



Pipe couplings and fittings

Crosses



Approvals



Nominal size		Pipe OD	Part no.		Approvals				Weight approx.
DN	Inch	mm (Inch)	Red paint	Galvanized	VdS	LPCB	FM	UL	kg (lbs)
50	2	60.3 (2.38)	920008	920016	C	E	F	F	1.09 (2.39)
65	2-1/2	73.0 (2.88)	920009	920017	-	-	F	F	1.71 (3.77)
	3 OD	76.1 (3.00)	920010	920018	C	E	F	F	1.96 (4.32)
80	3	88.9 (3.50)	920011	920019	C	E	F	F	2.33 (5.14)
100	4	114.3 (4.50)	920012	920020	C	E	F	F	3.69 (8.14)
125	5-1/2 OD	139.7 (5.50)	920013	920021	C	E	F	D	6.34 (14.00)
	5	141.3 (5.56)	920014	920022	-	-	F	F	6.62 (14.60)
150	6	168.3 (6.63)	920015	920023	C	E	F	F	10.40 (22.90)

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) / - = no approvals

Technical data

Type180

Materialductile cast iron

Finish:

- Red paint liquid painting similar RAL 3000

- Galvanizedhot dip galvanized

Application

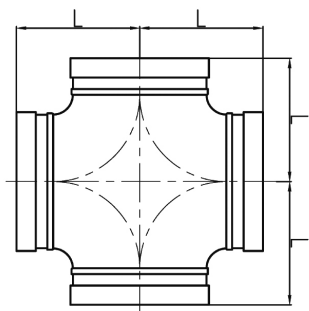
Water based fire-suppression systems

Maintenance

Visual check

Dimensional drawing

Dimensions in mm (inch)



DN	Inch	L (mm / inch)
50 / 60.3	2	70 (2.75)
65 / 73.0	2-1/2	76 (3.00)
65 / 76.1	3 OD	
80 / 88.9	3	85.5 (3.37)
100 / 114.3	4	101 (3.98)
125 / 139.7	5-1/2 OD	124 (4.88)
125 / 141.3	5	
150 / 168.3	6	140 (5.50)



Pipe couplings and fittings

Concentric Reducers

Approvals



Nominal size		Pipe OD	Part no.		Approvals				Weight approx.
DN	Inch	mm (Inch)	Red paint	Galvanized	VdS	LPCB	FM	UL	kg (lbs)
32 x 25	1-1/4 x 1	42.4 x 33.7 (1.66 x 1.32)	920024	920178	C	E	F	F	0.20 (0.44)
40 x 25	1-1/2 x 1	48.3 x 33.7 (1.90 x 1.32)	920029	920179	C	E	F	F	0.23 (0.51)
40 x 32	1-1/2 x 1-1/4	48.3 x 42.4 (1.90 x 1.66)	920030	920180	C	E	F	F	0.26 (0.57)
50 x 25	2 x 1	60.3 x 33.7 (2.38 x 1.32)	920031	920182	C	E	F	F	0.28 (0.62)
50 x 32	2 x 1-1/4	60.3 x 42.4 (2.38 x 1.66)	920032	920183	C	E	F	F	0.31 (0.68)
50 x 40	2 x 1-1/2	60.3 x 48.3 (2.38 x 1.90)	920033	920184	C	E	F	F	0.32 (0.71)
65 x 32	2-1/2 x 1-1/4	73.0 x 42.4 (2.88 x 1.66)	920034	920185	-	-	F	F	0.40 (0.88)
	3 OD x 1-1/4	76.1 x 42.4 (3.00 x 1.66)	920037	920189	C	E	F	F	0.47 (1.04)
65 x 40	2-1/2 x 1-1/2	73.0 x 48.3 (2.88 x 1.90)	920035	920186	-	-	F	F	0.40 (0.88)
	3 OD x 1-1/2	76.1 x 48.3 (3.00 x 1.90)	920038	920196	C	E	F	F	0.48 (1.06)
65 x 50	2-1/2 x 2	73.0 x 60.3 (2.88 x 2.38)	920036	920788	-	-	F	F	0.42 (0.93)
	3 OD x 2	76.1 x 60.3 (3.00 x 2.38)	920039	920198	C	E	F	F	0.49 (1.08)
80 x 32	3 x 1-1/4	88.9 x 42.4 (3.50 x 1.66)	920040	920199	-	-	F	E	0.52 (1.15)
80 x 40	3 x 1-1/2	88.9 x 48.3 (3.50 x 1.90)	920041	920200	C	-	F	F	0.54 (1.19)
80 x 50	3 x 2	88.9 x 60.3 (3.50 x 2.38)	920042	920201	C	E	F	F	0.56 (1.23)
80 x 65	3 x 2-1/2	88.9 x 73.0 (3.50 x 2.88)	920043	920202	-	-	F	F	0.59 (1.30)
	3 x 3 OD	88.9 x 76.1 (3.50 x 3.00)	920044	920203	C	E	F	F	0.72 (1.59)
100 x 50	4 x 2	114.3 x 60.3 (4.50 x 2.38)	920045	920204	C	E	F	F	0.84 (1.85)
100 x 65	4 x 2-1/2	114.3 x 73.0 (4.50 x 2.88)	920046	920206	-	-	F	F	1.08 (2.38)
	4 x 3 OD	114.3 x 76.1 (4.50 x 3.00)	920047	920207	C	E	F	D	0.94 (2.07)
100 x 80	4 x 3	114.3 x 88.9 (4.50 x 3.50)	920048	920209	C	E	F	F	0.93 (2.05)
125 x 100	5-1/2 OD x 4	139.7 x 114.3 (5.50 x 4.50)	920049	920211	C	E	F	D	1.38 (3.04)
	5 x 4	141.3 x 114.3 (5.56 x 4.50)	920050	920213	-	-	F	F	1.76 (3.88)
150 x 50	6-1/2 OD x 2	165.1 x 60.3 (6.50 x 2.38)	920059	920215	-	-	F	D	2.05 (4.52)
	6 x 2	168.3 x 60.3 (6.63 x 2.38)	920071	920227	C	E	F	F	2.13 (4.70)
150 x 65	6-1/2 OD x 3 OD	165.1 x 76.1 (6.50 x 3.00)	920062	920217	-	-	F	D	1.99 (4.39)
	6 x 3 OD	168.3 x 76.1 (6.63 x 3.00)	920073	920228	C	E	F	D	2.23 (4.92)

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) / - = no approvals



Pipe couplings and fittings

Concentric Reducers

Nominal size		Pipe OD	Part no.		Approvals				Weight approx.
DN	Inch	mm (Inch)	Red paint	Galvanized	VdS	LPCB	FM	UL	kg (lbs)
150 x 80	6-1/2 OD x 3	165.1 x 88.9 (6.50 x 3.50)	920066	920219	-	E	F	D	1.85 (4.08)
	6 x 3	168.3 x 88.9 (6.63 x 3.50)	920074	920229	C	E	F	F	2.55 (5.62)
150 x 100	6-1/2 OD x 4	165.1 x 114.3 (6.50 x 4.50)	920068	920221	-	E	F	D	2.08 (4.59)
	6 x 4	168.3 x 114.3 (6.63 x 4.50)	920076	920232	C	E	F	F	2.60 (5.73)
150 x 125	6-1/2 OD x 5-1/2 OD	165.1 x 139.7 (6.50 x 5.50)	920069	920223	-	E	F	D	2.12 (4.67)
	6 x 5-1/2 OD	168.3 x 139.7 (6.63 x 5.50)	920077	920234	C	E	F	D	2.19 (4.83)
	6 x 5	168.3 x 141.3 (6.63 x 5.56)	920079	920236	-	-	F	F	2.95 (6.50)
200 x 80	8 x 3	219.1 x 88.9 (8.63 x 3.50)	920081	920238	C	E	F	F	3.75 (8.27)
200 x 100	8 x 4	219.1 x 114.3 (8.63 x 4.50)	920083	920240	C	E	F	F	4.90 (10.80)
200 x 125	8 x 5-1/2 OD	219.1 x 139.7 (8.63 x 5.50)	920225	920244	C	E	D	D	4.97 (11.00)
200 x 150	8 x 6-1/2 OD	219.1 x 165.1 (8.63 x 6.50)	920085	920246	-	-	D	D	3.79 (8.36)
	8 x 6	219.1 x 168.3 (8.63 x 6.63)	920087	920248	C	E	F	F	3.75 (8.27)
250 x 150	10 x 6	273.0 x 168.3 (10.75 x 6.63)	920089	920249	C	-	D	D	6.45 (14.20)
250 x 200	10 x 8	273.0 x 219.1 (10.75 x 8.63)	920091	920252	C	-	D	D	8.28 (18.30)
300 x 200	12 x 8	323.9 x 219.1 (12.75 x 8.63)	920095	920254	C	-	D	D	12.20 (26.80)
300 x 250	12 x 10	323.9 x 273.0 (12.75 x 10.75)	920097	920256	C	-	D	D	13.80 (30.40)

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Technical data

Type 240

Material ductile cast iron

Finish:

- Red paint liquid painting similar RAL 3000

- Galvanized hot dip galvanized

Application

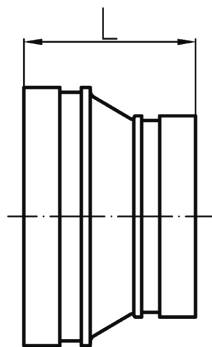
Water based fire-suppression systems

Maintenance

Visual check

Dimensional drawing

Dimensions in mm (inch)



DN	Inch	L (mm / inch)
32 x 25	1-1/4 x 1	64 (2.50)
40 x ...	1-1/4 x ...	
50 x ...	2 x ...	
65 x ...	2 1/2 x ...	
	3 OD x ...	
80 x ...	3 x ...	76 (3.00)
100 x ...	4 x ...	

DN	Inch	L (mm / inch)
125 x 100	5-1/2 OD x 4	89 (3.50)
	5 x 4	
150 x ...	6-1/2 OD x ...	102 (4.00)
	6 x ...	
200 x ...	8 x ...	127 (5.00)
250 x ...	10 x ...	152 (6.00)
300 x ...	12 x ...	178 (7.00)



Pipe couplings and fittings

Eccentric Reducers



Approvals



Nominal size		Pipe OD	Part no.		Approvals		Weight approx.
DN	Inch	mm (Inch)	Red paint	Galvanized	FM	UL	kg (lbs)
80x50	3x2	88.9x60.3 (3.50x2.38)	920102	920271	-	F	0.80 (1.76)
100x50	4x2	114.3x60.3 (4.50x2.38)	920104	920272	D	F	1.30 (2.87)
100x65	4x3 OD	114.3x76.1 (4.50x3.00)	920105	920273	D	D	1.81 (3.99)
100x80	4x3	114.3x88.9 (4.50x3.50)	920106	920274	D	F	1.51 (3.33)
125x100	5-1/2 ODx4	139.7x114.3 (5.50x4.50)	920109	920275	D	D	2.61 (5.75)
150x80	6-1/2 ODx3	165.1x88.9 (6.50x3.50)	920112	920276	D	D	3.09 (6.81)
	6x3	168.3x88.9 (6.63x3.50)	920116	920278	D	D	3.23 (7.12)
150x100	6-1/2 ODx4	165.1x114.3 (6.50x4.50)	920114	920277	D	D	2.52 (5.56)
	6x4	168.3x114.3 (6.63x4.50)	920118	920279	D	D	2.68 (5.91)
200x150	8x6	219.1x168.3 (8.63x6.63)	920120	920280	E	D	7.33 (16.20)
250x200	10x8	273.0x219.1 (10.75x8.63)	920122	920281	E	D	12.20 (26.90)

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) / - = no approvals

Technical data

Type230

Materialductile cast iron

Finish:

- Red paint liquid painting similar RAL 3000

- Galvanizedhot dip galvanized

Application

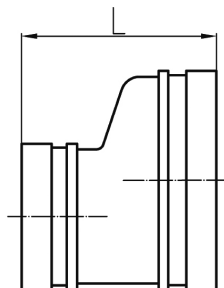
Water based fire-suppression systems

Maintenance

Visual check

Dimensional drawing

Dimensions in mm (inch)



DN	Inch	L (mm / inch)
80x50	3x2	89 (3.50)
100x...	4x...	102 (4.00)
125x100	5-1/2 ODx4	127 (5.00)
150x...	6-1/2 ODx ...	140 (5.50)
	6x...	
200x150	8x6	215 (8.50)
250x200	10x8	