



Grooved Products | Grooved Couplings | Reducing Coupling | VK-DC



SPECIFICATIONS

Sizes (Nominal)	2" x 1-1/2" to 8" x 6" DN50 x DN40 to DN200 x DN150
Approvals*	
Working pressure	20.7 bar (300 psi)
Ambient temperature	-34°C to 110°C (-29.2°F to 230°F)
Material	Coupling: Ductile cast iron, ASTM A536 Grade 65-45-12 Gasket: EPDM Bolts and nuts: Quenched and tempered steel, ASTM A449
Finish	- Painted red** - Galvanised
Application	Water based fire-suppression systems
Installation	Refer to "Installation Manual"
Maintenance	Visual check

* Refer to table below for full approval listings

** Red epoxy available on request

Part numbers & technical data | VK-DC

Nominal size		Pipe OD (mm)	Part number		Approvals		Max. working pressure* (psi / bar)	
Inch	DN		Painted red	Galvanised	UL	FM	UL	FM
2 x 1-1/2	50 x 40	60.3 x 48.3	VK-DC-060048P	VK-DC-060048G	■	■	300 / 20.7 ¹	300 / 20.7
2-1/2 x 1-1/2	65 x 40	73.0 x 48.3	VK-DC-073048P	VK-DC-073048G	■	■	300 / 20.7 ²	300 / 20.7
2-1/2 x 2	65 x 50	73.0 x 60.3	VK-DC-073060P	VK-DC-073060G	■	■	300 / 20.7 ²	300 / 20.7
3OD x 1-1/2	65 x 40	76.1 x 48.3	VK-DC-076048P	VK-DC-076048G	■	■	300 / 20.7 ¹	300 / 20.7
3OD x 2	65 x 50	76.1 x 60.3	VK-DC-076060P	VK-DC-076060G	■	■	300 / 20.7 ¹	300 / 20.7
3 x 1-1/2	80 x 40	88.9 x 48.3	VK-DC-089048P	VK-DC-089048G	■	■	300 / 20.7 ¹	300 / 20.7
3 x 2	80 x 50	88.9 x 60.3	VK-DC-089060P	VK-DC-089060G	■	■	300 / 20.7 ¹	300 / 20.7
3 x 2-1/2	80 x 65	88.9 x 73.0	VK-DC-089073P	VK-DC-089073G	■	■	300 / 20.7 ³	300 / 20.7
3 x 3OD	80 x 65	88.9 x 76.1	VK-DC-089076P	VK-DC-089076G	■	■	300 / 20.7 ¹	300 / 20.7
4 x 1-1/2	100 x 40	114.3 x 48.3	VK-DC-114048P	VK-DC-114048G	■	■	300 / 20.7 ¹	300 / 20.7
4 x 2	100 x 50	114.3 x 60.3	VK-DC-114060P	VK-DC-114060G	■	■	300 / 20.7 ¹	300 / 20.7
4 x 2-1/2	100 x 65	114.3 x 73.0	VK-DC-114073P	VK-DC-114073G	■	■	300 / 20.7 ³	300 / 20.7
4 x 3OD	100 x 65	114.3 x 76.1	VK-DC-114076P	VK-DC-114076G	■	■	300 / 20.7 ¹	300 / 20.7
4 x 3	100 x 80	114.3 x 88.9	VK-DC-114089P	VK-DC-114089G	■	■	300 / 20.7 ¹	300 / 20.7
6 x 3	150 x 80	168.3 x 88.9	VK-DC-168089P	VK-DC-168089G	■	■	300 / 20.7 ¹	300 / 20.7
6 x 4	150 x 100	168.3 x 114.3	VK-DC-168114P	VK-DC-168114G	■	■	300 / 20.7 ¹	300 / 20.7
8 x 6	200 x 150	219.1 x 168.3	VK-DC-219168P	VK-DC-219168G	■	■	300 / 20.7 ⁴	300 / 20.7

* Maximum working pressure for Schedule 40 pipe unless otherwise stated

¹ T3091² T17395 x T3091 with wall thickness min. 4 mm³ T3091 x T17395 with wall thickness min. 4 mm⁴ T3091 with wall thickness min. 6 mm

Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.

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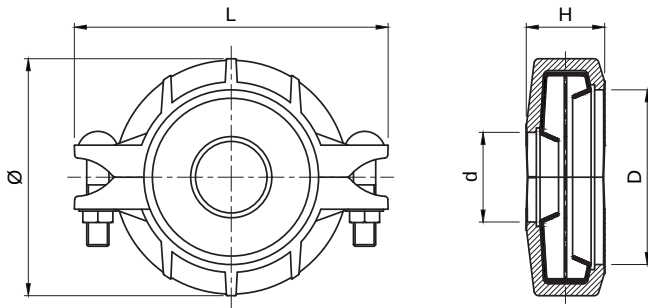
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Dimensional drawing



Dimensions | VK-DC

Inch (D x d)	DN (D x d)	Pipe OD (mm)	Ø (mm)	L (mm)	H (mm)	Bolts-Nuts	Weight (kg)
2 x 1-1/2	50 x 40	60.3 x 48.3	88.0	129	47	M10 x 55	0.9
2-1/2 x 1-1/2	65 x 40	73.0 x 48.3	97.5	139	49	M10 x 55	1.2
2-1/2 x 2	65 x 50	73.0 x 60.3	97.5	139	49	M10 x 55	1.1
3OD x 1-1/2	65 x 40	76.1 x 48.3	101.5	139	49	M10 x 55	1.2
3OD x 2	65 x 50	76.1 x 60.3	101.5	139	49	M10 x 55	1.2
3 x 1-1/2	80 x 40	88.9 x 48.3	117.0	167	49	M12 x 65	1.7
3 x 2	80 x 50	88.9 x 60.3	117.0	167	49	M12 x 65	1.7
3 x 2-1/2	80 x 65	88.9 x 73.0	117.0	167	49	M12 x 65	1.5
3 x 3OD	80 x 65	88.9 x 76.1	117.0	167	49	M12 x 65	1.5
4 x 1-1/2	100 x 40	114.3 x 48.3	148.0	196	49	M12 x 65	2.1
4 x 2	100 x 50	114.3 x 60.3	148.0	196	49	M12 x 65	2.2
4 x 2-1/2	100 x 65	114.3 x 73.0	148.0	196	49	M12 x 65	2.1
4 x 3OD	100 x 65	114.3 x 76.1	148.0	196	49	M12 x 65	2.1
4 x 3	100 x 80	114.3 x 88.9	148.0	196	49	M12 x 65	1.9
6 x 3	150 x 80	168.3 x 88.9	200.0	252	52	M12 x 75	3.4
6 x 4	150 x 100	168.3 x 114.3	200.0	252	52	M12 x 75	3.7
8 x 6	200 x 150	219.1 x 168.3	257.0	336	61	M16 x 100	6.9

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