

Backing flange PP-Steel metric For socket systems metric and BS

Model:

- **Lochkreis PN 10**
- PP-GF (30% glass-fibre reinforced) with steel ring
- UV-resistant. Applicable for outside applications
- Connecting dimension: ISO 7005, EN 1092, BS 4504, DIN 2501
- For socket systems metric and BS
- Dimensions to metric 2501 PN10 / PN16 (da 200-400)
- For Flange Adaptors BS/ANSI + metric
- 3. #####
- 5. #####
- 4. #####ISO 2536#####DN225. #####d250/DN250
- 3. #####ISO 2536#####DN125. #####d125/DN100
- 2. #####BS##
- 1. #####
- Ductile iron (GGG40), epoxy coated (black)
- Special flange adapter ANSI for d25 - d50 and d90 required
- Connecting dimension ANSI/ASME B 16.5 / ASTM D 4024
- **Bolt circle class 150**
- Connecting dimension: ANSI/ASME B 16.5 class 150, ASTM D 4024, BS 1560, BS EN 1759
- Connecting dimensions: ISO 7005, EN 1092, DIN 2501
- Material: PP (30% glass-fibre reinforced) with steel ring
- For Flange Adaptors BS/ANSI

AL: number of holes

¹⁾ Suitable for socket -and butt fusion systems

²⁾ Not for BS

³⁾ Connecting dimension: ISO 2536. bolt circle acc. DN125. suitable for flange adaptor d125/ DN100

⁴⁾ Connecting dimension: ISO 2536. bolt circle acc. DN225. suitable for flange adaptor d250/ DN250

⁵⁾ Combined version, bolt circle metric - ANSI

* Profiled version

* Combined version, bolt circle metric - ANSI

²⁾ Connecting dimension: ISO 2536, bolt circle acc. DN225, suitable for flange adaptor d250/ DN250

¹⁾ Connecting dimension: ISO 2536, bolt circle acc. DN125, suitable for flange adaptor d125/ DN100

Connecting dimension: ISO 2536

Suitable for socket and butt fusion systems, no pictograph on flange.

¹⁾ Not for BS

³⁾ Not for BS

³⁾ Combined version, bolt circle metric - ANSI

²⁾ Combined version, bolt circle metric - ANSI

• 727701214, 727700217: only for use with original metric flange adaptors

• DN100 and DN150: only for use with original metric flange adaptors

• r = radius on inner-diameter (D2)

• PN = Maximum working pressure

• AL = number of screw holes

• 727701214, 727700817, 727700819. Only for use with original metric flange adaptors

• Pitch circle PN10 / PN16

• Made of GGG hot-dip galvanised and epoxy resin coated, black.

• Commercially available screws, nuts, washers

• Tighten the screws with torque as indicated

• suitable for flange adaptor

• Material: Casting, GFK coated

• Dimension according to ISO 2501 PN10/PN16 (da 200 - 400), bolt circle PN10/PN16

• **Made of GGG hot-dip galvanised and epoxy resin coated, black.**

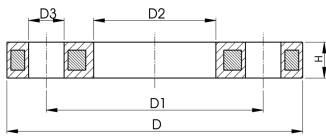
Note:

Flat side = bolt / washer side

	d (mm)	DN (mm)	PN (bar)	Code	Weight (kg)
1	20	15	16	727 700 206	0.216
1	25	20	16	727 700 207	0.279
1	32	25	16	727 700 208	0.429

Data sheet

valid from: 8/22/21



	d (mm)	DN (mm)	PN (bar)	Code	Weight (kg)
1	40	32	16	727 700 209	0.621
1	50	40	16	727 700 210	0.722
1	63	50	16	727 700 211	0.900
1	75	65	16	727 700 212	1.110
	90	80	16	727 700 213	1.369
2	110	100	16	727 700 214	1.522
2	125	125	16	727 700 815	2.475
	140	125	16	727 700 816	2.033
2/5	160	150	16	727 700 817	3.167
5	200	200	16	727 700 819	6.143
5	225	200	16	727 700 820	4.448
	250	250	16	727 700 821	7.179
4	250	225	16	727 700 031	8.340
	280	250	16	727 700 822	5.547
	315	300	16	727 700 823	6.980
	355	350	16	727 700 824	12.465
	400	400	16	727 700 825	17.607

	d (mm)	D1 (mm)	D3 (mm)	D2 (mm)	D H max. (mm)	H (mm)	AL	Remarks	SC	d (mm)	a (inch)	d (mm)
1	20	65	14	28	95	12	12	4	1)	M12		
1	25	75	14	34	105	12	12	4	1)	M12		
1	32	85	14	42	115	16	16	4	1)	M12		
1	40	100	18	51	140	16	16	4	1)	M16		
1	50	110	18	62	150	20	20	4	1)	M16		
1	63	125	18	78	165	20	20	4	1)	M16		
1	75	145	18	92	185	20	20	4	1)	M16		
	90	160	18	110	200	20	20	8		M16		
2	110	180	18	133	220	20	20	8	2)	M16		
2	125	210	18	150	250	26	26	8	3)	M16		
	140	210	18	167	250	26	26	8		M16		
2/5	160	240	22	190	285	26	26	8	2)/5)	M20		160
5	200	295	22	226	340	29	29	8	5)	M20		200
5	225	295	22	250	340	29	29	8	5)	M20		225
	250	350	22	277	395	32	32	12		M20		
4	250	325	22	277	395	32	32	8	4)	M20		
	280	350	22	310	395	32	32	12		M20		
	315	400	22	348	445	36	36	12		M20		
	355	460	23	388	515	42	42	16		M20		
	400	515	26	442	574	42	42	16		M24		

The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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