



Pipe couplings and fittings

Flexible couplings



Approvals



¹⁾ LPCB approved Shurjoint fittings ≤ DN250 are allowed

Nominal size		Model	Pipe OD mm (Inch)	Part no.			Approvals					Weight kg (lbs)
DN	Inch			Red paint similar RAL 3000	White powder similar RAL9010	Galvanized	VdS	LPCB	FM	UL	CNBOP	
25	1	1N	33.7 (1.33)	920190	-	920230	C	E	D	F	C	0.46 (1.0)
32	1-1/4	901	42.4 (1.67)	912290	919844	912300	G	G	D	D	G	0.60 (1.3)
40	1-1/2	901	48.3 (1.90)	912291	919846	912301	G	G	D	D	G	0.60 (1.3)
50	2	901	60.3 (2.37)	912292	919848	912302	G	G	D	D	G	0.70 (1.5)
65	2-1/2	1N	73.0 (2.88)	920191	-	920231	-	E	D	D	-	0.85 (1.9)
65	3 OD	901	76.1 (3.00)	912293	919850	912303	G	G	D	D	G	0.90 (2.0)
80	3	901	88.9 (3.50)	912294	919852	912304	G	G	D	D	G	1.00 (2.2)
100	4-1/4 OD	1N	108.0 (4.25)	920192	-	920233	-	E	D	F	-	1.67 (3.7)
100	4	901	114.3 (4.50)	912295	919854	912305	G	G	D	D	G	1.50 (3.3)
125	5-1/2 OD	901	139.7 (5.50)	912296	919855	912306	C	G	D	D	C	2.70 (6.0)
125	5	1N	141.3 (5.56)	920193	-	920235	-	E	D	D	-	2.28 (5.0)
150	6-1/4 OD	1N	159.0 (6.25)	920194	-	920237	-	E	D	D	-	2.63 (5.8)
150	6-1/2 OD	901	165.1 (6.50)	912297	919857	912307	C	G	D	D	C	3.20 (7.1)
150	6	901	168.3 (6.63)	912298	919859	912308	C	G	D	D	C	3.20 (7.1)
200	8	901	219.1 (8.63)	912299	919860	912309	C	G	D	D	C	6.30 (13.9)
250	10	1N	273.0 (10.75)	920195	-	920239	C	-	D	B	C	10.80 (23.8)
300	12	1N	323.9 (12.75)	920197	-	920241	-	-	D	B	-	9.50 (20.9)

OD = Outside Diameter

Working pressure: A = max. 12.1 bar (175 psi) / B = max. 15.5 bar (225 psi) / C = max. 16 bar (232 psi) / D = max. 20.7 bar (300 psi) / E = max. 25 bar (363 psi) / F = max. 34.5 bar / (500 psi) / G = max. 20 bar (290 psi) / - = no approvals

Technical data

Ambient temperature-40 °C to 110 °C (-40 °F to 230 °F)

Material / surface

Couplingductile cast iron, ASTM A536 Grade 65-45-12
 - Red paint liquid painting similar RAL 3000
 - White powderpowder coating similar RAL 9010
 - Galvanizedhot dip galvanized
 GasketEPDM
 Bolts and nutsheat-treated carbon steel,
zinc electroplated with yellow chromate

Application

Water based fire-suppression systems

Maintenance

Visual check



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Caution

For environments where aggressive, corrosive atmosphere is expected (e.g. direct outdoor exposure, direct contact with water, industrial atmosphere etc.) coupling bolts and nuts made of stainless steel (type A4 respective 316) are available. These stainless steel bolts and nuts are MoS2 coated grey-black to inhibit galling.

In addition special surface coatings (e.g. Rilsan, Resicoat etc.) are available.

Note

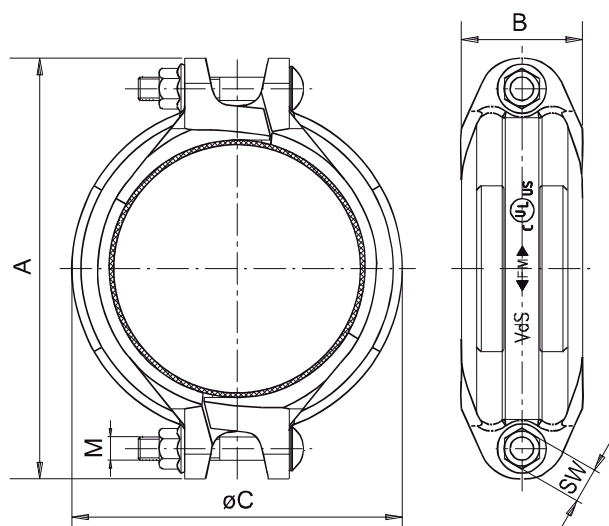
EPDM gaskets must never be brought into contact with lubricants or oils containing mineral oils, as well as other materials containing mineral oils (e.g. fuels or cleaning agents).

Lubricant for assembly

Use suitable lubricants for the EPDM sealing only.

Dimensional drawing

Dimensions in mm (inch)



DN / mm	Inch	Model	A (mm / inch)	B (mm / inch)	ϕC (mm / inch)	Bolts - Nuts	SW
25 / 33.7	1	1N	92 (3.62)	42 (1.65)	55 (2.16)	M10x57	16
32 / 42.4	1-1/4	901	103 (4.06)	46.5 (1.83)	64 (2.52)	M10x55	15
40 / 48.3	1-1/2	901	110 (4.33)	46.5 (1.83)	70 (2.76)	M10x55	15
50 / 60.3	2	901	123 (4.84)	46.5 (1.83)	85 (3.35)	M10x55	15
65 / 73	2-1/2	1N	143 (5.63)	45 (1.78)	96 (3.78)	M10x57	16
65 / 76.1	3 OD	901	140 (5.51)	47.5 (1.87)	102 (4.02)	M10x60	15
80 / 88.9	3	901	155 (6.10)	47.5 (1.87)	115 (4.53)	M10x60	15
100 / 108.0	4-1/4 OD	1N	190 (7.48)	50 (1.97)	138 (5.43)	M12x70	22
100 / 114.3	4	901	184 (7.24)	52.0 (2.05)	142 (5.59)	M10x65	15
125 / 139.7	5-1/2 OD	901	234 (9.21)	52.5 (2.07)	171 (6.73)	M16x90	24
125 / 141.3	5	1N	232 (9.13)	51 (2.01)	170 (6.69)	M16x85	24
150 / 159.0	6-1/4 OD	901	256 (10.08)	52 (2.05)	190 (7.48)	M16x85	24
150 / 165.1	6-1/2 OD	901	262 (10.31)	52.5 (2.07)	199 (7.80)	M16x90	24
150 / 168.3	6	901	265 (10.43)	52.5 (2.07)	201 (7.91)	M16x90	24
200 / 219.1	8	901	334 (13.15)	63.5 (2.50)	259 (10.20)	M20x110	30
250 / 273.0	10	1N	406 (16.00)	65 (2.56)	337 (13.27)	M22x140	34
300 / 323.9	12	1N	465 (18.31)	65 (2.56)	378 (14.96)	M22x140	34