	3	2	0,0	14,6
P1-T1/452/B-1.4404/N	AISI 316L	NBR	200	3	2	0,0	14,6
P1-T1/452/B-1.4404/S	AISI 316L	Silicone	200	3	2	0,0	14,6
P1-T1/452/B-1.4404/V	AISI 316L	Viton	200	3	2	0,0	14,6

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# T1/500

<b>Round manhole cover model:</b>	T1/500
<b>Dimensions:</b>	Ø 518 mm
<b>Max working pressure:</b>	0,0 bar
<b>Material:</b>	AISI 304L or AISI 316L
<b>Handwheel</b>	<b>standard:</b> VI/165A
	<b>on request:</b> MEC/80I
<b>Gasket</b>	<b>standard:</b> EPDM
	<b>on request:</b> Silicone, NBR, VITON
	<b>code:</b> G/T500
	<b>type:</b> on frame not glued
<b>Opening:</b>	back-side and side-swing opening
<b>On request:</b>	hole for relief valve
<b>Certificates on request:</b>	EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/500-1.4301/E	AISI 304L	EPDM	100	3	3	0,0	14,8
P1-T1/500-1.4301/N	AISI 304L	NBR	100	3	3	0,0	14,8
P1-T1/500-1.4301/S	AISI 304L	Silicone	100	3	3	0,0	14,8
P1-T1/500-1.4301/V	AISI 304L	VITON	100	3	3	0,0	14,8
P1-T1/500/B-1.4404/E	AISI 316L	EPDM	100	3	3	0,0	14,8
P1-T1/500/B-1.4404/N	AISI 316L	NBR	100	3	3	0,0	14,8
P1-T1/500/B-1.4404/S	AISI 316L	Silicone	100	3	3	0,0	14,8
P1-T1/500/B-1.4404/V	AISI 316L	Viton	100	3	3	0,0	14,8

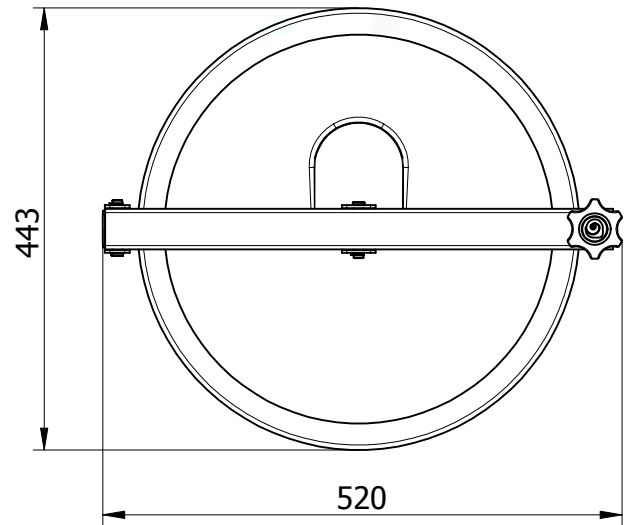
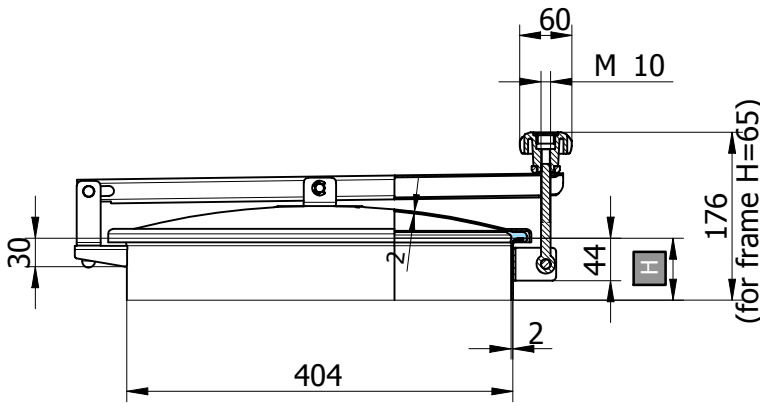
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/501-1.4301/E	AISI 304L	EPDM	150	3	3	0,0	16,7
P1-T1/501-1.4301/N	AISI 304L	NBR	150	3	3	0,0	16,7
P1-T1/501-1.4301/S	AISI 304L	Silicone	150	3	3	0,0	16,7
P1-T1/501-1.4301/V	AISI 304L	VITON	150	3	3	0,0	16,7
P1-T1/501/B-1.4404/E	AISI 316L	EPDM	150	3	3	0,0	16,7
P1-T1/501/B-1.4404/N	AISI 316L	NBR	150	3	3	0,0	16,7
P1-T1/501/B-1.4404/S	AISI 316L	Silicone	150	3	3	0,0	16,7
P1-T1/501/B-1.4404/V	AISI 316L	Viton	150	3	3	0,0	16,7

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-T1/502-1.4301/E	AISI 304L	EPDM	200	3	3	0,0	18,6
P1-T1/502-1.4301/N	AISI 304L	NBR	200	3	3	0,0	18,6
P1-T1/502-1.4301/S	AISI 304L	Silicone	200	3	3	0,0	18,6
P1-T1/502-1.4301/V	AISI 304L	VITON	200	3	3	0,0	18,6
P1-T1/502/B-1.4404/E	AISI 316L	EPDM	200	3	3	0,0	18,6
P1-T1/502/B-1.4404/N	AISI 316L	NBR	200	3	3	0,0	18,6
P1-T1/502/B-1.4404/S	AISI 316L	Silicone	200	3	3	0,0	18,6
P1-T1/502/B-1.4404/V	AISI 316L	Viton	200	3	3	0,0	18,6

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# TV/400

**Round manhole cover model:** TV/400  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** MEC/60  
                   **on request:** VI/295, MEC/80I  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/T400  
                   **type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/400-1.4301/E	AISI 304L	EPDM	65	2	2	0,0	5,6
P1-TV/400-1.4301/N	AISI 304L	NBR	65	2	2	0,0	5,6
P1-TV/400-1.4301/S	AISI 304L	Silicone	65	2	2	0,0	5,6
P1-TV/400-1.4301/V	AISI 304L	VITON	65	2	2	0,0	5,6
P1-TV/400/B-1.4404/E	AISI 316L	EPDM	65	2	2	0,0	5,6
P1-TV/400/B-1.4404/N	AISI 316L	NBR	65	2	2	0,0	5,6
P1-TV/400/B-1.4404/S	AISI 316L	Silicone	65	2	2	0,0	5,6
P1-TV/400/B-1.4404/V	AISI 316L	Viton	65	2	2	0,0	5,6

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/401-1.4301/E	AISI 304L	EPDM	100	2	2	0,0	6,3
P1-TV/401-1.4301/N	AISI 304L	NBR	100	2	2	0,0	6,3
P1-TV/401-1.4301/S	AISI 304L	Silicone	100	2	2	0,0	6,3
P1-TV/401-1.4301/V	AISI 304L	VITON	100	2	2	0,0	6,3
P1-TV/401/B-1.4404/E	AISI 316L	EPDM	100	2	2	0,0	6,3
P1-TV/401/B-1.4404/N	AISI 316L	NBR	100	2	2	0,0	6,3
P1-TV/401/B-1.4404/S	AISI 316L	Silicone	100	2	2	0,0	6,3
P1-TV/401/B-1.4404/V	AISI 316L	Viton	100	2	2	0,0	6,3

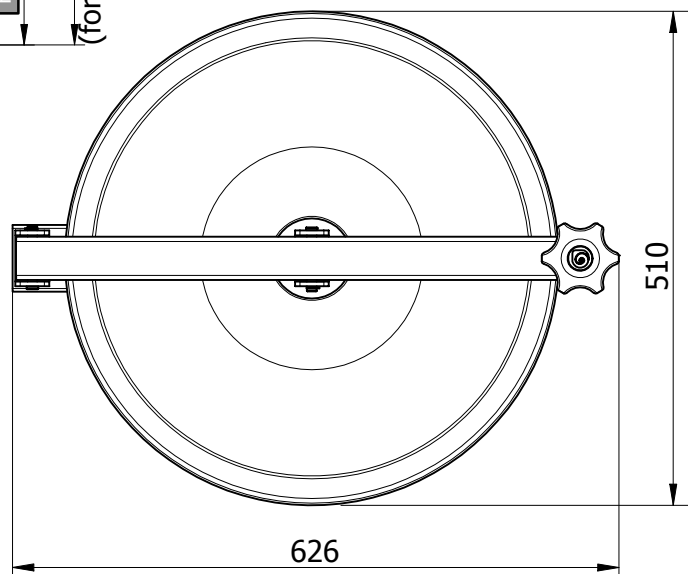
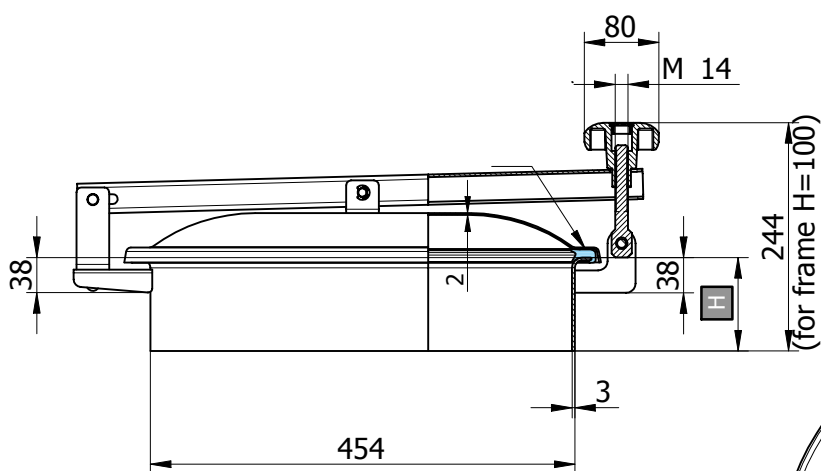
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/402-1.4301/E	AISI 304L	EPDM	150	2	2	0,0	7,3
P1-TV/402-1.4301/N	AISI 304L	NBR	150	2	2	0,0	7,3
P1-TV/402-1.4301/S	AISI 304L	Silicone	150	2	2	0,0	7,3
P1-TV/402-1.4301/V	AISI 304L	VITON	150	2	2	0,0	7,3
P1-TV/402/B-1.4404/E	AISI 316L	EPDM	150	2	2	0,0	7,3
P1-TV/402/B-1.4404/N	AISI 316L	NBR	150	2	2	0,0	7,3
P1-TV/402/B-1.4404/S	AISI 316L	Silicone	150	2	2	0,0	7,3
P1-TV/402/B-1.4404/V	AISI 316L	Viton	150	2	2	0,0	7,3

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/403-1.4301/E	AISI 304L	EPDM	200	2	2	0,0	8,3
P1-TV/403-1.4301/N	AISI 304L	NBR	200	2	2	0,0	8,3
P1-TV/403-1.4301/S	AISI 304L	Silicone	200	2	2	0,0	8,3
P1-TV/403-1.4301/V	AISI 304L	VITON	200	2	2	0,0	8,3
P1-TV/403/B-1.4404/E	AISI 316L	EPDM	200	2	2	0,0	8,3
P1-TV/403/B-1.4404/N	AISI 316L	NBR	200	2	2	0,0	8,3
P1-TV/403/B-1.4404/S	AISI 316L	Silicone	200	2	2	0,0	8,3
P1-TV/403/B-1.4404/V	AISI 316L	Viton	200	2	2	0,0	8,3

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# TV/450

**Round manhole cover model:** TV/450  
**Dimensions:** Ø 454 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80A  
**on request:** MEC/80I, VI/Z175A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T450  
**type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/450-1.4301/E	AISI 304L	EPDM	100	3	2	0 / 0,0	12,2
P1-TV/450-1.4301/N	AISI 304L	NBR	100	3	2	0 / 0,0	12,2
P1-TV/450-1.4301/S	AISI 304L	Silicone	100	3	2	0 / 0,0	12,2
P1-TV/450-1.4301/V	AISI 304L	VITON	100	3	2	0 / 0,0	12,2
P1-TV/450/B-1.4404/E	AISI 316L	EPDM	100	3	2	0 / 0,0	12,2
P1-TV/450/B-1.4404/N	AISI 316L	NBR	100	3	2	0 / 0,0	12,2
P1-TV/450/B-1.4404/S	AISI 316L	Silicone	100	3	2	0 / 0,0	12,2
P1-TV/450/B-1.4404/V	AISI 316L	Viton	100	3	2	0 / 0,0	12,2

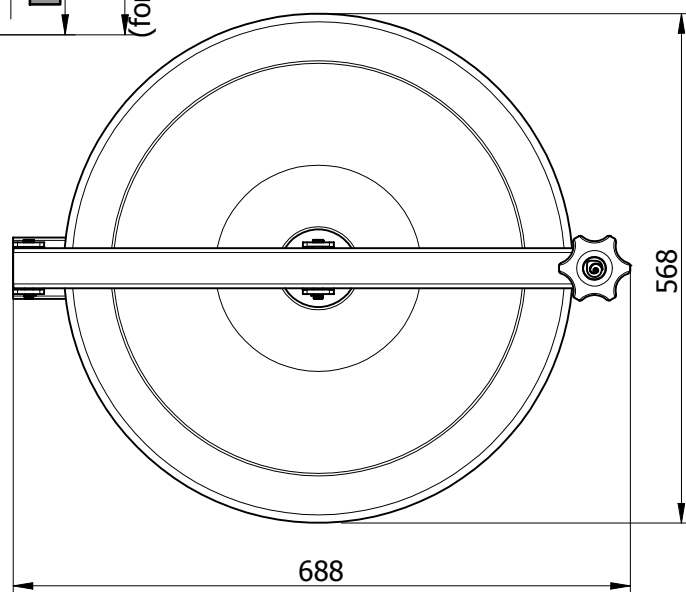
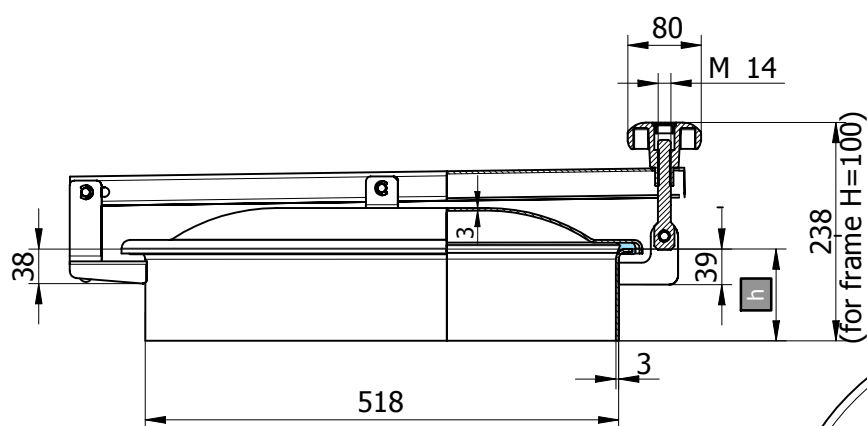
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/451-1.4301/E	AISI 304L	EPDM	150	3	2	0 / 0,0	14
P1-TV/451-1.4301/N	AISI 304L	NBR	150	3	2	0 / 0,0	14
P1-TV/451-1.4301/S	AISI 304L	Silicone	150	3	2	0 / 0,0	14
P1-TV/451-1.4301/V	AISI 304L	VITON	150	3	2	0 / 0,0	14
P1-TV/451/B-1.4404/E	AISI 316L	EPDM	150	3	2	0 / 0,0	14
P1-TV/451/B-1.4404/N	AISI 316L	NBR	150	3	2	0 / 0,0	14
P1-TV/451/B-1.4404/S	AISI 316L	Silicone	150	3	2	0 / 0,0	14
P1-TV/451/B-1.4404/V	AISI 316L	Viton	150	3	2	0 / 0,0	14

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/452-1.4301/E	AISI 304L	EPDM	200	3	2	0 / 0,0	15,8
P1-TV/452-1.4301/N	AISI 304L	NBR	200	3	2	0 / 0,0	15,8
P1-TV/452-1.4301/S	AISI 304L	Silicone	200	3	2	0 / 0,0	15,8
P1-TV/452-1.4301/V	AISI 304L	VITON	200	3	2	0 / 0,0	15,8
P1-TV/452/B-1.4404/E	AISI 316L	EPDM	200	3	2	0 / 0,0	15,8
P1-TV/452/B-1.4404/N	AISI 316L	NBR	200	3	2	0 / 0,0	15,8
P1-TV/452/B-1.4404/S	AISI 316L	Silicone	200	3	2	0 / 0,0	15,8
P1-TV/452/B-1.4404/V	AISI 316L	Viton	200	3	2	0 / 0,0	15,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# TV/500

**Round manhole cover model:** TV/500  
**Dimensions:** Ø 518 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80A  
**on request:** MEC/80I, VI/Z175A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T500  
**type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/500-1.4301/E	AISI 304L	EPDM	100	3	3	0 / 0,0	14,4
P1-TV/500-1.4301/N	AISI 304L	NBR	100	3	3	0 / 0,0	14,4
P1-TV/500-1.4301/S	AISI 304L	Silicone	100	3	3	0 / 0,0	14,4
P1-TV/500-1.4301/V	AISI 304L	VITON	100	3	3	0 / 0,0	14,4
P1-TV/500/B-1.4404/E	AISI 316L	EPDM	100	3	3	0 / 0,0	14,4
P1-TV/500/B-1.4404/N	AISI 316L	NBR	100	3	3	0 / 0,0	14,4
P1-TV/500/B-1.4404/S	AISI 316L	Silicone	100	3	3	0 / 0,0	14,4
P1-TV/500/B-1.4404/V	AISI 316L	Viton	100	3	3	0 / 0,0	14,4

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/501-1.4301/E	AISI 304L	EPDM	150	3	3	0 / 0,0	16
P1-TV/501-1.4301/N	AISI 304L	NBR	150	3	3	0 / 0,0	16
P1-TV/501-1.4301/S	AISI 304L	Silicone	150	3	3	0 / 0,0	16
P1-TV/501-1.4301/V	AISI 304L	VITON	150	3	3	0 / 0,0	16
P1-TV/501/B-1.4404/E	AISI 316L	EPDM	150	3	3	0 / 0,0	16
P1-TV/501/B-1.4404/N	AISI 316L	NBR	150	3	3	0 / 0,0	16
P1-TV/501/B-1.4404/S	AISI 316L	Silicone	150	3	3	0 / 0,0	16
P1-TV/501/B-1.4404/V	AISI 316L	Viton	150	3	3	0 / 0,0	16

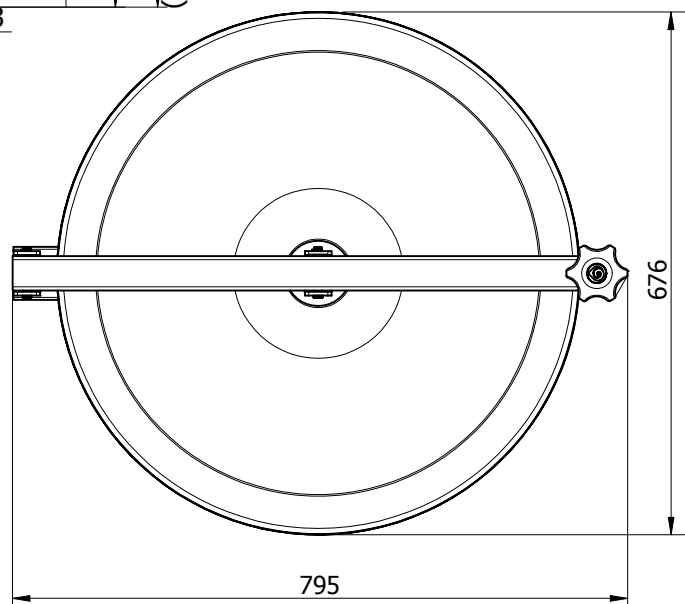
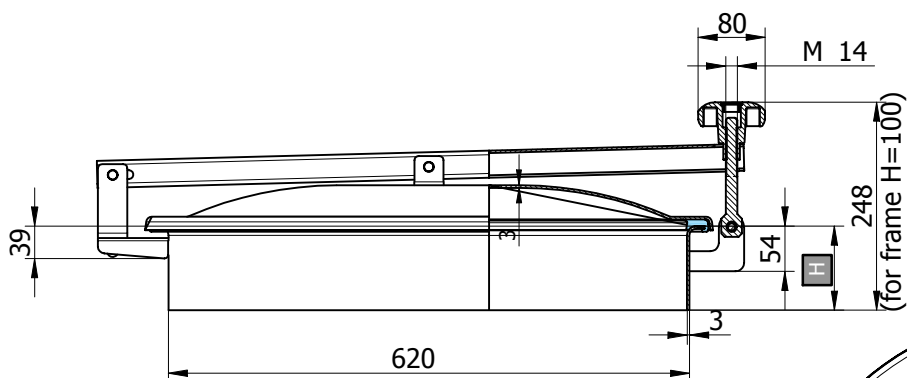
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/502-1.4301/E	AISI 304L	EPDM	200	3	3	0 / 0,0	17,7
P1-TV/502-1.4301/N	AISI 304L	NBR	200	3	3	0 / 0,0	17,7
P1-TV/502-1.4301/S	AISI 304L	Silicone	200	3	3	0 / 0,0	17,7
P1-TV/502-1.4301/V	AISI 304L	VITON	200	3	3	0 / 0,0	17,7
P1-TV/502/B-1.4404/E	AISI 316L	EPDM	200	3	3	0 / 0,0	17,7
P1-TV/502/B-1.4404/N	AISI 316L	NBR	200	3	3	0 / 0,0	17,7
P1-TV/502/B-1.4404/S	AISI 316L	Silicone	200	3	3	0 / 0,0	17,7
P1-TV/502/B-1.4404/V	AISI 316L	Viton	200	3	3	0 / 0,0	17,7

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



# TV/600

**Round manhole cover model:** TV/600  
**Dimensions:** Ø 620 mm  
**Max working pressure:** 0,0 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80A  
**on request:** MEC/80I, VI/Z175A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T600  
**type:** on frame not glued  
**Opening:** back-side and side-swing opening  
**On request:** hole for relief valve  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/600-1.4301/E	AISI 304L	EPDM	100	3	3	0 / 0,0	18,8
P1-TV/600-1.4301/N	AISI 304L	NBR	100	3	3	0 / 0,0	18,8
P1-TV/600-1.4301/S	AISI 304L	Silicone	100	3	3	0 / 0,0	18,8
P1-TV/600-1.4301/V	AISI 304L	VITON	100	3	3	0 / 0,0	18,8
P1-TV/600/B-1.4404/E	AISI 316L	EPDM	100	3	3	0 / 0,0	18,8
P1-TV/600/B-1.4404/N	AISI 316L	NBR	100	3	3	0 / 0,0	18,8
P1-TV/600/B-1.4404/S	AISI 316L	Silicone	100	3	3	0 / 0,0	18,8
P1-TV/600/B-1.4404/V	AISI 316L	Viton	100	3	3	0 / 0,0	18,8

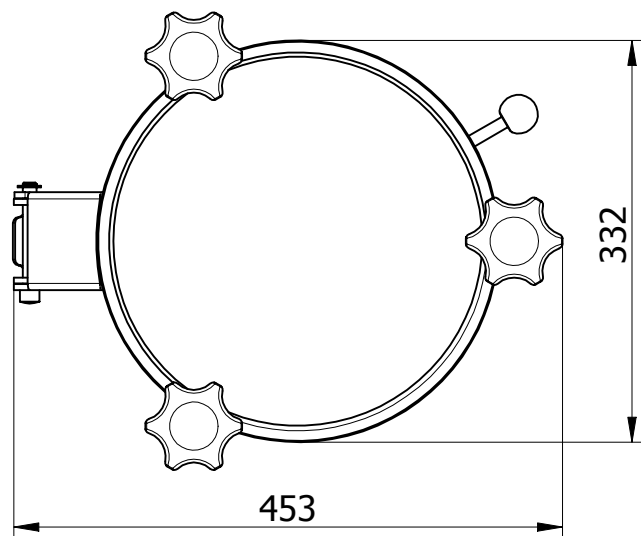
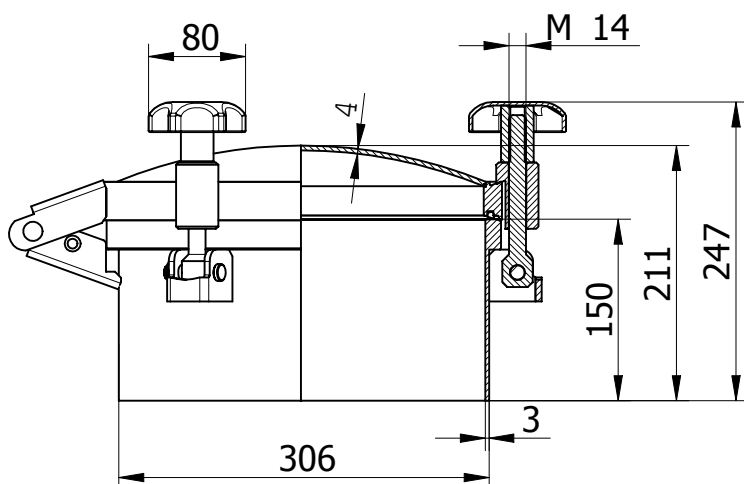
Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/601-1.4301/E	AISI 304L	EPDM	150	3	3	0 / 0,0	21,5
P1-TV/601-1.4301/N	AISI 304L	NBR	150	3	3	0 / 0,0	21,5
P1-TV/601-1.4301/S	AISI 304L	Silicone	150	3	3	0 / 0,0	21,5
P1-TV/601-1.4301/V	AISI 304L	VITON	150	3	3	0 / 0,0	21,5
P1-TV/601/B-1.4404/E	AISI 316L	EPDM	150	3	3	0 / 0,0	21,5
P1-TV/601/B-1.4404/N	AISI 316L	NBR	150	3	3	0 / 0,0	21,5
P1-TV/601/B-1.4404/S	AISI 316L	Silicone	150	3	3	0 / 0,0	21,5
P1-TV/601/B-1.4404/V	AISI 316L	Viton	150	3	3	0 / 0,0	21,5

Code	Material	Gasket	Height (H)	S1	S2	Max press bar	Kg
P1-TV/602-1.4301/E	AISI 304L	EPDM	200	3	3	0 / 0,0	24,3
P1-TV/602-1.4301/N	AISI 304L	NBR	200	3	3	0 / 0,0	24,3
P1-TV/602-1.4301/S	AISI 304L	Silicone	200	3	3	0 / 0,0	24,3
P1-TV/602-1.4301/V	AISI 304L	VITON	200	3	3	0 / 0,0	24,3
P1-TV/602/B-1.4404/E	AISI 316L	EPDM	200	3	3	0 / 0,0	24,3
P1-TV/602/B-1.4404/N	AISI 316L	NBR	200	3	3	0 / 0,0	24,3
P1-TV/602/B-1.4404/S	AISI 316L	Silicone	200	3	3	0 / 0,0	24,3
P1-TV/602/B-1.4404/V	AISI 316L	Viton	200	3	3	0 / 0,0	24,3

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# 300L

**Round pressure manhole cover light model:** 300L  
**Dimensions:** Ø 306 mm  
**Max working pressure:** -1/+1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80 (nylon)  
**on request:** MEC/80I (stainless)  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/300P  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



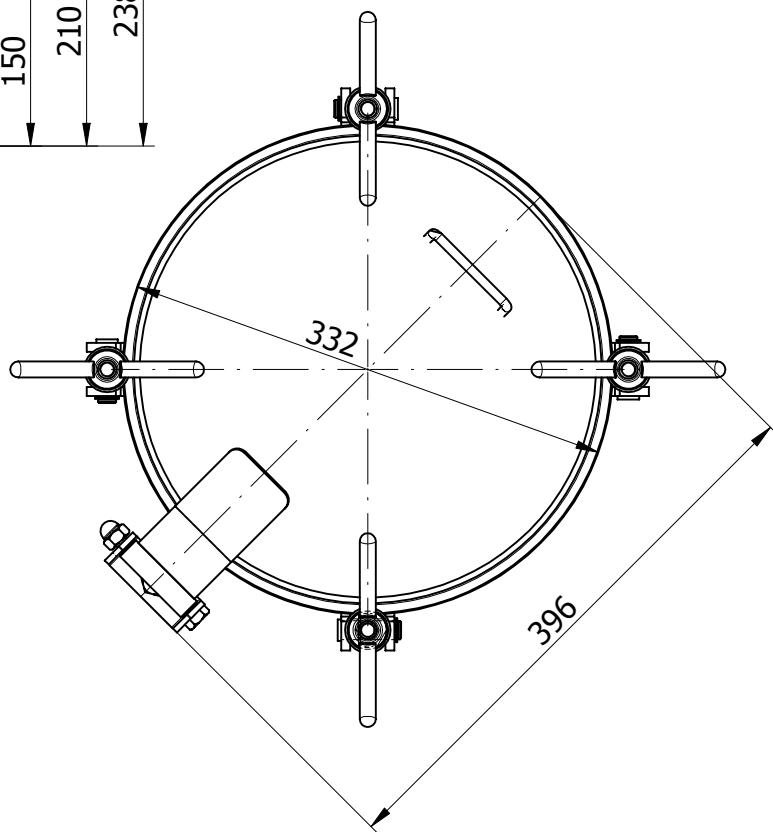
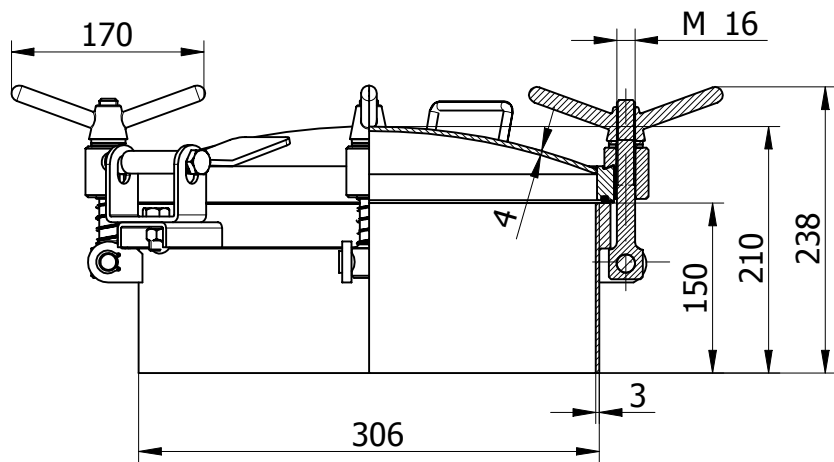
Values for working temperature max 100 °C.

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-300L-1.4301/E	AISI 304L	EPDM	150	3	4	3	-1/+1	15,5
P1-300L-1.4301/N	AISI 304L	NBR	150	3	4	3	-1/+1	15,5
P1-300L-1.4301/S	AISI 304L	Silicone	150	3	4	3	-1/+1	15,5
P1-300L-1.4301/V	AISI 304L	VITON	150	3	4	3	-1/+1	15,5
P1-300L/B-1.4404/E	AISI 316L	EPDM	150	3	4	3	-1/+1	15,5
P1-300L/B-1.4404/N	AISI 316L	NBR	150	3	4	3	-1/+1	15,5
P1-300L/B-1.4404/S	AISI 316L	Silicone	150	3	4	3	-1/+1	15,5
P1-300L/B-1.4404/V	AISI 316L	Viton	150	3	4	3	-1/+1	15,5

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 300P PED

**Round pressure manhole cover model:** 300P  
**Dimensions:** Ø 306 mm  
**Max working pressure:** -1/+5,4 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/300P  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



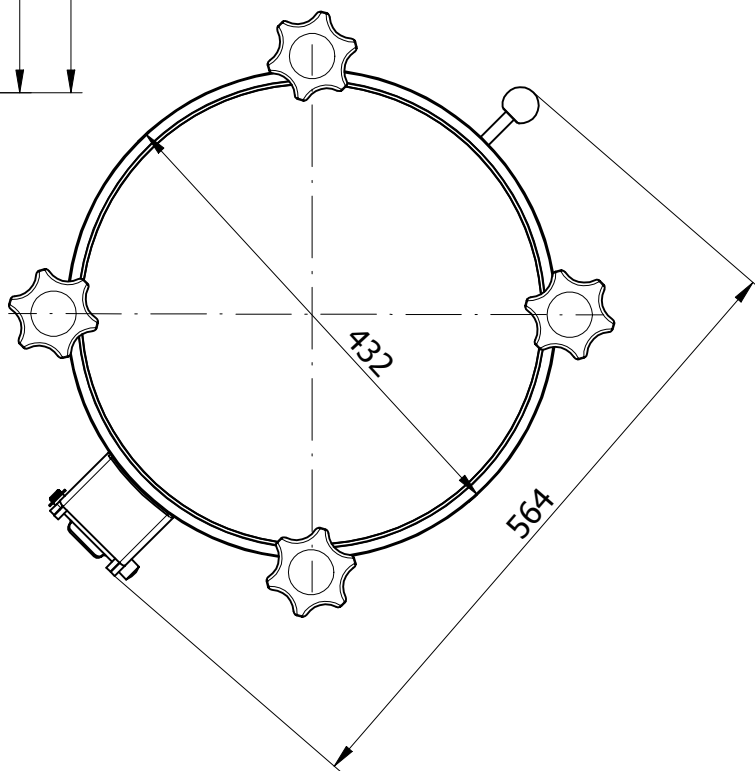
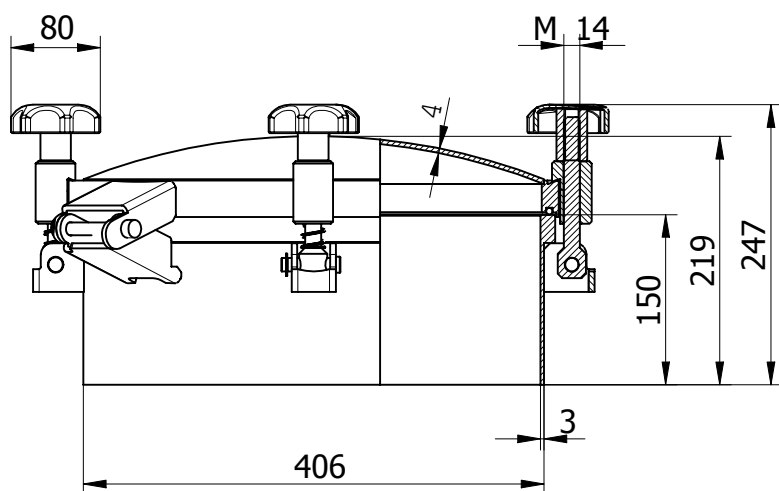
Values for working temperature max 100 °C.

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-304P-1.4301/E	AISI 304L	EPDM	150	3	4	4	-1/+5,4	19,3
P1-304P-1.4301/N	AISI 304L	NBR	150	3	4	4	-1/+5,4	19,3
P1-304P-1.4301/S	AISI 304L	Silicone	150	3	4	4	-1/+5,4	19,3
P1-304P-1.4301/V	AISI 304L	VITON	150	3	4	4	-1/+5,4	19,3
P1-304P/B-1.4404/E	AISI 316L	EPDM	150	3	4	4	-1/+5,4	19,3
P1-304P/B-1.4404/N	AISI 316L	NBR	150	3	4	4	-1/+5,4	19,3
P1-304P/B-1.4404/S	AISI 316L	Silicone	150	3	4	4	-1/+5,4	19,3
P1-304P/B-1.4404/V	AISI 316L	Viton	150	3	4	4	-1/+5,4	19,3

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 400L

**Round pressure manhole cover model:** 400L  
**Dimensions:** Ø 406 mm  
**Max working pressure:** -1/+1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** MEC/80 (nylon)  
                   **on request:** MEC/80I (stainless)  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/400P  
                   **type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



Values for working temperature max 100 °C.

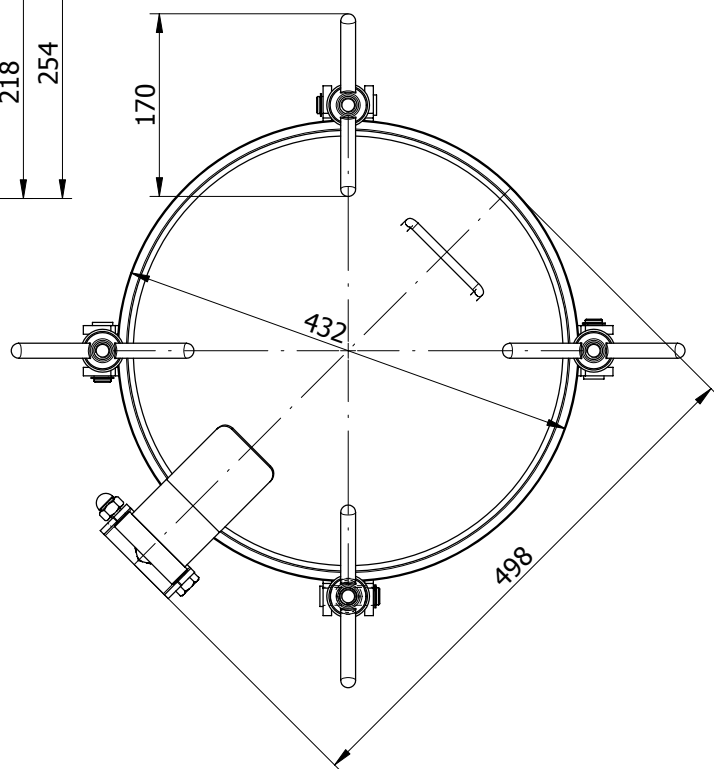
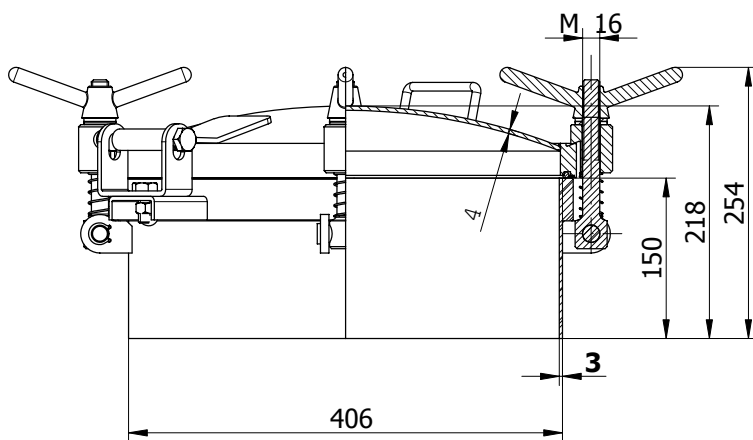
Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-400L-1.4301/E	AISI 304L	EPDM	150	3	4	4	-1/+1	21
P1-400L-1.4301/N	AISI 304L	NBR	150	3	4	4	-1/+1	21
P1-400L-1.4301/S	AISI 304L	Silicone	150	3	4	4	-1/+1	21
P1-400L-1.4301/V	AISI 304L	VITON	150	3	4	4	-1/+1	21
P1-400L/B-1.4404/E	AISI 316L	EPDM	150	3	4	4	-1/+1	21
P1-400L/B-1.4404/N	AISI 316L	NBR	150	3	4	4	-1/+1	21
P1-400L/B-1.4404/S	AISI 316L	Silicone	150	3	4	4	-1/+1	21
P1-400L/B-1.4404/V	AISI 316L	Viton	150	3	4	4	-1/+1	21

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels



# 400P PED

**Round pressure manhole cover model:** 400P  
**Dimensions:** Ø 406 mm  
**Max working pressure:** -1/+3 bar or -1/+5 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/400P  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



Values for working temperature max 100 °C.

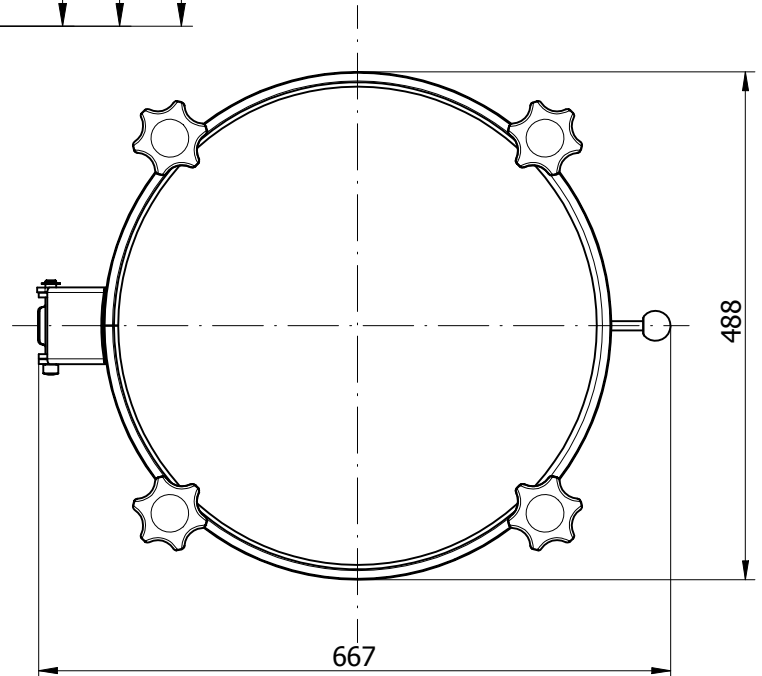
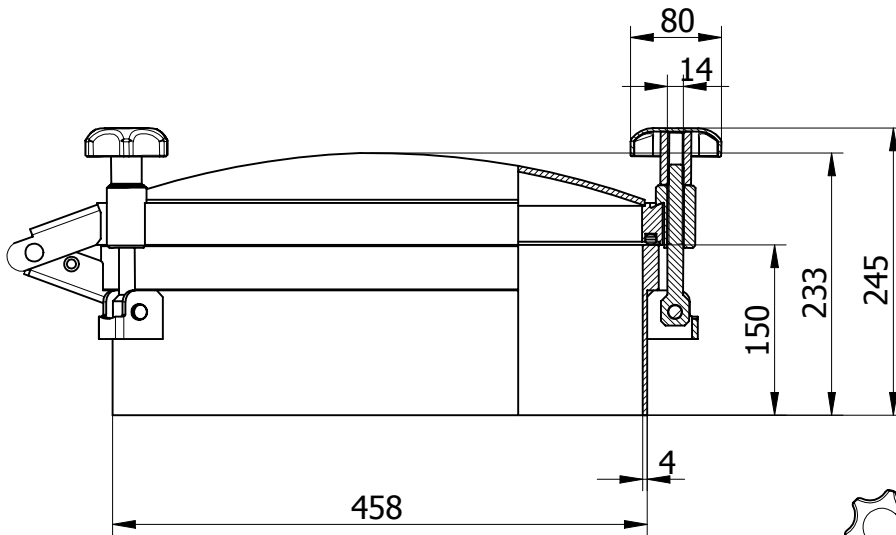
Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-404P-1.4301/E	AISI 304L	EPDM	150	3	4	4	-1/+3	29
P1-404P-1.4301/N	AISI 304L	NBR	150	3	4	4	-1/+3	29
P1-404P-1.4301/S	AISI 304L	Silicone	150	3	4	4	-1/+3	29
P1-404P-1.4301/V	AISI 304L	VITON	150	3	4	4	-1/+3	29
P1-404P/B-1.4404/E	AISI 316L	EPDM	150	3	4	4	-1/+3	29
P1-404P/B-1.4404/N	AISI 316L	NBR	150	3	4	4	-1/+3	29
P1-404P/B-1.4404/S	AISI 316L	Silicone	150	3	4	4	-1/+3	29
P1-404P/B-1.4404/V	AISI 316L	Viton	150	3	4	4	-1/+3	29

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-406P-1.4301/E	AISI 304L	EPDM	150	3	4	6	-1/+5	29,7
P1-406P-1.4301/N	AISI 304L	NBR	150	3	4	6	-1/+5	29,7
P1-406P-1.4301/S	AISI 304L	Silicone	150	3	4	6	-1/+5	29,7
P1-406P-1.4301/V	AISI 304L	VITON	150	3	4	6	-1/+5	29,7
P1-406P/B-1.4404/E	AISI 316L	EPDM	150	3	4	6	-1/+5	29,7
P1-406P/B-1.4404/N	AISI 316L	NBR	150	3	4	6	-1/+5	29,7
P1-406P/B-1.4404/S	AISI 316L	Silicone	150	3	4	6	-1/+5	29,7
P1-406P/B-1.4404/V	AISI 316L	Viton	150	3	4	6	-1/+5	29,7

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 450L

<b>Round pressure manhole cover model:</b>	450L
<b>Dimensions:</b>	Ø 458 mm
<b>Max working pressure:</b>	-1/+1 bar
<b>Material:</b>	AISI 304L or AISI 316L
<b>Handwheel</b>	<b>standard:</b> MEC/80 (nylon)
	<b>on request:</b> MEC/80I (stainless)
<b>Gasket</b>	<b>standard:</b> EPDM
	<b>on request:</b> Silicone, NBR, VITON
	<b>code:</b> G/450P
	<b>type:</b> on cover not glued
<b>Certificates on request:</b>	EN 10204 3.1, FDA



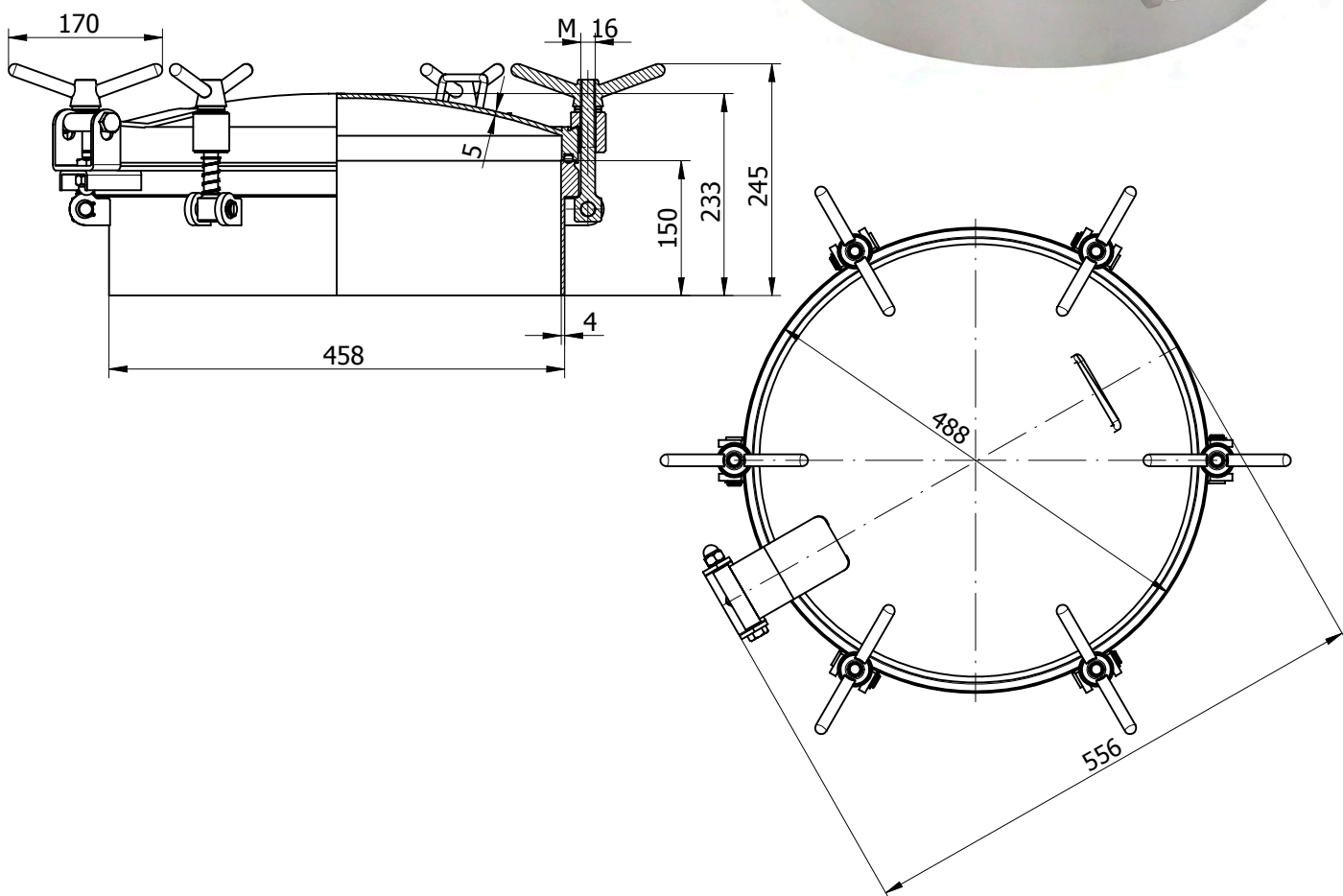
Values for working temperature max 100 °C.

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-450L-1.4301/E	AISI 304L	EPDM	150	4		4	-1/+1	34,1
P1-450L-1.4301/N	AISI 304L	NBR	150	4		4	-1/+1	34,1
P1-450L-1.4301/S	AISI 304L	Silicone	150	4		4	-1/+1	34,1
P1-450L-1.4301/V	AISI 304L	VITON	150	4		4	-1/+1	34,1
P1-450L/B-1.4404/E	AISI 316L	EPDM	150	4		4	-1/+1	34,1
P1-450L/B-1.4404/N	AISI 316L	NBR	150	4		4	-1/+1	34,1
P1-450L/B-1.4404/S	AISI 316L	Silicone	150	4		4	-1/+1	34,1
P1-450L/B-1.4404/V	AISI 316L	Viton	150	4		4	-1/+1	34,1

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 450P PED

**Round pressure manhole cover model:** 450P  
**Dimensions:** Ø 458 mm  
**Max working pressure:** -1/+2,6 bar or -1/+3,9 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel**    **standard:** VI/165  
                   **on request:** MEC/80I  
**Gasket**        **standard:** EPDM  
                   **on request:** Silicone, NBR, VITON  
                   **code:** G/450P  
                   **type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



Values for working temperature max 100 °C.

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg	Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-454P-1.4301/E	AISI 304L	EPDM	150	4	5	4	-1/+2,6	34,1	P1-456P-1.4301/E	AISI 304L	EPDM	150	4	5	6	-1/+3,9	34,8
P1-454P-1.4301/N	AISI 304L	NBR	150	4	5	4	-1/+2,6	34,1	P1-456P-1.4301/N	AISI 304L	NBR	150	4	5	6	-1/+3,9	34,8
P1-454P-1.4301/S	AISI 304L	Silicone	150	4	5	4	-1/+2,6	34,1	P1-456P-1.4301/S	AISI 304L	Silicone	150	4	5	6	-1/+3,9	34,8
P1-454P-1.4301/V	AISI 304L	VITON	150	4	5	4	-1/+2,6	34,1	P1-456P-1.4301/V	AISI 304L	VITON	150	4	5	6	-1/+3,9	34,8
P1-454P/B-1.4404/E	AISI 316L	EPDM	150	4	5	4	-1/+2,6	34,1	P1-456P/B-1.4404/E	AISI 316L	EPDM	150	4	5	6	-1/+3,9	34,8
P1-454P/B-1.4404/N	AISI 316L	NBR	150	4	5	4	-1/+2,6	34,1	P1-456P/B-1.4404/N	AISI 316L	NBR	150	4	5	6	-1/+3,9	34,8
P1-454P/B-1.4404/S	AISI 316L	Silicone	150	4	5	4	-1/+2,6	34,1	P1-456P/B-1.4404/S	AISI 316L	Silicone	150	4	5	6	-1/+3,9	34,8
P1-454P/B-1.4404/V	AISI 316L	Viton	150	4	5	4	-1/+2,6	34,1	P1-456P/B-1.4404/V	AISI 316L	Viton	150	4	5	6	-1/+3,9	34,8

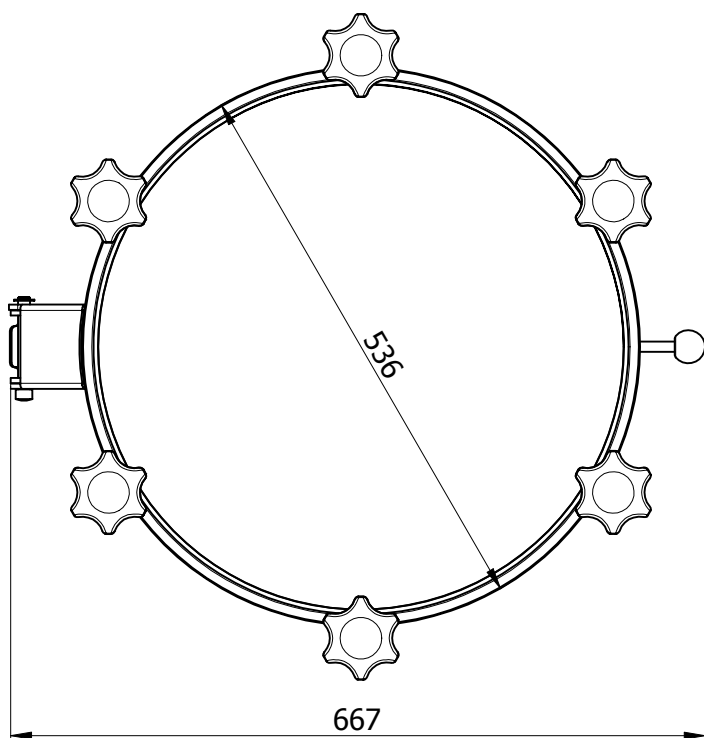
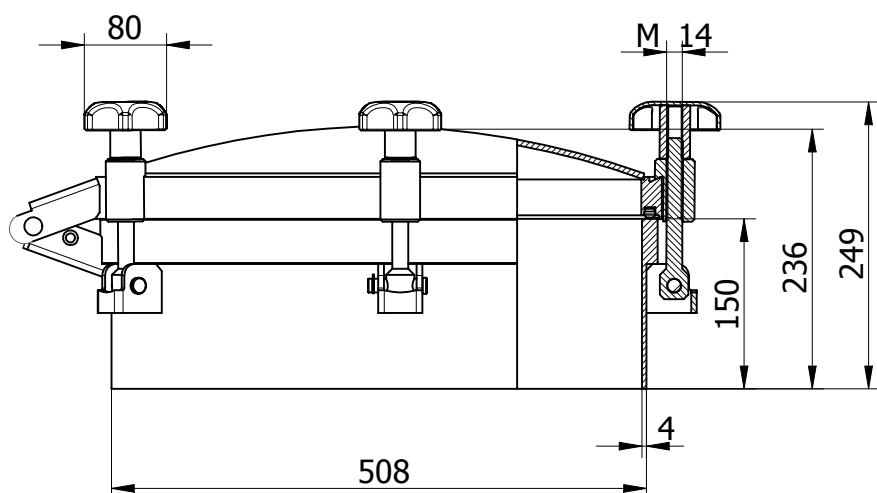
H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 500L

**Round pressure manhole cover model:** 500L  
**Dimensions:** Ø 508 mm  
**Max working pressure:** -1/+1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80 (nylon)  
**on request:** MEC/80I (stainless)  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/500P  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



(illustrative photo model 300L)



Values for working temperature max 100 °C.

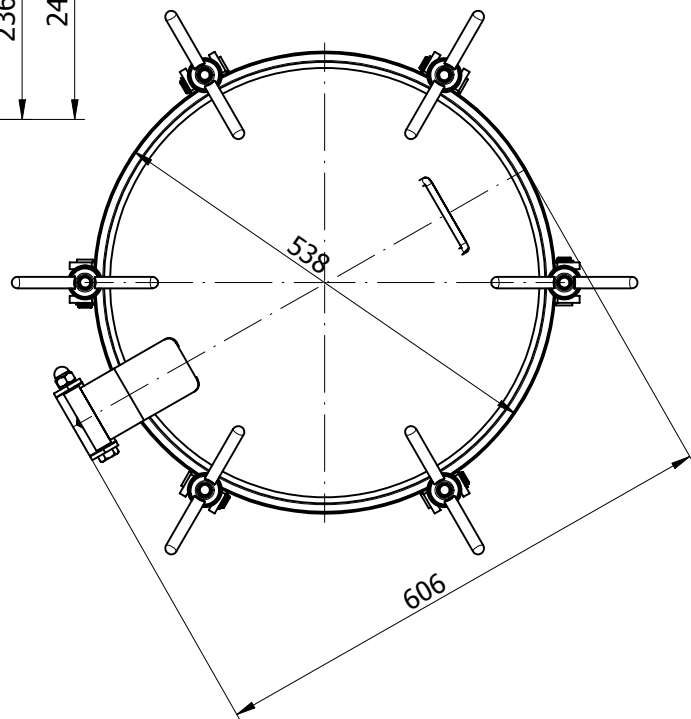
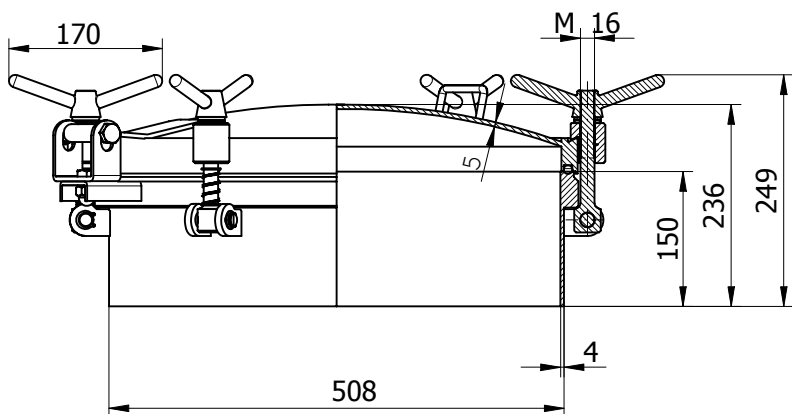
Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-500L-1.4301/E	AISI 304L	EPDM	150	4		6	-1/+1	36,8
P1-500L-1.4301/N	AISI 304L	NBR	150	4		6	-1/+1	36,8
P1-500L-1.4301/S	AISI 304L	Silicone	150	4		6	-1/+1	36,8
P1-500L-1.4301/V	AISI 304L	VITON	150	4		6	-1/+1	36,8
P1-500L/B-1.4404/E	AISI 316L	EPDM	150	4		6	-1/+1	36,8
P1-500L/B-1.4404/N	AISI 316L	NBR	150	4		6	-1/+1	36,8
P1-500L/B-1.4404/S	AISI 316L	Silicone	150	4		6	-1/+1	36,8
P1-500L/B-1.4404/V	AISI 316L	Viton	150	4		6	-1/+1	36,8

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels



# 500P PED

**Round pressure manhole cover model:** 500P  
**Dimensions:** Ø 508 mm  
**Max working pressure:** -1/+3,2 bar or -1/+4,3 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/500P  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



Values for working temperature max 100 °C.

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-506P-1.4301/E	AISI 304L	EPDM	150	4	5	6	-1/+3,2	36,8
P1-506P-1.4301/N	AISI 304L	NBR	150	4	5	6	-1/+3,2	36,8
P1-506P-1.4301/S	AISI 304L	Silicone	150	4	5	6	-1/+3,2	36,8
P1-506P-1.4301/V	AISI 304L	VITON	150	4	5	6	-1/+3,2	36,8
P1-506P/B-1.4404/E	AISI 316L	EPDM	150	4	5	6	-1/+3,2	36,8
P1-506P/B-1.4404/N	AISI 316L	NBR	150	4	5	6	-1/+3,2	36,8
P1-506P/B-1.4404/S	AISI 316L	Silicone	150	4	5	6	-1/+3,2	36,8
P1-506P/B-1.4404/V	AISI 316L	Viton	150	4	5	6	-1/+3,2	36,8

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-508P-1.4301/E	AISI 304L	EPDM	150	4	5	8	-1/+4,3	37,5
P1-508P-1.4301/N	AISI 304L	NBR	150	4	5	8	-1/+4,3	37,5
P1-508P-1.4301/S	AISI 304L	Silicone	150	4	5	8	-1/+4,3	37,5
P1-508P-1.4301/V	AISI 304L	VITON	150	4	5	8	-1/+4,3	37,5
P1-508P/B-1.4404/E	AISI 316L	EPDM	150	4	5	8	-1/+4,3	37,5
P1-508P/B-1.4404/N	AISI 316L	NBR	150	4	5	8	-1/+4,3	37,5
P1-508P/B-1.4404/S	AISI 316L	Silicone	150	4	5	8	-1/+4,3	37,5
P1-508P/B-1.4404/V	AISI 316L	Viton	150	4	5	8	-1/+4,3	37,5

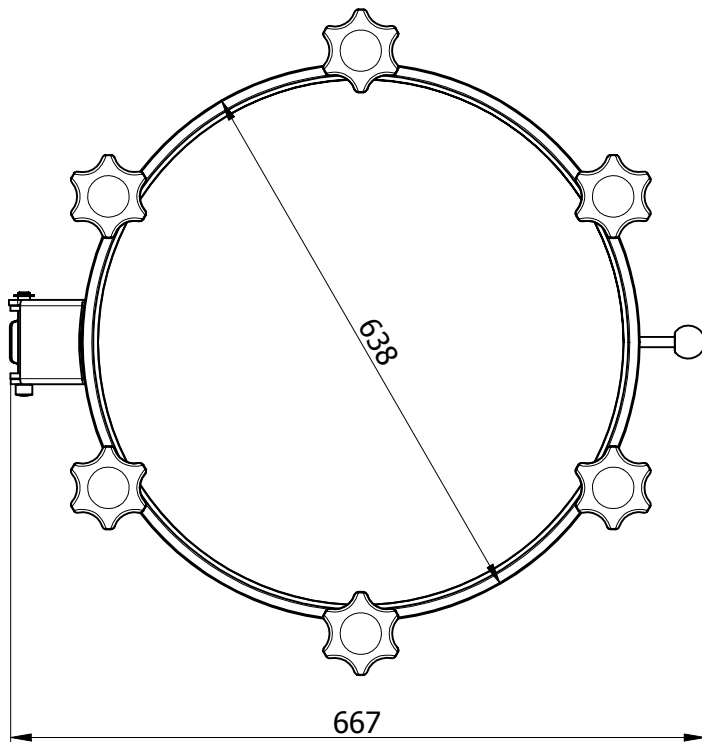
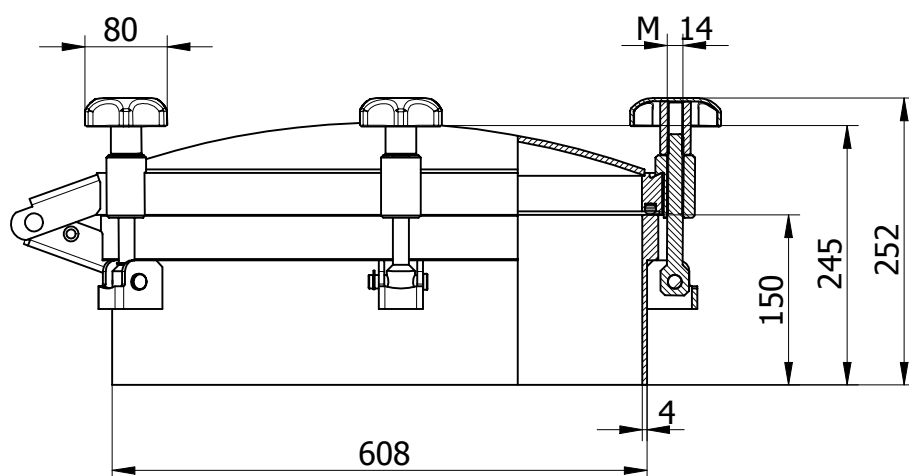
H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 600L

**Round pressure manhole cover model:** 600L  
**Dimensions:** Ø 608 mm  
**Max working pressure:** -1/+1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** MEC/80 (nylon)  
**on request:** MEC/80I (stainless)  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/600P  
**type:** on cover not glued  
**Certificates on request:** EN 10204 3.1, FDA



(illustrative photo model 300L)



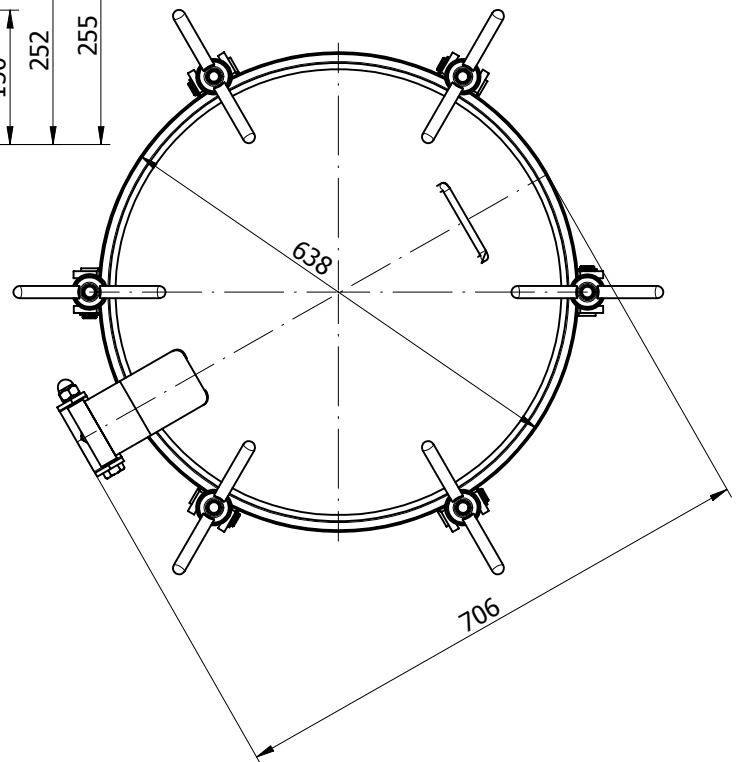
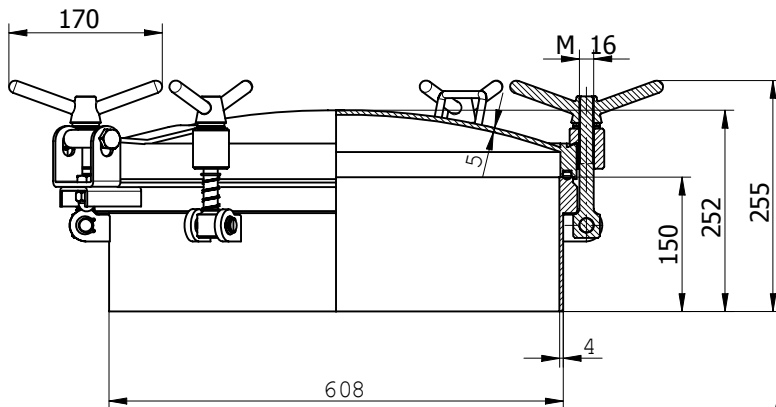
Values for working temperature max 100 °C.

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-600L-1.4301/E	AISI 304L	EPDM	150	4		6	-1/+1	48,3
P1-600L-1.4301/N	AISI 304L	NBR	150	4		6	-1/+1	48,3
P1-600L-1.4301/S	AISI 304L	Silicone	150	4		6	-1/+1	48,3
P1-600L-1.4301/V	AISI 304L	VITON	150	4		6	-1/+1	48,3
P1-600L/B-1.4404/E	AISI 316L	EPDM	150	4		6	-1/+1	48,3
P1-600L/B-1.4404/N	AISI 316L	NBR	150	4		6	-1/+1	48,3
P1-600L/B-1.4404/S	AISI 316L	Silicone	150	4		6	-1/+1	48,3
P1-600L/B-1.4404/V	AISI 316L	Viton	150	4		6	-1/+1	48,3

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# 600P PED

**Round pressure manhole cover model:** 600P  
**Dimensions:** Ø 608 mm  
**Max working pressure:** -1/+3 bar or -1/+3,7 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165  
**on request:** MEC/80I  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/600P  
**type:** on cover not glued  
**Certificates on request:** PED, EN 10204 3.1, FDA



Values for working temperature max 100 °C.

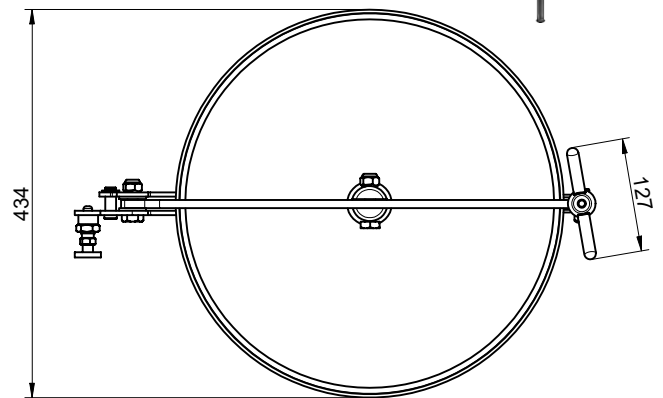
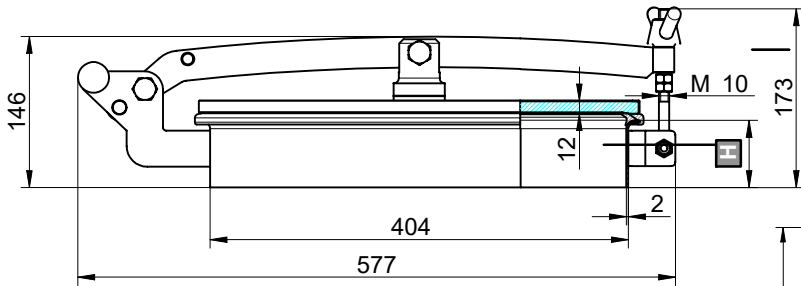
Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-608P-1.4301/E	AISI 304L	EPDM	150	4	5	8	-1/+3	48,3
P1-608P-1.4301/N	AISI 304L	NBR	150	4	5	8	-1/+3	48,3
P1-608P-1.4301/S	AISI 304L	Silicone	150	4	5	8	-1/+3	48,3
P1-608P-1.4301/V	AISI 304L	VITON	150	4	5	8	-1/+3	48,3
P1-608P/B-1.4404/E	AISI 316L	EPDM	150	4	5	8	-1/+3	48,3
P1-608P/B-1.4404/N	AISI 316L	NBR	150	4	5	8	-1/+3	48,3
P1-608P/B-1.4404/S	AISI 316L	Silicone	150	4	5	8	-1/+3	48,3
P1-608P/B-1.4404/V	AISI 316L	Viton	150	4	5	8	-1/+3	48,3

Code	Material	Gasket	H	S1	S2	O	Max press bar	Kg
P1-610P-1.4301/E	AISI 304L	EPDM	150	4	5	10	-1/+3,7	49
P1-610P-1.4301/N	AISI 304L	NBR	150	4	5	10	-1/+3,7	49
P1-610P-1.4301/S	AISI 304L	Silicone	150	4	5	10	-1/+3,7	49
P1-610P-1.4301/V	AISI 304L	VITON	150	4	5	10	-1/+3,7	49
P1-610P/B-1.4404/E	AISI 316L	EPDM	150	4	5	10	-1/+3,7	49
P1-610P/B-1.4404/N	AISI 316L	NBR	150	4	5	10	-1/+3,7	49
P1-610P/B-1.4404/S	AISI 316L	Silicone	150	4	5	10	-1/+3,7	49
P1-610P/B-1.4404/V	AISI 316L	Viton	150	4	5	10	-1/+3,7	49

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover, O ... number of handwheels

# T1/G400

**Round manhole cover with glass lid:** T1/G400  
**Dimensions:** Ø 404 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/295  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T400  
**type:** on frame not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G400-1.4301/E	AISI 304L	EPDM	65	2	12	0,1	9,3
P1-T1/G400-1.4301/N	AISI 304L	NBR	65	2	12	0,1	9,3
P1-T1/G400-1.4301/S	AISI 304L	Silikon	65	2	12	0,1	9,3
P1-T1/G400-1.4301/V	AISI 304L	VITON	65	2	12	0,1	9,3

Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G401-1.4301/E	AISI 304L	EPDM	100	2	12	0,1	10
P1-T1/G401-1.4301/N	AISI 304L	NBR	100	2	12	0,1	10
P1-T1/G401-1.4301/S	AISI 304L	Silikon	100	2	12	0,1	10
P1-T1/G401-1.4301/V	AISI 304L	VITON	100	2	12	0,1	10

P1-T1/G400/B-1.4404/E	AISI 316L	EPDM	65	2	12	0,1	9,3
P1-T1/G400/B-1.4404/N	AISI 316L	NBR	65	2	12	0,1	9,3
P1-T1/G400/B-1.4404/S	AISI 316L	Silikon	65	2	12	0,1	9,3
P1-T1/G400/B-1.4404/V	AISI 316L	Viton	65	2	12	0,1	9,3

P1-T1/G401/B-1.4404/E	AISI 316L	EPDM	100	2	12	0,1	10
P1-T1/G401/B-1.4404/N	AISI 316L	NBR	100	2	12	0,1	10
P1-T1/G401/B-1.4404/S	AISI 316L	Silikon	100	2	12	0,1	10
P1-T1/G401/B-1.4404/V	AISI 316L	Viton	100	2	12	0,1	10

Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G402-1.4301/E	AISI 304L	EPDM	150	2	12	0,1	10,9
P1-T1/G402-1.4301/N	AISI 304L	NBR	150	2	12	0,1	10,9
P1-T1/G402-1.4301/S	AISI 304L	Silikon	150	2	12	0,1	10,9
P1-T1/G402-1.4301/V	AISI 304L	VITON	150	2	12	0,1	10,9

Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G403-1.4301/E	AISI 304L	EPDM	200	2	12	0,1	12
P1-T1/G403-1.4301/N	AISI 304L	NBR	200	2	12	0,1	12
P1-T1/G403-1.4301/S	AISI 304L	Silikon	200	2	12	0,1	12
P1-T1/G403-1.4301/V	AISI 304L	VITON	200	2	12	0,1	12

P1-T1/G402/B-1.4404/E	AISI 316L	EPDM	150	2	12	0,1	10,9
P1-T1/G402/B-1.4404/N	AISI 316L	NBR	150	2	12	0,1	10,9
P1-T1/G402/B-1.4404/S	AISI 316L	Silikon	150	2	12	0,1	10,9
P1-T1/G402/B-1.4404/V	AISI 316L	Viton	150	2	12	0,1	10,9

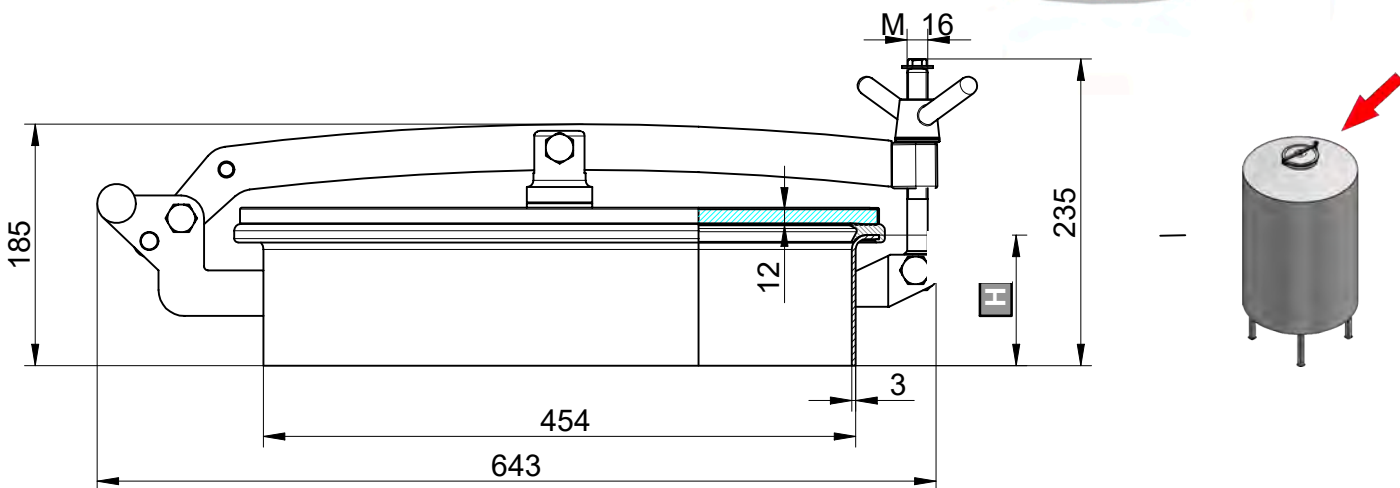
P1-T1/G403/B-1.4404/E	AISI 316L	EPDM	200	2	12	0,1	12
P1-T1/G403/B-1.4404/N	AISI 316L	NBR	200	2	12	0,1	12
P1-T1/G403/B-1.4404/S	AISI 316L	Silikon	200	2	12	0,1	12
P1-T1/G403/B-1.4404/V	AISI 316L	Viton	200	2	12	0,1	12

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover



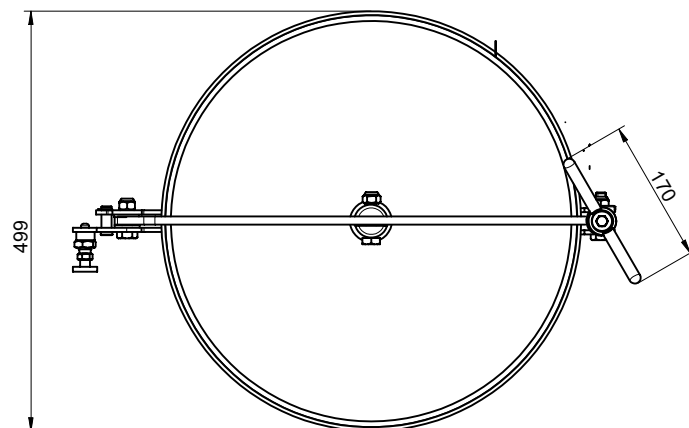
# T1/G450

**Round manhole cover with glass lid:** T1/G450  
**Dimensions:** Ø 454 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T450  
**type:** on frame not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G450-1.4301/E	AISI 304L	EPDM	100	3	12	0,1	11,9
P1-T1/G450-1.4301/N	AISI 304L	NBR	100	3	12	0,1	11,9
P1-T1/G450-1.4301/S	AISI 304L	Silikon	100	3	12	0,1	11,9
P1-T1/G450-1.4301/V	AISI 304L	VITON	100	3	12	0,1	11,9
P1-T1/G450/B-1.4404/E	AISI 316L	EPDM	100	3	12	0,1	11,9
P1-T1/G450/B-1.4404/N	AISI 316L	NBR	100	3	12	0,1	11,9
P1-T1/G450/B-1.4404/S	AISI 316L	Silikon	100	3	12	0,1	11,9
P1-T1/G450/B-1.4404/V	AISI 316L	Viton	100	3	12	0,1	11,9

Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G451-1.4301/E	AISI 304L	EPDM	150	3	12	0,1	13,7
P1-T1/G451-1.4301/N	AISI 304L	NBR	150	3	12	0,1	13,7
P1-T1/G451-1.4301/S	AISI 304L	Silikon	150	3	12	0,1	13,7
P1-T1/G451-1.4301/V	AISI 304L	VITON	150	3	12	0,1	13,7
P1-T1/G451/B-1.4404/E	AISI 316L	EPDM	150	3	12	0,1	13,7
P1-T1/G451/B-1.4404/N	AISI 316L	NBR	150	3	12	0,1	13,7
P1-T1/G451/B-1.4404/S	AISI 316L	Silikon	150	3	12	0,1	13,7
P1-T1/G451/B-1.4404/V	AISI 316L	Viton	150	3	12	0,1	13,7

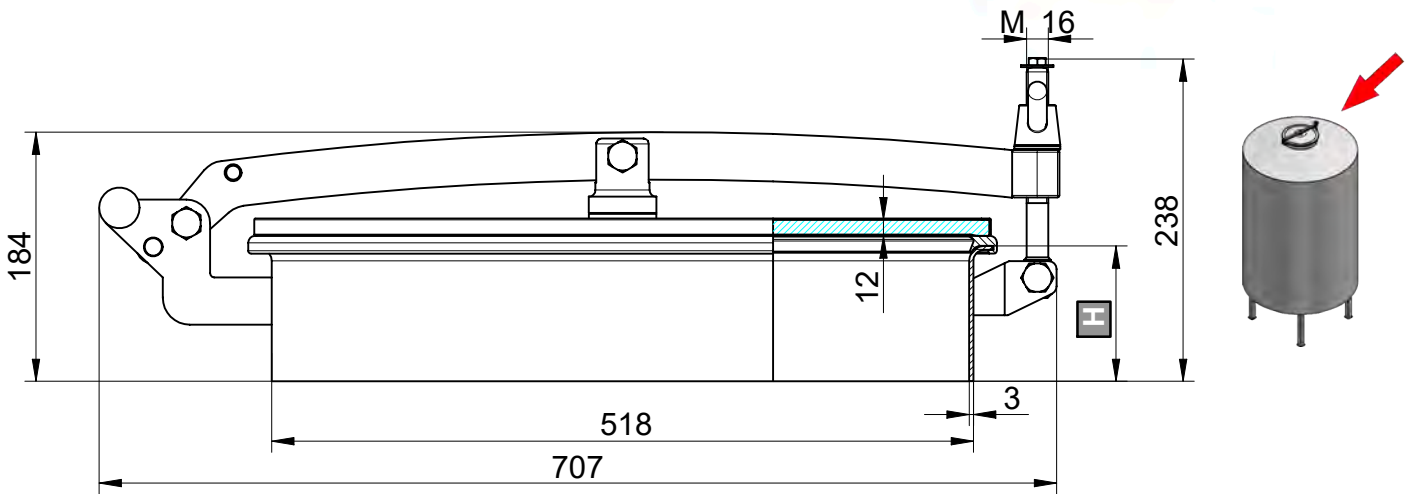


Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G452-1.4301/E	AISI 304L	EPDM	200	3	12	0,1	15,5
P1-T1/G452-1.4301/N	AISI 304L	NBR	200	3	12	0,1	15,5
P1-T1/G452-1.4301/S	AISI 304L	Silikon	200	3	12	0,1	15,5
P1-T1/G452-1.4301/V	AISI 304L	VITON	200	3	12	0,1	15,5
P1-T1/G452/B-1.4404/E	AISI 316L	EPDM	200	3	12	0,1	15,5
P1-T1/G452/B-1.4404/N	AISI 316L	NBR	200	3	12	0,1	15,5
P1-T1/G452/B-1.4404/S	AISI 316L	Silikon	200	3	12	0,1	15,5
P1-T1/G452/B-1.4404/V	AISI 316L	Viton	200	3	12	0,1	15,5

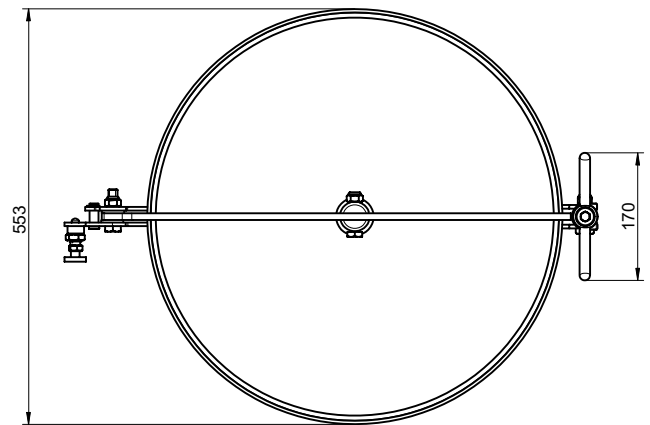
H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

# T1/G500

**Round manhole cover with glass lid:** T1/G500  
**Dimensions:** Ø 518 mm  
**Max working pressure:** 0,1 bar  
**Material:** AISI 304L or AISI 316L  
**Handwheel standard:** VI/165A  
**Gasket standard:** EPDM  
**on request:** Silicone, NBR, VITON  
**code:** G/T500  
**type:** on frame not glued  
**Certificates on request:** EN 10204 3.1, FDA



Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G500-1.4301/E	AISI 304L	EPDM	100	3	12	0,1	16,3
P1-T1/G500-1.4301/N	AISI 304L	NBR	100	3	12	0,1	16,3
P1-T1/G500-1.4301/S	AISI 304L	Silikon	100	3	12	0,1	16,3
P1-T1/G500-1.4301/V	AISI 304L	VITON	100	3	12	0,1	16,3
P1-T1/G500/B-1.4404/E	AISI 316L	EPDM	100	3	12	0,1	16,3
P1-T1/G500/B-1.4404/N	AISI 316L	NBR	100	3	12	0,1	16,3
P1-T1/G500/B-1.4404/S	AISI 316L	Silikon	100	3	12	0,1	16,3
P1-T1/G500/B-1.4404/V	AISI 316L	Viton	100	3	12	0,1	16,3



Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G501-1.4301/E	AISI 304L	EPDM	150	3	12	0,1	18,2
P1-T1/G501-1.4301/N	AISI 304L	NBR	150	3	12	0,1	18,2
P1-T1/G501-1.4301/S	AISI 304L	Silikon	150	3	12	0,1	18,2
P1-T1/G501-1.4301/V	AISI 304L	VITON	150	3	12	0,1	18,2
P1-T1/G501/B-1.4404/E	AISI 316L	EPDM	150	3	12	0,1	18,2
P1-T1/G501/B-1.4404/N	AISI 316L	NBR	150	3	12	0,1	18,2
P1-T1/G501/B-1.4404/S	AISI 316L	Silikon	150	3	12	0,1	18,2
P1-T1/G501/B-1.4404/V	AISI 316L	Viton	150	3	12	0,1	18,2

Code	Material	Gasket	Height (H)	S1	S2	Max. press bar	Kg
P1-T1/G502-1.4301/E	AISI 304L	EPDM	200	3	12	0,1	20,1
P1-T1/G502-1.4301/N	AISI 304L	NBR	200	3	12	0,1	20,1
P1-T1/G502-1.4301/S	AISI 304L	Silikon	200	3	12	0,1	20,1
P1-T1/G502-1.4301/V	AISI 304L	VITON	200	3	12	0,1	20,1
P1-T1/G502/B-1.4404/E	AISI 316L	EPDM	200	3	12	0,1	20,1
P1-T1/G502/B-1.4404/N	AISI 316L	NBR	200	3	12	0,1	20,1
P1-T1/G502/B-1.4404/S	AISI 316L	Silikon	200	3	12	0,1	20,1
P1-T1/G502/B-1.4404/V	AISI 316L	Viton	200	3	12	0,1	20,1

H ... frame height, S1 ... thickness of frame, S2 ... thickness of cover

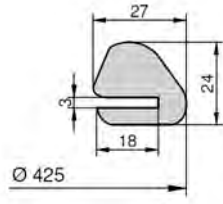
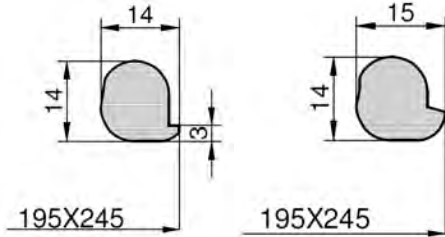
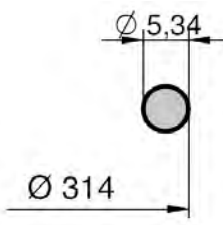
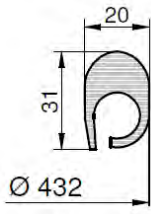
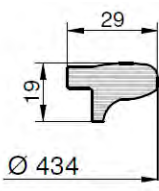
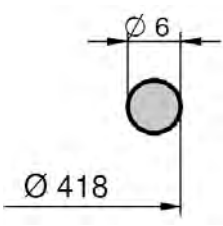
[www.armat.cz](http://www.armat.cz)

ARMAT spol. s r. o., 561 41 Řetová 82, Tel.: + 420 465 585 258, [armat@armat.cz](mailto:armat@armat.cz)

# Gasket

Code	Model	Material	Color	Min working temperature	Max working temperature	Profile
P1-G/15-EPDM	G/15	EPDM	Grey	-30 °C	+100 °C	
P1-G/15-NBR	G/15	NBR	White	-15 °C	+90 °C	
P1-G/15-Silikon	G/15	Silicone	Clear white	-40 °C	+200 °C	
P1-G/15-VITON	G/15	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/1500-EPDM	G/1500	EPDM	Grey	-30 °C	+100 °C	
P1-G/1500-NBR	G/1500	NBR	White	-15 °C	+90 °C	
P1-G/1500-Silikon	G/1500	Silicone	Clear white	-40 °C	+200 °C	
P1-G/1500-VITON	G/1500	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/170-EPDM	G/170	EPDM	Grey	-30 °C	+100 °C	
P1-G/170-NBR	G/170	NBR	White	-15 °C	+90 °C	
P1-G/170-Silikon	G/170	Silicone	Clear white	-40 °C	+200 °C	
P1-G/170-VITON	G/170	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/200LZD-EPDM	G/200LZD	EPDM	Grey	-30 °C	+100 °C	
P1-G/200LZD-NBR	G/200LZD	NBR	White	-15 °C	+90 °C	
P1-G/200LZD-Silikon	G/200LZD	Silicone	Clear white	-40 °C	+200 °C	
P1-G/200LZD-VITON	G/200LZD	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/200PES-EPDM	G/200PES	EPDM	Grey	-30 °C	+100 °C	
P1-G/200PES-NBR	G/200PES	NBR	White	-15 °C	+90 °C	
P1-G/200PES-Silikon	G/200PES	Silicone	Clear white	-40 °C	+200 °C	
P1-G/200PES-VITON	G/200PES	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/200R-EPDM	G/200R	EPDM	Grey	-30 °C	+100 °C	
P1-G/200R-NBR	G/200R	NBR	White	-15 °C	+90 °C	
P1-G/200R-Silikon	G/200R	Silicone	Clear white	-40 °C	+200 °C	
P1-G/200R-VITON	G/200R	VITON (FKM)	Black	-17 °C	+220 °C	

# Gasket

Code	Model	Material	Color	Min working temperature	Max working temperature	Profile
P1-G/200RP-EPDM	G/200RP	EPDM	Grey	-30 °C	+100 °C	
P1-G/200RP-NBR	G/200RP	NBR	White	-15 °C	+90 °C	
P1-G/200RP-Silikon	G/200RP	Silicone	Clear white	-40 °C	+200 °C	
P1-G/200RP-VITON	G/200RP	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/295-EPDM	G/295	EPDM	Grey	-30 °C	+100 °C	
P1-G/295-NBR	G/295	NBR	White	-15 °C	+90 °C	
P1-G/295-Silikon	G/295	Silicone	Clear white	-40 °C	+200 °C	
P1-G/295-VITON	G/295	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/300P-EPDM	G/300P	EPDM	Grey	-30 °C	+100 °C	
P1-G/300P-NBR	G/300P	NBR	White	-15 °C	+90 °C	
P1-G/300P-Silikon	G/300P	Silicone	Clear white	-40 °C	+200 °C	
P1-G/300P-VITON	G/300P	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/400AZ-GN-EPDM	400AZ/GN	EPDM	Grey	-30 °C	+100 °C	
P1-G/400AZ-GN-NBR	400AZ/GN	NBR	White	-15 °C	+90 °C	
P1-G/400AZ-GN-Silikon	400AZ/GN	Silicone	Clear white	-40 °C	+200 °C	
P1-G/400AZ-GN-VITON	400AZ/GN	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/400AZ-NL-EPDM	400AZ/NL	EPDM	Grey	-30 °C	+100 °C	
P1-G/400AZ-NL-NBR	400AZ/NL	NBR	White	-15 °C	+90 °C	
P1-G/400AZ-NL-Silikon	400AZ/NL	Silicone	Clear white	-40 °C	+200 °C	
P1-G/400AZ-NL-VITON	400AZ/NL	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/400P-EPDM	G/400P	EPDM	Grey	-30 °C	+100 °C	
P1-G/400P-NBR	G/400P	NBR	White	-15 °C	+90 °C	
P1-G/400P-Silikon	G/400P	Silicone	Clear white	-40 °C	+200 °C	
P1-G/400P-VITON	G/400P	VITON (FKM)	Black	-17 °C	+220 °C	



# Gasket

Code	Model	Material	Color	Min working temperature	Max working temperature	Profile
P1-G/450P-EPDM	G/450P	EPDM	Grey	-30 °C	+100 °C	
P1-G/450P-NBR	G/450P	NBR	White	-15 °C	+90 °C	
P1-G/450P-Silikon	G/450P	Silicone	Clear white	-40 °C	+200 °C	
P1-G/450P-VITON	G/450P	VITON (FKM)	Black	-17 °C	+220 °C	

P1-G/480-EPDM	G/480	EPDM	Grey	-30 °C	+100 °C	
P1-G/480-NBR	G/480	NBR	White	-15 °C	+90 °C	
P1-G/480-Silikon	G/480	Silicone	Clear white	-40 °C	+200 °C	
P1-G/480-VITON	G/480	VITON (FKM)	Black	-17 °C	+220 °C	

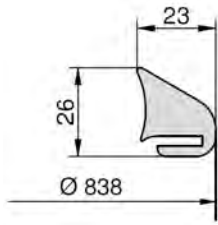
P1-G/500P-EPDM	G/500P	EPDM	Grey	-30 °C	+100 °C	
P1-G/500P-NBR	G/500P	NBR	White	-15 °C	+90 °C	
P1-G/500P-Silikon	G/500P	Silicone	Clear white	-40 °C	+200 °C	
P1-G/500P-VITON	G/500P	VITON (FKM)	Black	-17 °C	+220 °C	

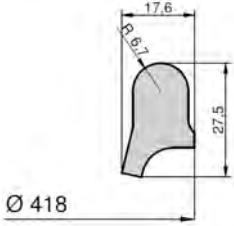
P1-G/600P-EPDM	G/600P	EPDM	Grey	-30 °C	+100 °C	
P1-G/600P-NBR	G/600P	NBR	White	-15 °C	+90 °C	
P1-G/600P-Silikon	G/600P	Silicone	Clear white	-40 °C	+200 °C	
P1-G/600P-VITON	G/600P	VITON (FKM)	Black	-17 °C	+220 °C	

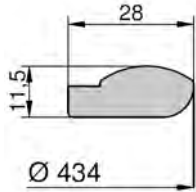
P1-G/630LKD-EPDM	G/630LKD	EPDM	Grey	-30 °C	+100 °C	
P1-G/630LKD-NBR	G/630LKD	NBR	White	-15 °C	+90 °C	
P1-G/630LKD-Silikon	G/630LKD	Silicone	Clear white	-40 °C	+200 °C	
P1-G/630LKD-VITON	G/630LKD	VITON (FKM)	Black	-17 °C	+220 °C	

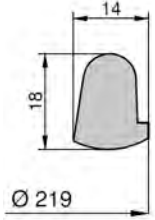
P1-G/6V250-EPDM	G/6V250	EPDM	Grey	-30 °C	+100 °C	
P1-G/6V250-NBR	G/6V250	NBR	White	-15 °C	+90 °C	
P1-G/6V250-Silikon	G/6V250	Silicone	Clear white	-40 °C	+200 °C	
P1-G/6V250-VITON	G/6V250	VITON (FKM)	Black	-17 °C	+220 °C	

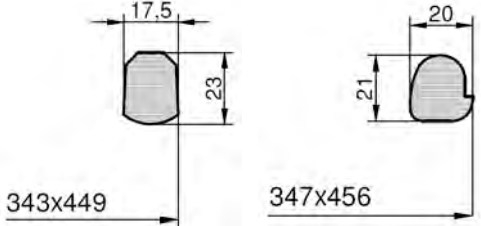
# Gasket

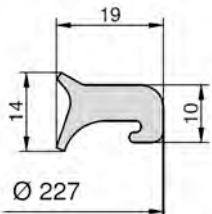
Code	Model	Material	Color	Min working temperature	Max working temperature	Profile
P1-G/800-EPDM	G/800	EPDM	Grey	-30 °C	+100 °C	
P1-G/800-NBR	G/800	NBR	White	-15 °C	+90 °C	
P1-G/800-Silikon	G/800	Silicone	Clear white	-40 °C	+200 °C	
P1-G/800-VITON	G/800	VITON (FKM)	Black	-17 °C	+220 °C	

P1-G/AE-EPDM	G/AE	EPDM	Grey	-30 °C	+100 °C	
P1-G/AE-NBR	G/AE	NBR	White	-15 °C	+90 °C	
P1-G/AE-Silikon	G/AE	Silicone	Clear white	-40 °C	+200 °C	
P1-G/AE-VITON	G/AE	VITON (FKM)	Black	-17 °C	+220 °C	

P1-G/NL250-EPDM	G/NL250	EPDM	Grey	-30 °C	+100 °C	
P1-G/NL250-NBR	G/NL250	NBR	White	-15 °C	+90 °C	
P1-G/NL250-Silikon	G/NL250	Silicone	Clear white	-40 °C	+200 °C	
P1-G/NL250-VITON	G/NL250	VITON (FKM)	Black	-17 °C	+220 °C	

P1-G/P200-EPDM	G/P200	EPDM	Grey	-30 °C	+100 °C	
P1-G/P200-NBR	G/P200	NBR	White	-15 °C	+90 °C	
P1-G/P200-Silikon	G/P200	Silicone	Clear white	-40 °C	+200 °C	
P1-G/P200-VITON	G/P200	VITON (FKM)	Black	-17 °C	+220 °C	

P1-G/R165-EPDM	G/R165	EPDM	Grey	-30 °C	+100 °C	
P1-G/R165-NBR	G/R165	NBR	White	-15 °C	+90 °C	
P1-G/R165-Silikon	G/R165	Silicone	Clear white	-40 °C	+200 °C	
P1-G/R165-VITON	G/R165	VITON (FKM)	Black	-17 °C	+220 °C	

P1-G/T200-EPDM	G/T200	EPDM	Grey	-30 °C	+100 °C	
P1-G/T200-NBR	G/T200	NBR	White	-15 °C	+90 °C	
P1-G/T200-Silikon	G/T200	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T200-VITON	G/T200	VITON (FKM)	Black	-17 °C	+220 °C	

# Gasket

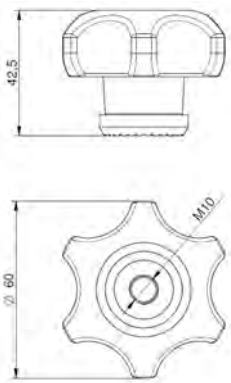

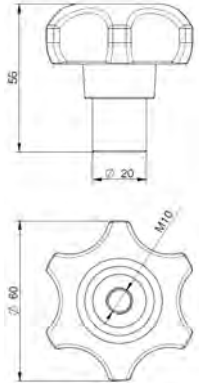

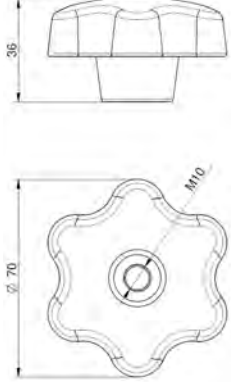

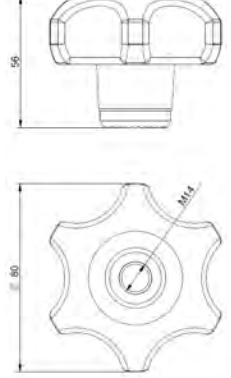

Code	Model	Material	Color	Min working temperature	Max working temperature	Profile
P1-G/T240-EPDM	G/T240	EPDM	Grey	-30 °C	+100 °C	
P1-G/T240-NBR	G/T240	NBR	White	-15 °C	+90 °C	
P1-G/T240-Silikon	G/T240	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T240-VITON	G/T240	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/T300-EPDM	G/T300	EPDM	Grey	-30 °C	+100 °C	
P1-G/T300-NBR	G/T300	NBR	White	-15 °C	+90 °C	
P1-G/T300-Silikon	G/T300	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T300-VITON	G/T300	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/T400-EPDM	G/T400	EPDM	Grey	-30 °C	+100 °C	
P1-G/T400-NBR	G/T400	NBR	White	-15 °C	+90 °C	
P1-G/T400-Silikon	G/T400	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T400-VITON	G/T400	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/T450-EPDM	G/T450	EPDM	Grey	-30 °C	+100 °C	
P1-G/T450-NBR	G/T450	NBR	White	-15 °C	+90 °C	
P1-G/T450-Silikon	G/T450	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T450-VITON	G/T450	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/T500-EPDM	G/T500	EPDM	Grey	-30 °C	+100 °C	
P1-G/T500-NBR	G/T500	NBR	White	-15 °C	+90 °C	
P1-G/T500-Silikon	G/T500	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T500-VITON	G/T500	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/T600-EPDM	G/T600	EPDM	Grey	-30 °C	+100 °C	
P1-G/T600-NBR	G/T600	NBR	White	-15 °C	+90 °C	
P1-G/T600-Silikon	G/T600	Silicone	Clear white	-40 °C	+200 °C	
P1-G/T600-VITON	G/T600	VITON (FKM)	Black	-17 °C	+220 °C	

# Gasket

Code	Model	Material	Color	Min working temperature	Max working temperature	Profile
P1-G/TR300-EPDM	G/TR300	EPDM	Grey	-30 °C	+100 °C	
P1-G/TR300-NBR	G/TR300	NBR	White	-15 °C	+90 °C	
P1-G/TR300-Silikon	G/TR300	Silicone	Clear white	-40 °C	+200 °C	
P1-G/TR300-VITON	G/TR300	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/TR500-EPDM	G/TR500	EPDM	Grey	-30 °C	+100 °C	
P1-G/TR500-NBR	G/TR500	NBR	White	-15 °C	+90 °C	
P1-G/TR500-Silikon	G/TR500	Silicone	Clear white	-40 °C	+200 °C	
P1-G/TR500-VITON	G/TR500	VITON (FKM)	Black	-17 °C	+220 °C	
P1-G/Z175-EPDM	G/Z175	EPDM	Grey	-30 °C	+100 °C	
P1-G/Z175-NBR	G/Z175	NBR	White	-15 °C	+90 °C	
P1-G/Z175-Silikon	G/Z175	Silicone	Clear white	-40 °C	+200 °C	
P1-G/Z175-VITON	G/Z175	VITON (FKM)	Black	-17 °C	+220 °C	



# Handwheel

Code	Model	Material	Connection		
P1-MEC/60	MEC/60	blue plastic	thread		
P1-MEC/60A	MEC/60A	blue plastic safety self-lock	thread		
P1-MEC/70	MEC/70	black plastic	thread		
P1-MEC/80 P1-MEC/80-B	MEC/80 MEC/80	blue plastic black plastic	thread M14 thread M14		

# Handwheel

Code	Model	Material	Connection	
P1-MEC/80A	MEC/80A	blue plastic	thread M14	
P1-MEC/80A-B	MEC/80A	black plastic safety self-lock	thread M14	



Code	Model	Material	Connection	
P1-MEC/80I-M10	MEC/80I	AISI 304	thread M10	
P1-MEC/80I-M14	MEC/80I	AISI 304	thread M14	
P1-MEC/80I-M16	MEC/80I	AISI 304	thread M16	



Code	Model	Material	Connection	
P1-MEC/90-M10	MEC/90	AISI 304	thread M10	
P1-MEC/90-M14	MEC/90	AISI 304	thread M14	
P1-MEC/90-M16	MEC/90	AISI 304	thread M16	



Code	Model	Material	Connection	
P1-MEC/150-M14	MEC/150	blue plastic	thread M14	
P1-MEC/150-M16	MEC/150	blue plastic	thread M16	



# Handwheel

Code	Model	Material	Connection	
P1-MEC/150A	MEC/150A	blue plastic safety self-lock	thread M16	

Code	Model	Material	Connection	
P1-MEC/151	MEC/151	blue plastic	aluminium bush 16 x 16 mm	

Code	Model	Material	Connection	
P1-MEC/200	MEC/200	blue plastic	aluminium bush 18 x 18 mm	
P1-MEC/200-B	MEC/200	black plastic	aluminium bush 18 x 18 mm	

Code	Model	Material	Connection	
P1-VI/165	VI/165	AISI 304	brass thread M16	
P1-VI/170	VI/170	AISI 304	brass thread M14	

# Handwheel

Code	Model	Material	Connection	
P1-VI/190	VI/190	AISI 304	mosazný závit M20	
P1-VI/200	VI/200	AISI 304	18,5 x 18,5	
P1-VI/260	VI/260	AISI 304	brass thread M24	
P1-VI/295	VI/295	AISI 304	brass thread	



# Handwheel

Code	Model	Material	Connection	
P1-VI/165A	VI/165A	AISI 304	brass thread M16	
P1-VI/295A	VI/295A	AISI 304	brass thread M10	
P1-VI/Z175A	VI/Z175A	AISI 304	brass thread M14	



Code	Model	Material	Connection	
P1-VI/165K	VI/165K	AISI 304	brass thread M16	
P1-VI/295K	VI/295K	AISI 304	brass thread M10	
P1-VI/Z175K	VI/Z175K	AISI 304	brass thread M14	

