



Technical data

E

- Interchange: exclusive Dnp profile
- Occlusion: flat face
- Locking: lever with safety device
- Material: steel and aluminum
- Finishing: Zn-Fe (Cr III), Anodizing
- Threads: BSP-NPT-SAE
- Standard seals: NBR and PU
- Working temperature: -25°C+100°C
- Optional seals: FKM, EPDM or more
- Working pressure: 250 bar
- Connection under residual pressure: allowed (male side only)

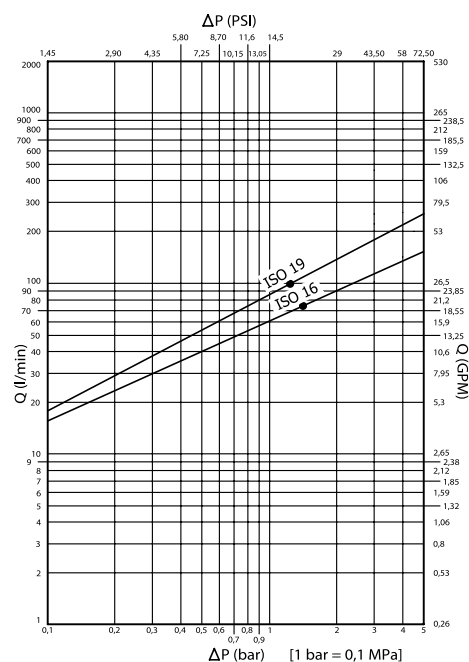
Technische Merkmale

D

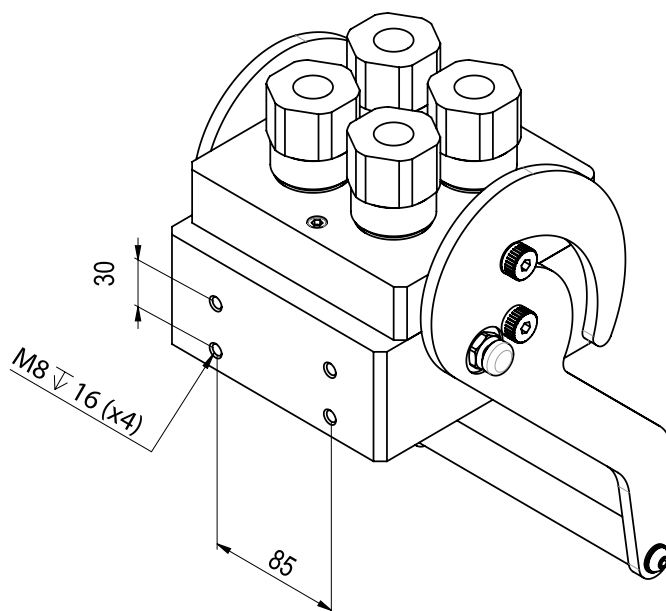
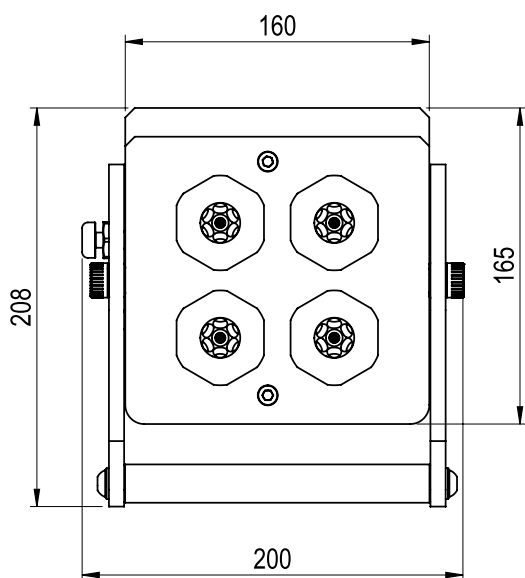
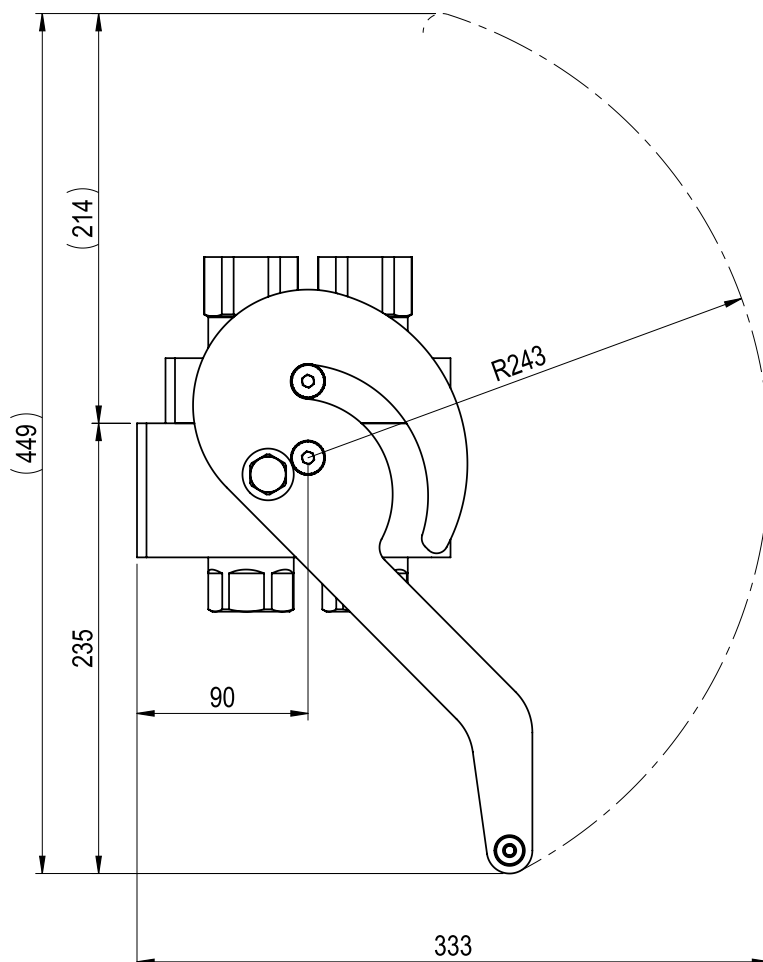
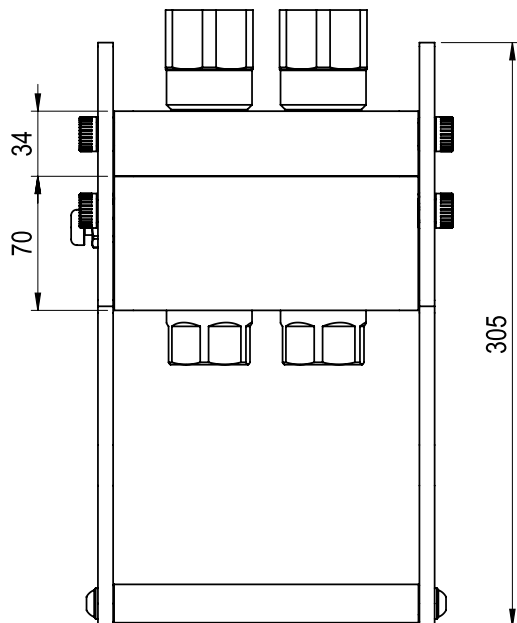
- Austauschbarkeit: laut exclusive Dnp Zeichnung
- Verschluss: flachdichtend
- Kupplung: Hebel mit doppelter Sicherung
- Werkstoff: Stahl und Aluminium
- Ausführung: Zn-Fe (Cr III), Eloxiert
- Gewinde: BSP-NPT-SAE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25°C+100°C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 250 bar
- Kuppeln unter Restdruck: erlaubt (nur Steckerseite)

Nominal size				Max working pressure	Rated flow	Max flow rate	Min burst pressure			Fluid spillage
DNP	BG	ISO	Ømm	MPa	l/min	l/min	Male	Female	Coupled	cc
22	4A	16	12.8	35	74	150	140	140	140	0.012
25	4	19	14.8	35	100	200	140	140	140	0.015

1 MPa = 145.04 psi • 1 l = 0.264 gal



PSL4 DIMENSION



PSL4 FIXED



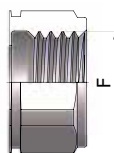
THREADS	DNP	BG	ISO	Housings	No. of Couplings	F	STANDARD	FIXED PART	
								CODE	Weight (g)
IG 1	22	4A	16	4	4	BSP 1/2"	DIN 3852-2	PSL4.4DCG.2	8930
	22	4A	16	4	4	NPT 1/2"	ANSI B1.20.1	PSL4.4DCN.2	8940
	22	4A	16	4	4	BSP 3/4"	DIN 3852-2	PSL4.4DDG.2	8805
	25	4	19	4	4	BSP 3/4"	DIN 3852-2	PSL4.4EDG.2	9315
	22	4A	16	4	4	NPT 3/4"	ANSI B1.20.1	PSL4.4DDN.2	8840
	25	4	19	4	4	NPT 3/4"	ANSI B1.20.1	PSL4.4EDN.2	9340
	25	4	19	4	4	BSP 1"	DIN 3852-2	PSL4.4EEG.2	9200
	25	4	19	4	4	NPT 1"	ANSI B1.20.1	PSL4.4EEN.2	9225
IG 2	22	4A	16	4	4	3/4"-16 UNF 2B	SAE J 1926-1	PSL4.4DCU.2	8840
	22	4A	16	4	4	7/8"-14 UNF 2B	SAE J 1926-1	PSL4.4DGU.2	8860
	25	4	19	4	4	1"-1/16-12 UN 2B	SAE J 1926-1	PSL4.4EDU.2	9350
	25	4	19	4	4	1"-5/16-12 UN 2B	SAE J 1926-1	PSL4.4EEU.2	9115

PSL4 MOBILE

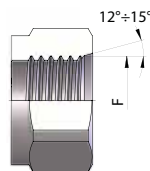


THREADS	DNP	BG	ISO	Housings	No. of Couplings	F	STANDARD	MOBILE PART	
								CODE	Weight (g)
IG 1	22	4A	16	4	4	BSP 1/2"	DIN 3852-2	PSL4.4DCG.3	3900
	22	4A	16	4	4	NPT 1/2"	ANSI B1.20.1	PSL4.4DCN.3	3900
	22	4A	16	4	4	BSP 3/4"	DIN 3852-2	PSL4.4DDG.3	3750
	25	4	19	4	4	BSP 3/4"	DIN 3852-2	PSL4.4EDG.3	4615
	22	4A	16	4	4	NPT 3/4"	ANSI B1.20.1	PSL4.4DDN.3	3770
	25	4	19	4	4	NPT 3/4"	ANSI B1.20.1	PSL4.4EDN.3	4670
	25	4	19	4	4	BSP 1"	DIN 3852-2	PSL4.4EEG.3	4500
	25	4	19	4	4	NPT 1"	ANSI B1.20.1	PSL4.4EEN.3	4540
IG 2	22	4A	16	4	4	3/4"-16 UNF 2B	SAE J 1926-1	PSL4.4DCU.3	3910
	22	4A	16	4	4	7/8"-14 UNF 2B	SAE J 1926-1	PSL4.4DGU.3	3850
	25	4	19	4	4	1"-1/16-12 UN 2B	SAE J 1926-1	PSL4.4EDU.3	4635
	25	4	19	4	4	1"-5/16-12 UN 2B	SAE J 1926-1	PSL4.4EEU.3	4400

THREADS



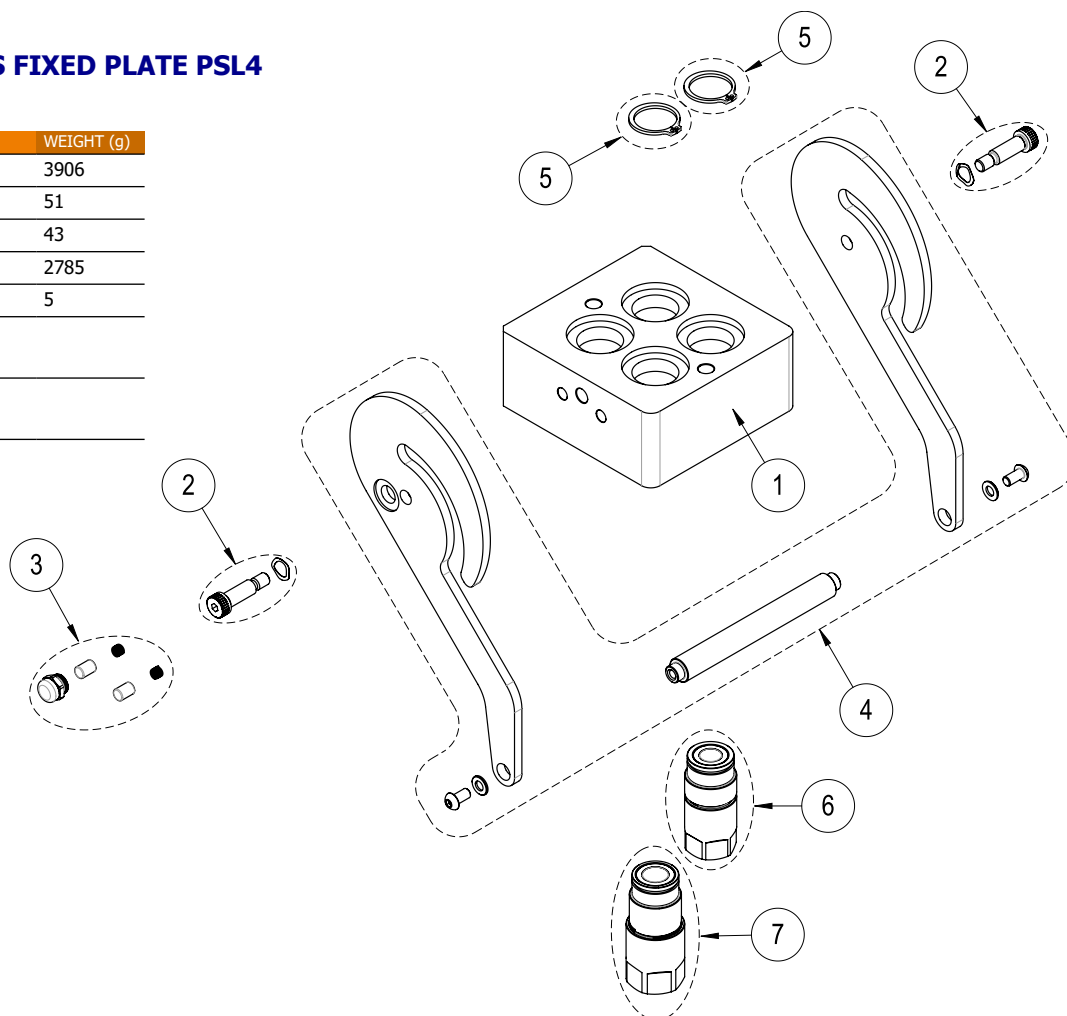
IG 1



IG 2

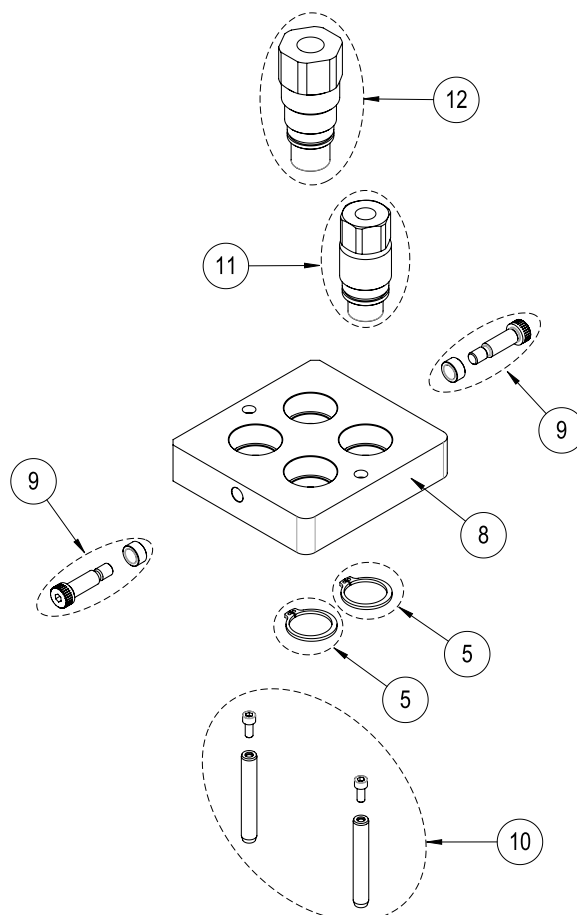
SPARE PARTS FIXED PLATE PSL4

POS.	PART NUMBER	WEIGHT (g)
1	PSL.4C00.102	3906
2	PSQ.KIT.011	51
3	PSQ.KIT.050	43
4	PSL.KIT.041	2785
5	PSL.002.016	5
6	SEE SPARE PARTS ISO 16	
7	SEE SPARE PARTS ISO 19	

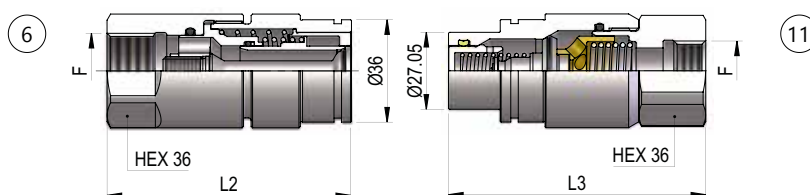


SPARE PARTS MOBILE PLATE PSL4

POS.	PART NUMBER	WEIGHT (g)
8	PSL.4C00.103	1717
9	PSL.KIT.020	117
10	PSL.KIT.017	143
11	SEE SPARE PARTS ISO 16	
12	SEE SPARE PARTS ISO 19	

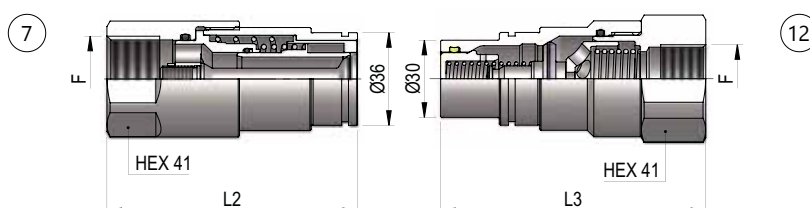


SPARE PARTS ISO 16 COUPLINGS



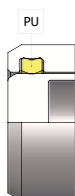
THREADS	DNP	BG	ISO	L2	L3	F	STANDARD	SPARE PARTS			
								FEMALE - MUFFE	Weight (g)	MALE - STECKER	Weight (g)
IG 1	22	4A	16	86	90.5	BSP 1/2"	DIN 3852-2	POT4.2213.112	549	POT4.2213.113	516
	22	4A	16	86	90.5	NPT 1/2"	ANSI B1.20.1	POT4.2213.012	552	POT4.2213.013	517
	22	4A	16	86	90.5	BSP 3/4"	DIN 3852-2	POT4.2219.112	518	POT4.2219.113	478
	22	4A	16	86	90.5	NPT 3/4"	ANSI B1.20.1	POT4.2219.012	526	POT4.2219.013	484
IG 2	22	4A	16	82	90.5	3/4" - 16 UNF 2B	SAE J 1926-1	POT4.2219.032	526	POT4.2219.033	519
	22	4A	16	84	90.5	7/8" - 14 UNF 2B	SAE J 1926-1	POT4.2223.032	531	POT4.2223.033	503

SPARE PARTS ISO 19 COUPLINGS



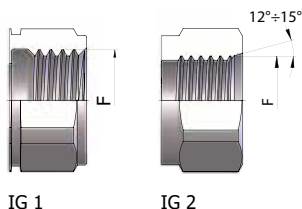
THREADS	DNP	BG	ISO	L2	L3	F	STANDARD	SPARE PARTS			
								FEMALE - MUFFE	Weight (g)	MALE - STECKER	Weight (g)
IG 1	25	4	19	94.5	103	BSP 3/4"	DIN 3852-2	POT4.2519.112	645	POT4.2519.113	695
	25	4	19	94.5	104	NPT 3/4"	ANSI B1.20.1	POT4.2519.012	651	POT4.2519.013	709
	25	4	19	97.5	107	BSP 1"	DIN 3852-2	POT4.2525.112	616	POT4.2525.113	666
	25	4	19	97.5	107	NPT 1"	ANSI B1.20.1	POT4.2525.012	623	POT4.2525.013	677
IG 2	25	4	19	95	104	1"1/16-12 UN 2B	SAE J 1926-1	POT4.2527.032	633	POT4.2527.033	700
	25	4	19	95	105	1"5/16-12 UN 2B	SAE J 1926-1	POT4.2533.032	595	POT4.2533.033	642

SPARE PARTS SEALS



NOMINAL SIZE			MALE GASKET
DNP	BG	ISO	PU(POLYURETHANE)
22	4A	16	PVT.022.210
25	4	19	PVT.025.210

THREADS



IG 1

IG 2