



Technical data

E

- Interchange: Stucchi DP4
- Occlusion: flat face
- Locking: lever with safety device
- Material: steel and aluminum
- Finishing: Zn-Fe (Cr III), Zn-Ni, cataphoresis
- Threads: BSP-NPT-SAE-METRICS
- Standard seals: NBR and PU
- Working temperature: -25°C+100°C
- Optional seals: FKM, EPDM or more.
- Working pressure: 350 bar
- Connection under residual pressure: allowed (male side only)

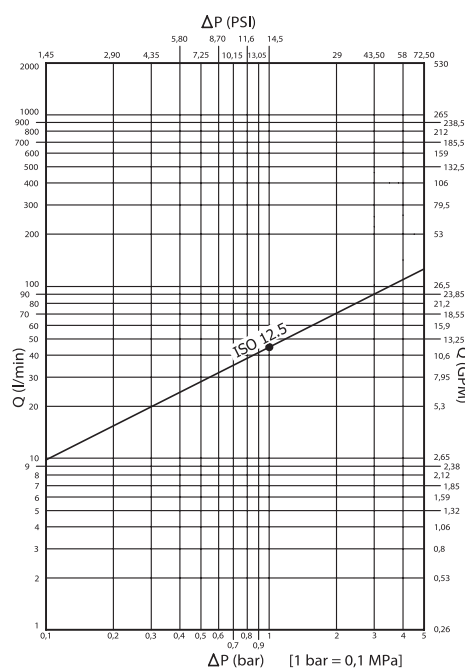
Technische Merkmale

D

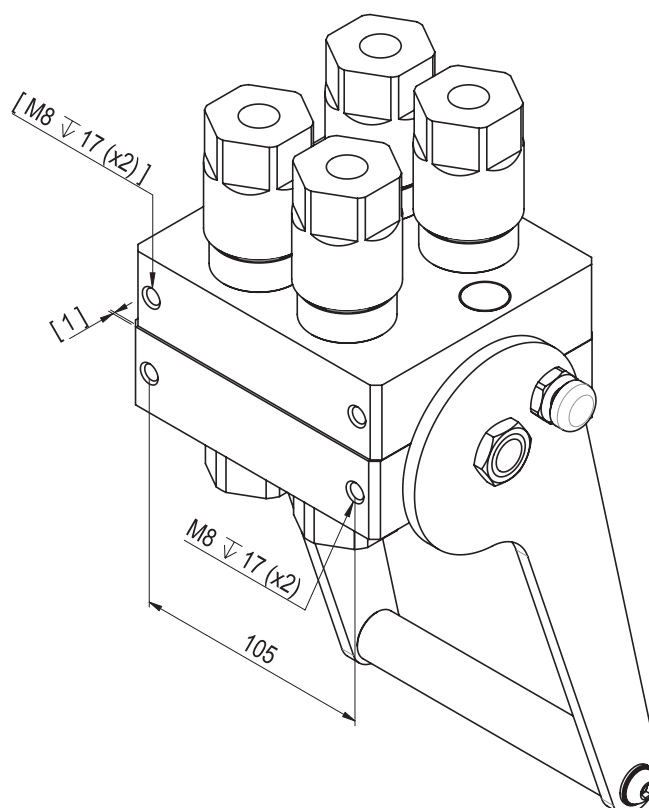
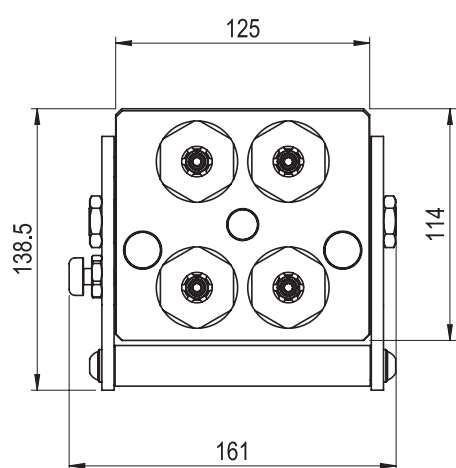
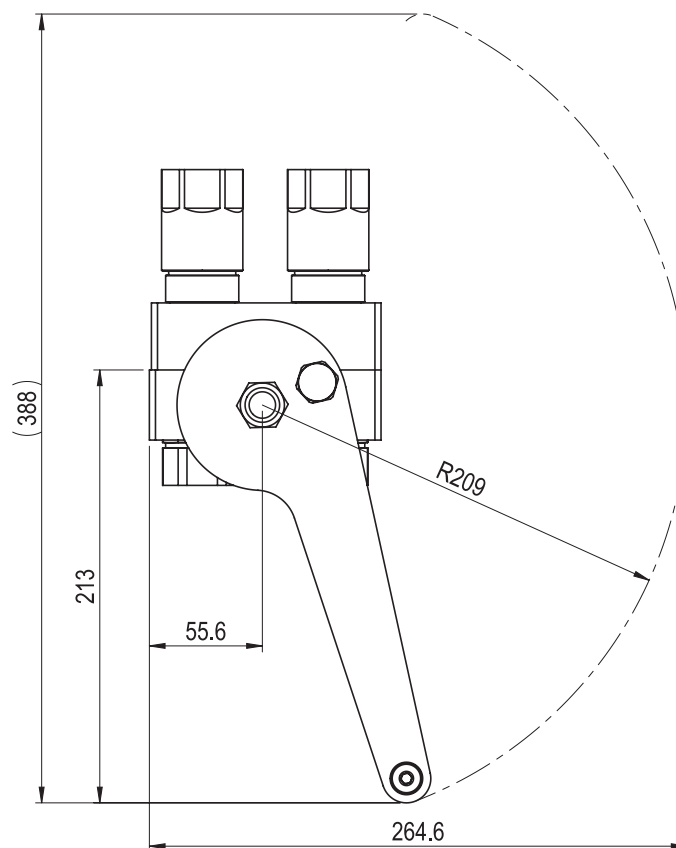
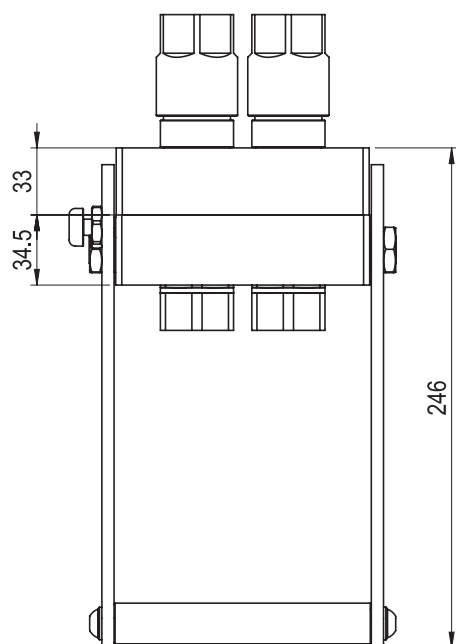
- Austauschbarkeit: Stucchi DP4
- Verschluss: flachdichtend
- Kupplung: Hebel mit doppelter Sicherung
- Werkstoff: Stahl und Aluminium
- Ausführung: Zn-Fe (Cr III), Zn-Ni, Kataphorese
- Gewinde: BSP-NPT-SAE-METRISCHE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25°C+100°C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 350 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
20	3	12.5	10.7	35	45	90	140	140	140	0.010

1 MPa = 145.04 psi • 1 l = 0.264 gal



PDP4 DIMENSION



PDP4 FIXED



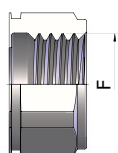
THREADS	DNP	BG	ISO	Housings	No. of Couplings	F	STANDARD	FIXED PART	
								CODE	Weight (g)
IG 1	20	3	12.5	4	4	BSP 1/2"	DIN 3852-2	PDP4.4GCG.2	3037
	20	3	12.5	4	4	NPT 1/2"	ANSI B1.20.1	PDP4.4GCN.2	3090
	20	3	12.5	4	4	BSP 3/4"	DIN 3852-2	PDP4.4GDG.2	2958
	20	3	12.5	4	4	NPT 3/4"	ANSI B1.20.1	PDP4.4GDN.2	2980
	20	3	12.5	4	4	M18x1.5	DIN 3852-1	PDP4.4GCM.2	3033
IG 2	20	3	12.5	4	4	M22x1.5	ISO 6149-1	PDP4.4GEF.2	2966
	20	3	12.5	4	4	M26x1.5	-	PDP4.4GGF.2	2953
	20	3	12.5	4	4	3/4"-16 UNF 2B	SAE J 1926-1	PDP4.4GCU.2	3005
	20	3	12.5	4	4	7/8"-14 UNF 2B	SAE J 1926-1	PDP4.4GU.2	2923
	20	3	12.5	4	4	1"1/16-12 UN 2B	SAE J 1926-1	PDP4.4GDU.2	3055
AG 2	20	3	12.5	4	4	3/4"-16 UNF 2A	ISO 8434-2	PDP4.4GCV.2	2822
	20	3	12.5	4	4	7/8"-14 UNF 2A	ISO 8434-2	PDP4.4GGV.2	2920
	20	3	12.5	4	4	1"1/16-12 UN 2A	ISO 8434-2	PDP4.4GDV.2	2859
AG 3	20	3	12.5	4	4	M18x1.5-12L	ISO 8434-1-L	PDP4.4GCL.2	2789
	20	3	12.5	4	4	M22x1.5-15L	ISO 8434-1-L	PDP4.4GEL.2	2809
	20	3	12.5	4	4	M26x1.5-18L	ISO 8434-1-L	PDP4.4GGL.2	2834
	20	3	12.5	4	4	M18x1.5-10S	ISO 8434-1-S	PDP4.4GCS.2	2804
	20	3	12.5	4	4	M20x1.5-12S	ISO 8434-1-S	PDP4.4GDS.2	2815
	20	3	12.5	4	4	M22x1.5-14S	ISO 8434-1-S	PDP4.4GES.2	2831
	20	3	12.5	4	4	M24x1.5-16S	ISO 8434-1-S	PDP4.4GFS.2	2842

PDP4 MOBILE

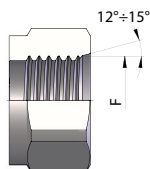


THREADS	DNP	BG	ISO	Housings	No. of Couplings	F	STANDARD	MOBILE PART	
								CODE	Weight (g)
IG 1	20	3	12.5	4	4	BSP 1/2"	DIN 3852-2	PDP4.4GCG.3	3038
	20	3	12.5	4	4	NPT 1/2"	ANSI B1.20.1	PDP4.4GCN.3	3050
	20	3	12.5	4	4	BSP 3/4"	DIN 3852-2	PDP4.4GDG.3	2914
	20	3	12.5	4	4	NPT 3/4"	ANSI B1.20.1	PDP4.4GDN.3	2947
	20	3	12.5	4	4	M18x1.5	DIN 3852-1	PDP4.4GCM.3	3057
IG 2	20	3	12.5	4	4	M22x1.5	ISO 6149-1	PDP4.4GEF.3	2988
	20	3	12.5	4	4	M26x1.5	-	PDP4.4GGF.3	2904
	20	3	12.5	4	4	3/4"-16 UNF 2B	SAE J 1926-1	PDP4.4GCU.3	2948
	20	3	12.5	4	4	7/8"-14 UNF 2B	SAE J 1926-1	PDP4.4GU.3	2888
	20	3	12.5	4	4	1"1/16-12 UN 2B	SAE J 1926-1	PDP4.4GDU.3	2968
AG 2	20	3	12.5	4	4	3/4"-16 UNF 2A	ISO 8434-2	PDP4.4GCV.3	2813
	20	3	12.5	4	4	7/8"-14 UNF 2A	ISO 8434-2	PDP4.4GGV.3	2874
	20	3	12.5	4	4	1"1/16-12 UN 2A	ISO 8434-2	PDP4.4GDV.3	2849
AG 3	20	3	12.5	4	4	M18x1.5-12L	ISO 8434-1-L	PDP4.4GCL.3	2733
	20	3	12.5	4	4	M22x1.5-15L	ISO 8434-1-L	PDP4.4GEL.3	2754
	20	3	12.5	4	4	M26x1.5-18L	ISO 8434-1-L	PDP4.4GGL.3	2786
	20	3	12.5	4	4	M18x1.5-10S	ISO 8434-1-S	PDP4.4GCS.3	2760
	20	3	12.5	4	4	M20x1.5-12S	ISO 8434-1-S	PDP4.4GDS.3	2769
	20	3	12.5	4	4	M22x1.5-14S	ISO 8434-1-S	PDP4.4GES.3	2786
	20	3	12.5	4	4	M24x1.5-16S	ISO 8434-1-S	PDP4.4GFS.3	2799

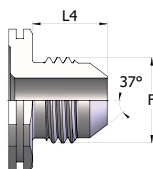
THREADS



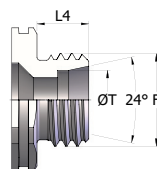
IG 1



IG 2



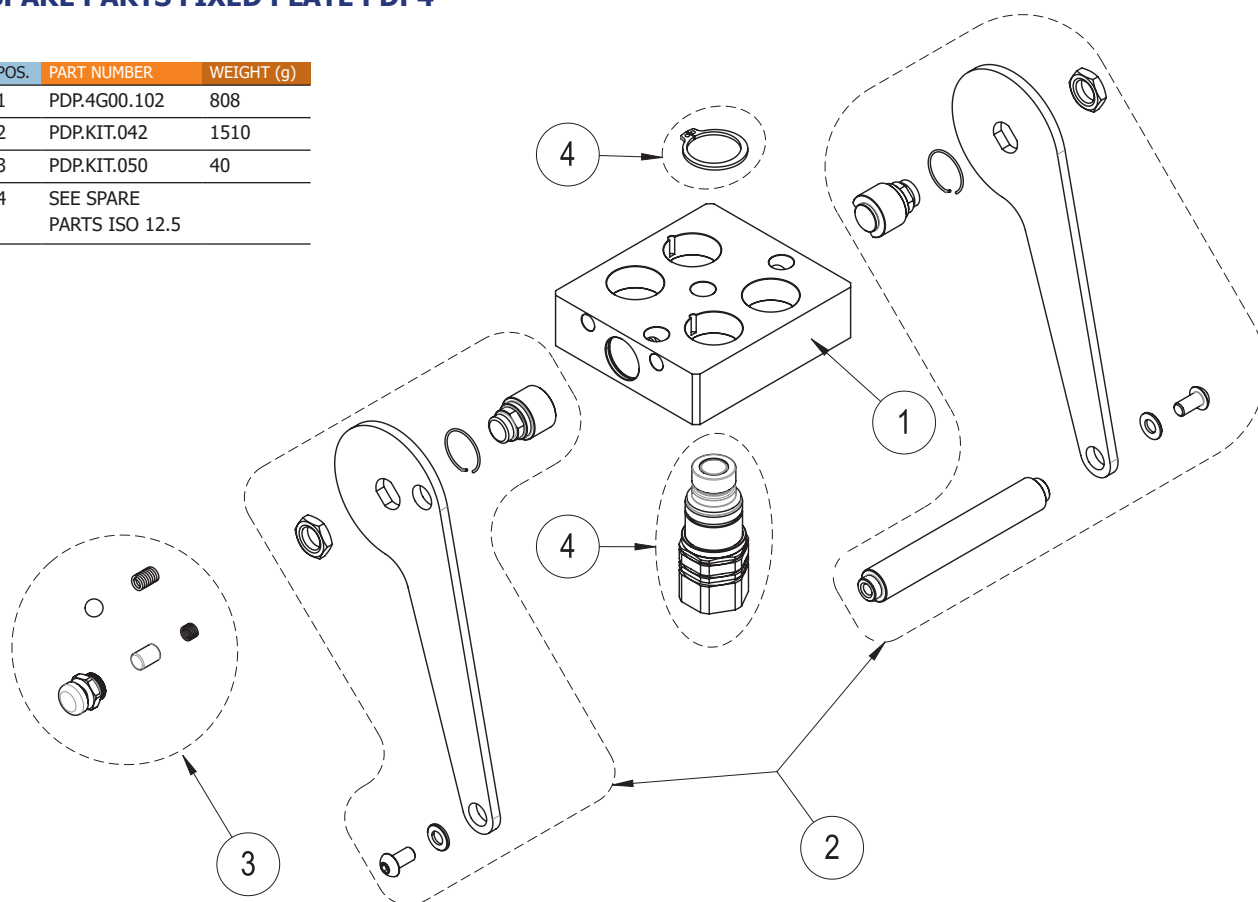
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AG 3

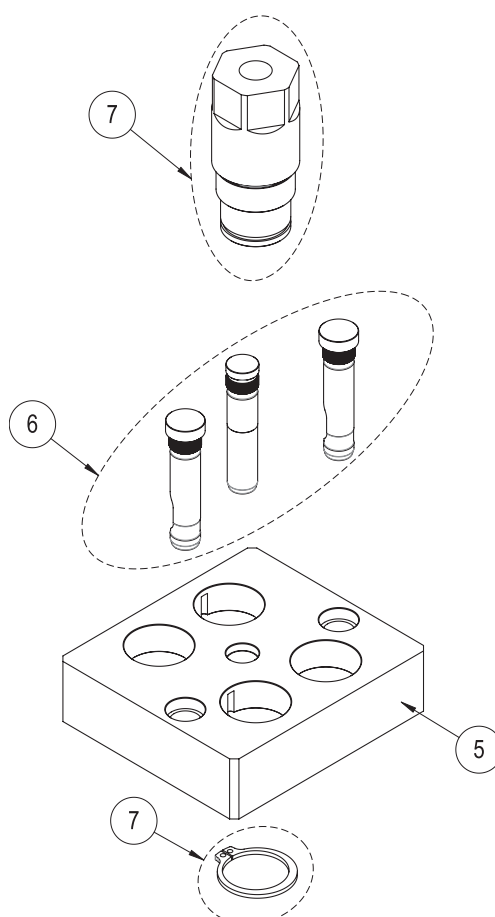
SPARE PARTS FIXED PLATE PDP4

POS.	PART NUMBER	WEIGHT (g)
1	PDP.4G00.102	808
2	PDP.KIT.042	1510
3	PDP.KIT.050	40
4	SEE SPARE PARTS ISO 12.5	

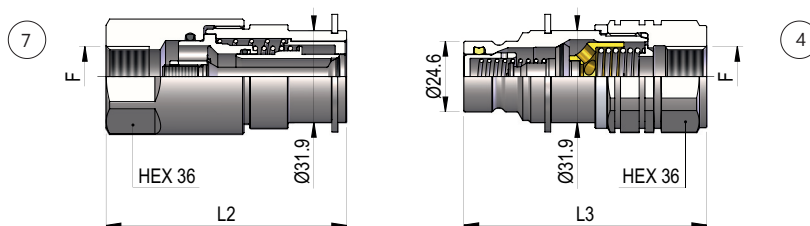


SPARE PARTS MOBILE PLATE PDP4

POS.	PART NUMBER	WEIGHT (g)
5	PDP.4G00.103	794
6	PDP.KIT.017	230
7	SEE SPARE PARTS ISO 12.5	

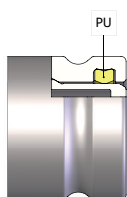


SPARE PARTS ISO 12.5 COUPLINGS



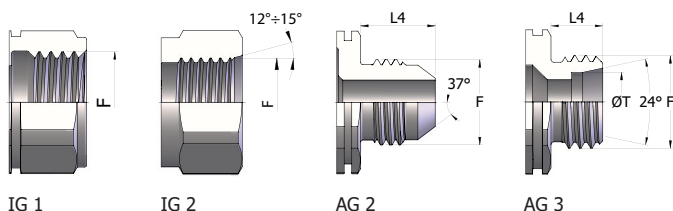
THREADS	DNP	BG	ISO	L2	L3	L4	ØT	F	STANDARD	SPARE PARTS			
										FEMALE - MUFFE		MALE - STECKER	
										COD. F	Weight (g)	COD. M	Weight (g)
IG 1	20	3	12.5	83.7	84.5			BSP 1/2"	DIN 3852-2	POT4.2013.112 R	640	POT4.2013.113 R	362
	20	3	12.5	83.7	86			NPT 1/2"	ANSI B1.20.1	POT4.2013.012 R	643	POT4.2013.013 R	375
	20	3	12.5	83.7	86.5			BSP 3/4"	DIN 3852-2	POT4.2019.112 R	609	POT4.2019.113 R	342
	20	3	12.5	83.7	86			NPT 3/4"	ANSI B1.20.1	POT4.2019.012 R	617	POT4.2019.013 R	347
	20	3	12.5	82.7	82.5			M18x1.5	DIN 3852-1	POT4.2018.102 R	645	POT4.2018.103 R	361
IG 2	20	3	12.5	82.7	82			M22x1.5	ISO 6149-1	POT4.2022.102 R	628	POT4.2022.103 R	344
	20	3	12.5	83.7	86			M26x1.5	-	POT4.2026.102 R	607	POT4.2026.103 R	341
	20	3	12.5	79.7	82			3/4"-16 UNF 2B	SAE J 1926-1	POT4.2019.032 R	618	POT4.2019.033 R	354
	20	3	12.5	83.7	86			1"1/16-16 UN 2B	SAE J 1926-1	POT4.2023.032 R	623	POT4.2023.033 R	366
	20	3	12.5	81.7	86			7/8"-14 UNF 2B	SAE J 1926-1	POT4.2027.032 R	603	POT4.2027.033 R	333
AG 2	20	3	12.5	87.5	87.7	16.7		3/4"-16 UNF 2A	ISO 8434-2	POT4.2019.302 R	584	POT4.2019.303 R	308
	20	3	12.5	92.7	93	19.3		7/8"-14 UNF 2A	ISO 8434-2	POT4.2023.302 R	593	POT4.2023.303 R	317
	20	3	12.5	90	90.3	22		1"1/16-16 UN 2A	ISO 8434-2	POT4.2027.302 R	599	POT4.2027.303 R	332
AG 3	20	3	12.5	81.7	82	11	12L	M18x1.5	ISO 8434-1-L	POT4.2018.302 R	564	POT4.2018.303 R	300
	20	3	12.5	82.7	83	12	15L	M22x1.5	ISO 8434-1-L	POT4.2022.302 R	569	POT4.2022.303 R	305
	20	3	12.5	82.7	83	12	18L	M26x1.5	ISO 8434-1-L	POT4.2026.302 R	577	POT4.2026.303 R	311
	20	3	12.5	82.7	83	12	10S	M18x1.5	ISO 8434-1-S	POT4.2018.402 R	571	POT4.2018.403 R	303
	20	3	12.5	82.7	83	12	12S	M20x1.5	ISO 8434-1-S	POT4.2020.402 R	573	POT4.2020.403 R	306
	20	3	12.5	84.7	85	14	14S	M22x1.5	ISO 8434-1-S	POT4.2022.402 R	577	POT4.2022.403 R	310
	20	3	12.5	84.7	85	14	16S	M24x1.5	ISO 8434-1-S	POT4.2024.402 R	580	POT4.2024.403 R	313

SPARE PARTS SEALS



NOMINAL SIZE			MALE GASKET
DNP	BG	ISO	PU(POLYURETHANE)
20	3	12.5	PVT.019.210

THREADS



DOCKING STATION

POS.	PART NUMBER	WEIGHT (g)
1	PPDP.340	1070

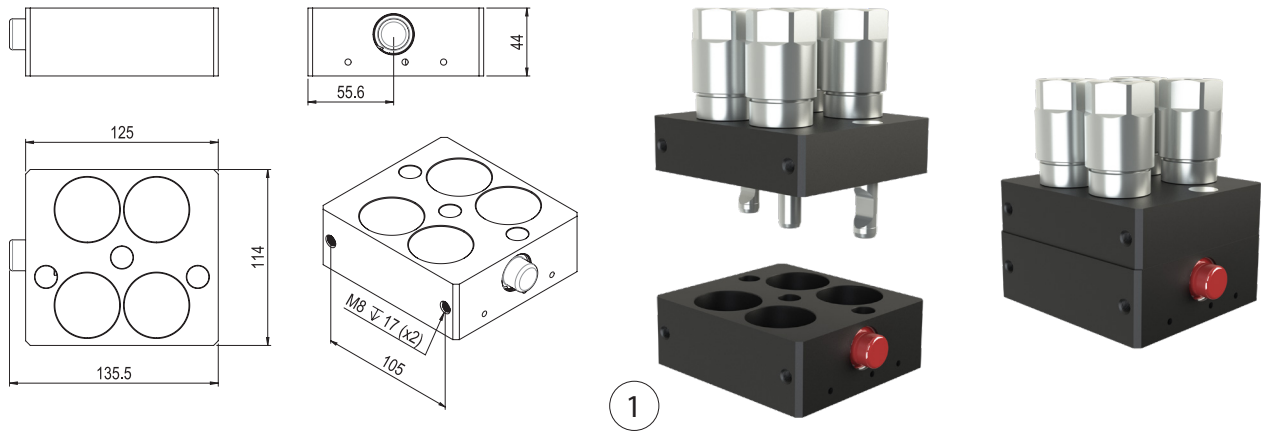
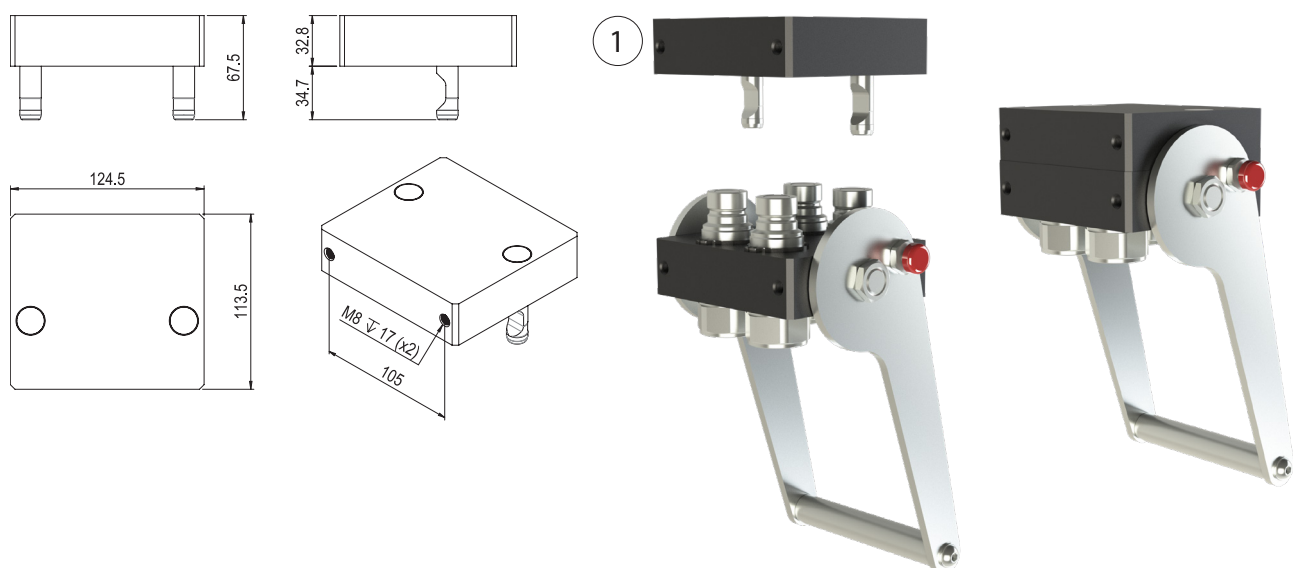


PLATE CAP

POS.	PART NUMBER	WEIGHT (g)
1	SPDP.240	900





Technical data

E

- Interchange: Stucchi DP4
- Occlusion: flat face
- Locking: lever with safety device
- Material: steel and aluminum
- Finishing: Zn-Fe (Cr III), Zn-Ni, cataphoresis
- Threads: BSP-NPT-SAE-METRICS
- Standard seals: NBR and PU
- Working temperature: -25°C+100°C
- Optional seals: FKM, EPDM or more.
- Working pressure: 350 bar
- Connection under residual pressure: allowed (male side only)

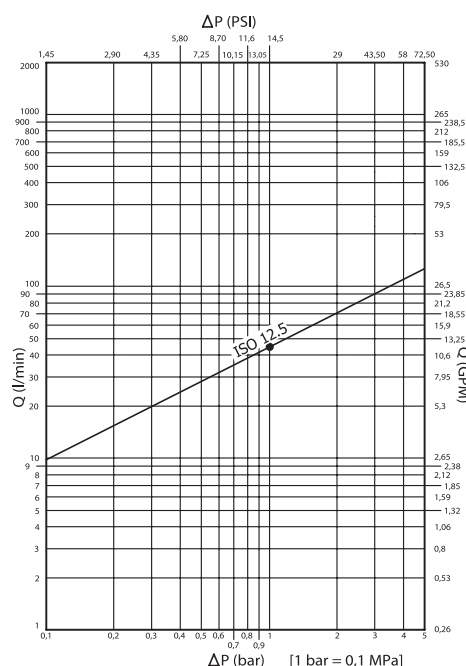
Technische Merkmale

D

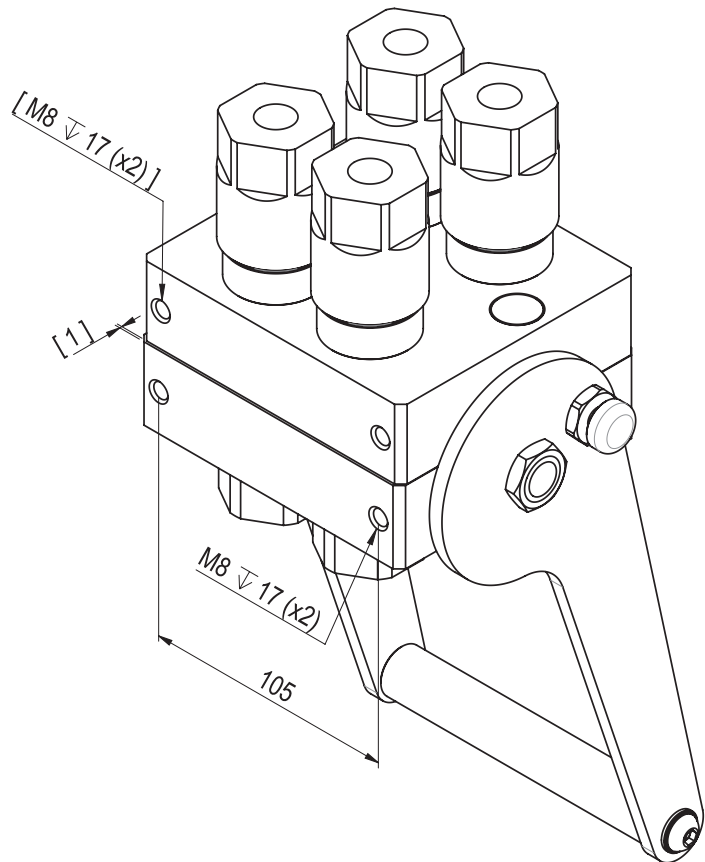
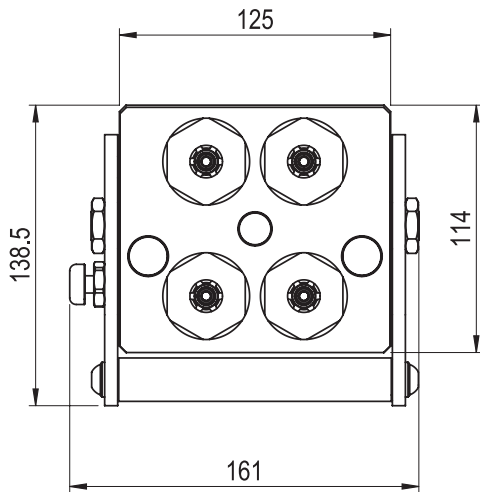
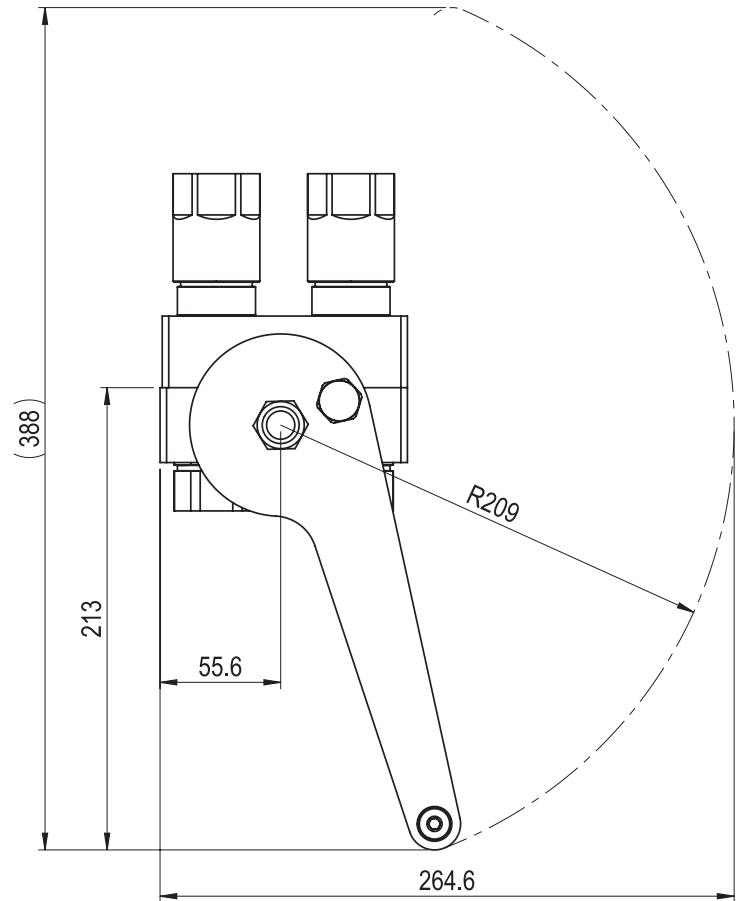
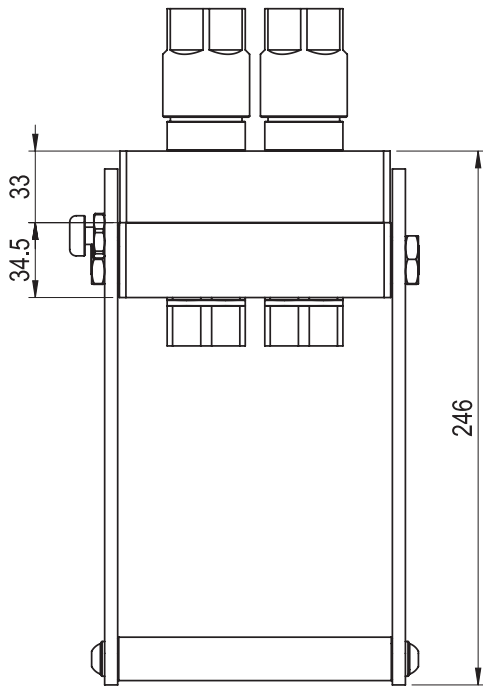
- Austauschbarkeit: Stucchi DP4
- Verschluss: flachdichtend
- Kupplung: Hebel mit doppelter Sicherung
- Werkstoff: Stahl und Aluminium
- Ausführung: Zn-Fe (Cr III), Zn-Ni, Kataphorese
- Gewinde: BSP-NPT-SAE-METRISCHE
- Standard-Dichtungen: NBR und PU
- Betriebstemperatur: -25°C+100°C
- Dichtungen nach Wahl: FKM, EPDM, usw.
- Betriebsdruck: 350 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
20	3	12.5	10.7	35	45	90	140	140	140	0.010

1 MPa = 145.04 psi • 1 l = 0.264 gal



PDP4 N DIMENSION



PDP4 N FIXED



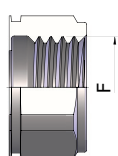
THREADS	DNP	BG	ISO	Housings	No. of Couplings	F	STANDARD	FIXED PART CODE	Weight (g)
IG 1	20	3	12.5	4	4	BSP 1/2"	DIN 3852-2	PDP4.4GCG.2 N	3091
	20	3	12.5	4	4	NPT 1/2"	ANSI B1.20.1	PDP4.4GCN.2 N	3144
	20	3	12.5	4	4	BSP 3/4"	DIN 3852-2	PDP4.4GDG.2 N	3012
	20	3	12.5	4	4	NPT 3/4"	ANSI B1.20.1	PDP4.4GDN.2 N	3034
	20	3	12.5	4	4	M18x1.5	DIN 3852-1	PDP4.4GCM.2 N	3087
IG 2	20	3	12.5	4	4	M22x1.5	ISO 6149-1	PDP4.4GEF.2 N	3019
	20	3	12.5	4	4	M26x1.5	-	PDP4.4GGF.2 N	3007
	20	3	12.5	4	4	3/4"-16 UNF 2B	SAE J 1926-1	PDP4.4GCU.2 N	3059
	20	3	12.5	4	4	7/8"-14 UNF 2B	SAE J 1926-1	PDP4.4GGU.2 N	3109
	20	3	12.5	4	4	1"1/16-16 UN 2B	SAE J 1926-1	PDP4.4GDU.2 N	2976
AG 2	20	3	12.5	4	4	3/4"-16 UNF 2A	ISO 8434-2	PDP4.4GCV.2 N	2876
	20	3	12.5	4	4	7/8"-14 UNF 2A	ISO 8434-2	PDP4.4GGV.2 N	2912
	20	3	12.5	4	4	1"1/16-12 UN 2A	ISO 8434-2	PDP4.4GDV.2 N	2974
AG 3	20	3	12.5	4	4	M18x1.5-12L	ISO 8434-1-L	PDP4.4GCL.2 N	2843
	20	3	12.5	4	4	M22x1.5-15L	ISO 8434-1-L	PDP4.4GEL.2 N	2862
	20	3	12.5	4	4	M26x1.5-18L	ISO 8434-1-L	PDP4.4GGL.2 N	2887
	20	3	12.5	4	4	M18x1.5-10S	ISO 8434-1-S	PDP4.4GCS.2 N	2858
	20	3	12.5	4	4	M20x1.5-12S	ISO 8434-1-S	PDP4.4GDS.2 N	2869
	20	3	12.5	4	4	M22x1.5-14S	ISO 8434-1-S	PDP4.4GES.2 N	2884
	20	3	12.5	4	4	M24x1.5-16S	ISO 8434-1-S	PDP4.4GFS.2 N	2895

PDP4 N MOBILE

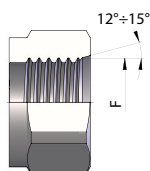


THREADS	DNP	BG	ISO	Housings	No. of Couplings	F	STANDARD	MOBILE PART CODE	Weight (g)
IG 1	20	3	12.5	4	4	BSP 1/2"	DIN 3852-2	PDP4.4GCG.3 N	3135
	20	3	12.5	4	4	NPT 1/2"	ANSI B1.20.1	PDP4.4GCN.3 N	3146
	20	3	12.5	4	4	BSP 3/4"	DIN 3852-2	PDP4.4GDG.3 N	3010
	20	3	12.5	4	4	NPT 3/4"	ANSI B1.20.1	PDP4.4GDN.3 N	3044
	20	3	12.5	4	4	M18x1.5	DIN 3852-1	PDP4.4GCM.3 N	3153
IG 2	20	3	12.5	4	4	M22x1.5	ISO 6149-1	PDP4.4GEF.3 N	3084
	20	3	12.5	4	4	M26x1.5	-	PDP4.4GGF.3 N	3000
	20	3	12.5	4	4	3/4"-16 UNF 2B	SAE J 1926-1	PDP4.4GCU.3 N	3044
	20	3	12.5	4	4	7/8"-14 UNF 2B	SAE J 1926-1	PDP4.4GGU.3 N	3065
	20	3	12.5	4	4	1"1/16-12 UN 2B	SAE J 1926-1	PDP4.4GDU.3 N	2984
AG 2	20	3	12.5	4	4	3/4"-16 UNF 2A	ISO 8434-2	PDP4.4GCV.3 N	2910
	20	3	12.5	4	4	7/8"-14 UNF 2A	ISO 8434-2	PDP4.4GGV.3 N	2946
	20	3	12.5	4	4	1"1/16-12 UN 2A	ISO 8434-2	PDP4.4GDV.3 N	2971
AG 3	20	3	12.5	4	4	M18x1.5-12L	ISO 8434-1-L	PDP4.4GCL.3 N	2830
	20	3	12.5	4	4	M22x1.5-15L	ISO 8434-1-L	PDP4.4GEL.3 N	2851
	20	3	12.5	4	4	M26x1.5-18L	ISO 8434-1-L	PDP4.4GGL.3 N	2883
	20	3	12.5	4	4	M18x1.5-10S	ISO 8434-1-S	PDP4.4GCS.3 N	2856
	20	3	12.5	4	4	M20x1.5-12S	ISO 8434-1-S	PDP4.4GDS.3 N	2866
	20	3	12.5	4	4	M22x1.5-14S	ISO 8434-1-S	PDP4.4GES.3 N	2882
	20	3	12.5	4	4	M24x1.5-16S	ISO 8434-1-S	PDP4.4GFS.3 N	2895

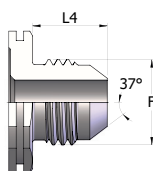
THREADS



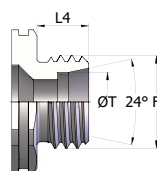
IG 1



IG 2



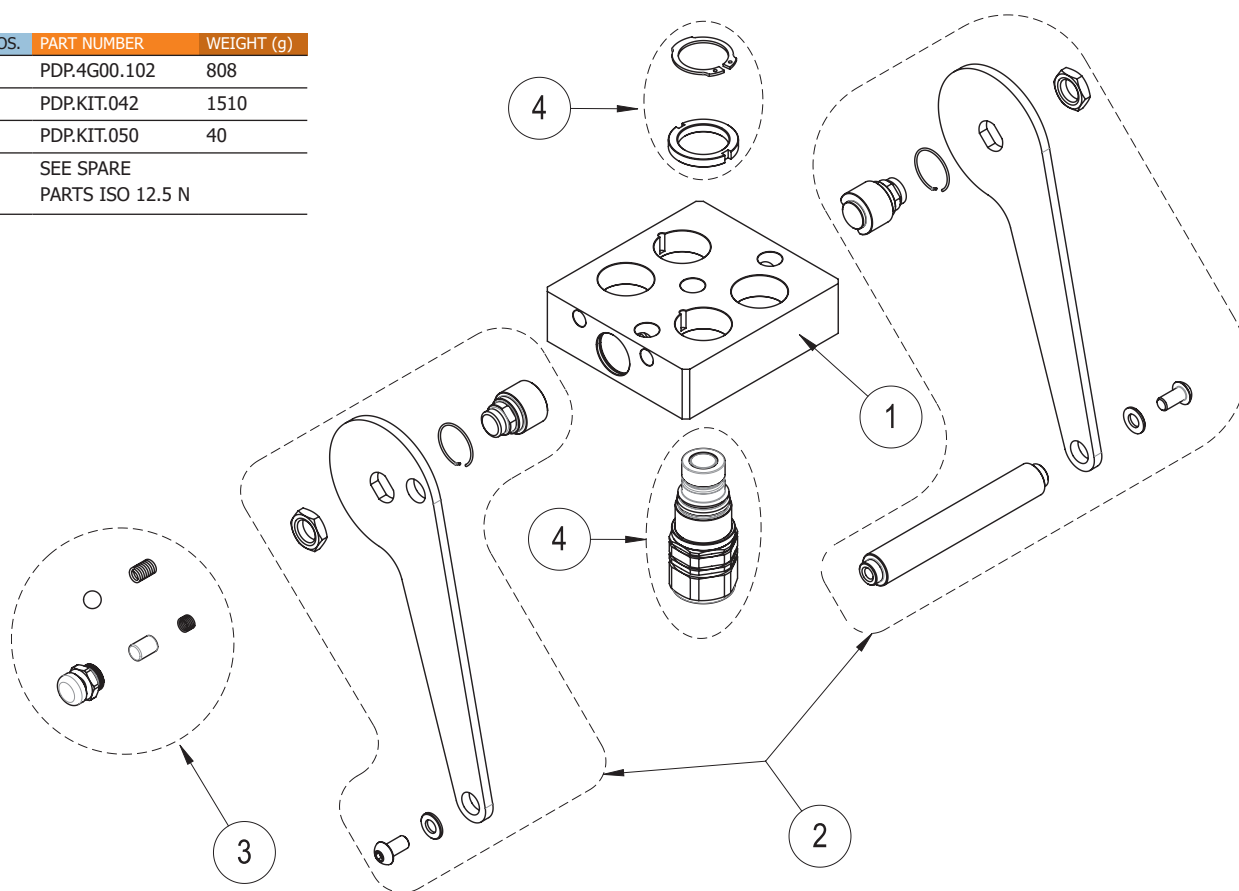
AG 2



AG 3

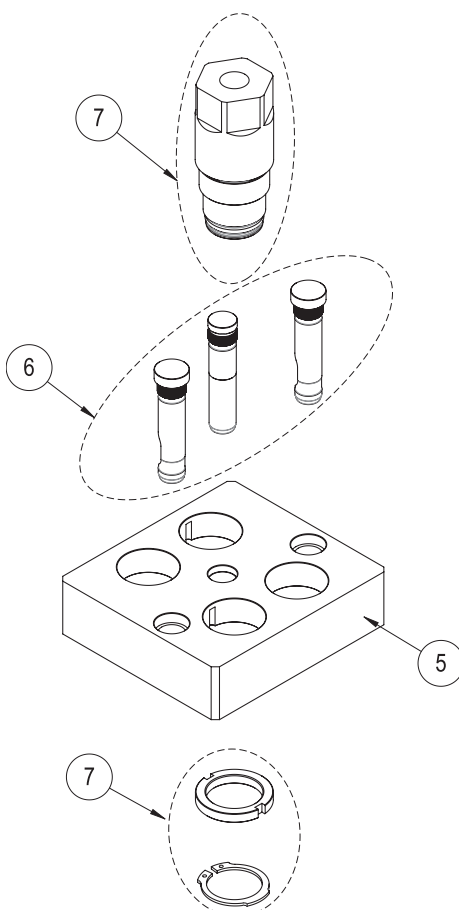
SPARE PARTS FIXED PLATE PDP4 N

POS.	PART NUMBER	WEIGHT (g)
1	PDP.4G00.102	808
2	PDP.KIT.042	1510
3	PDP.KIT.050	40
4	SEE SPARE PARTS ISO 12.5 N	

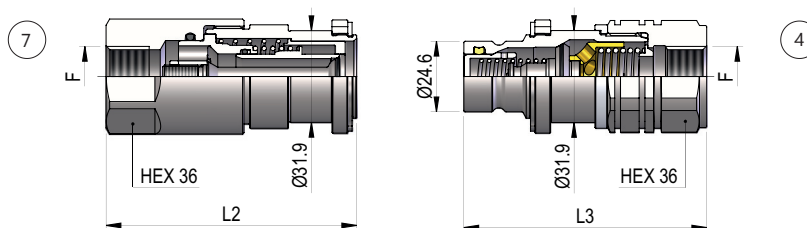


SPARE PARTS MOBILE PLATE PDP4 N

POS.	PART NUMBER	WEIGHT (g)
5	PDP.4G00.103	794
6	PDP.KIT.017	230
7	SEE SPARE PARTS ISO 12.5 N	

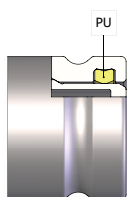


SPARE PARTS ISO 12.5 COUPLINGS



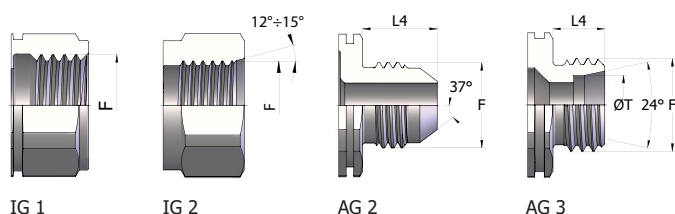
THREADS	DNP	BG	ISO	L2	L3	L4	ØT	F	STANDARD	SPARE PARTS			
										FEMALE - MUFFE		MALE - STECKER	
										COD. F	Weight (g)	COD. M	Weight (g)
IG 1	20	3	12.5	87.2	84.5			BSP 1/2"	DIN 3852-2	PDP4.2013.112 R	664	PDP4.2013.113 R	375
	20	3	12.5	87.2	86			NPT 1/2"	ANSI B1.20.1	PDP4.2013.012 R	667	PDP4.2013.013 R	388
	20	3	12.5	87.2	86.5			BSP 3/4"	DIN 3852-2	PDP4.2019.112 R	633	PDP4.2019.113 R	355
	20	3	12.5	87.2	86			NPT 3/4"	ANSI B1.20.1	PDP4.2019.012 R	642	PDP4.2019.013 R	361
	20	3	12.5	86.2	82.5			M18x1.5	DIN 3852-1	PDP4.2018.102 R	669	PDP4.2018.103 R	374
IG 2	20	3	12.5	86.2	82			M22x1.5	ISO 6149-1	PDP4.2022.102 R	652	PDP4.2022.103 R	357
	20	3	12.5	83.7	86			M26x1.5	-	PDP4.2026.102 R	631	PDP4.2026.103 R	354
	20	3	12.5	83.2	82			3/4"-16 UNF 2B	SAE J 1926-1	PDP4.2019.032 R	642	PDP4.2019.033 R	367
	20	3	12.5	87.2	86			7/8"-14 UNF 2B	SAE J 1926-1	PDP4.2023.032 R	647	PDP4.2023.033 R	380
	20	3	12.5	85.2	86			1"1/16-16 UN 2B	SAE J 1926-1	PDP4.2027.032 R	627	PDP4.2027.033 R	346
AG 2	20	3	12.5	87.4	87.7	16.7		3/4"-16 UNF 2A	ISO 8434-2	PDP4.2019.302 R	608	PDP4.2019.303 R	321
	20	3	12.5	90	93	19.3		7/8"-14 UNF 2A	ISO 8434-2	PDP4.2023.302 R	617	PDP4.2023.303 R	330
	20	3	12.5	92.7	90.3	22		1"1/16-16 UN 2A	ISO 8434-2	PDP4.2027.302 R	623	PDP4.2027.303 R	346
AG 3	20	3	12.5	85.2	82	11	12L	M18x1.5	ISO 8434-1-L	PDP4.2018.302 R	588	PDP4.2018.303 R	313
	20	3	12.5	86.2	83	12	15L	M22x1.5	ISO 8434-1-L	PDP4.2022.302 R	593	PDP4.2022.303 R	318
	20	3	12.5	86.2	83	12	18L	M26x1.5	ISO 8434-1-L	PDP4.2026.302 R	601	PDP4.2026.303 R	324
	20	3	12.5	86.2	83	12	10S	M18x1.5	ISO 8434-1-S	PDP4.2018.402 R	595	PDP4.2018.403 R	317
	20	3	12.5	86.2	83	12	12S	M20x1.5	ISO 8434-1-S	PDP4.2020.402 R	597	PDP4.2020.403 R	320
	20	3	12.5	88.2	85	14	14S	M22x1.5	ISO 8434-1-S	PDP4.2022.402 R	601	PDP4.2022.403 R	323
	20	3	12.5	88.2	85	14	16S	M24x1.5	ISO 8434-1-S	PDP4.2024.402 R	604	PDP4.2024.403 R	326

SPARE PARTS SEALS



NOMINAL SIZE			MALE GASKET
DNP	BG	ISO	PU (POLYURETHANE)
20	3	12.5	PVT.019.210

THREADS



DOCKING STATION

POS.	PART NUMBER	WEIGHT (g)
1	PPDP.340	1070

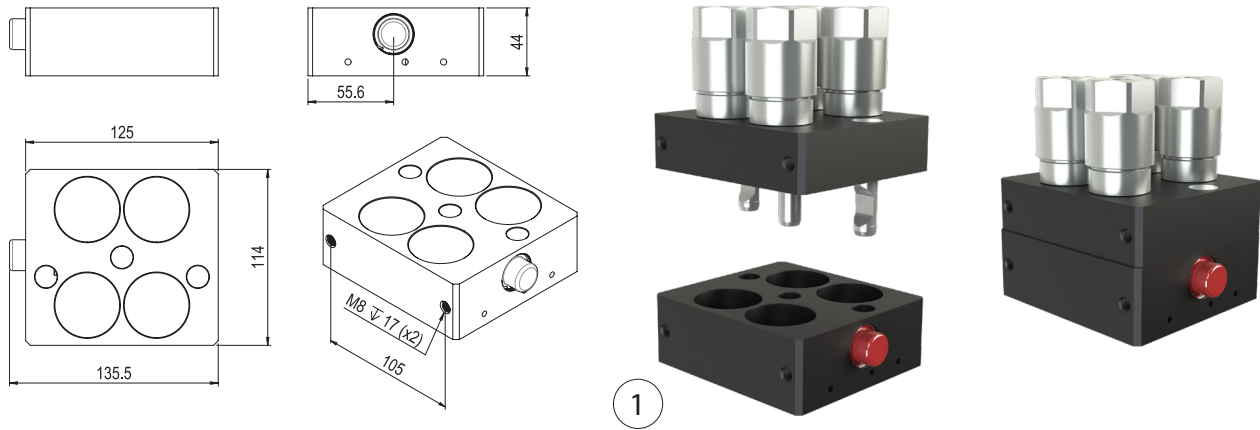


PLATE CAP

POS.	PART NUMBER	WEIGHT (g)
1	SPDP.240	900

