Grooved Products | Grooved Couplings | Flexible Coupling - Heavy Duty | VK-FCH



SPECIFICATIONS	
Sizes (Nominal)	2" to 12" DN50 to DN300
Approvals*	UL FM APPROVED
Working pressure	27.6 bar (400 psi) to 34.5 bar (500 psi) (depending on size and approval)
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-FCH

Nominal size		Pipe OD (mm)	Part number		Approvals		Max. working pressure* (psi / bar)	
Inch	DN		Painted red	Galvanised	UL	FM	UL	FM
2	50	60.3	VK-FCH-060P	VK-FCH-060G	▪	▪	500 / 34.5	500 / 34.5
3	80	88.9	VK-FCH-089P	VK-FCH-089G	▪	▪	500 / 34.5	500 / 34.5
4	100	114.3	VK-FCH-114P	VK-FCH-114G	▪	▪	500 / 34.5	500 / 34.5
6	150	168.3	VK-FCH-168P	VK-FCH-168G	▪	▪	500 / 34.5	500 / 34.5
8	200	219.1	VK-FCH-219P	VK-FCH-219G	▪	▪	400 / 27.6	400 / 27.6
10	250	273.0	VK-FCH-273P	VK-FCH-273G	▪	▪	400 / 27.6	400 / 27.6
12	300	323.9	VK-FCH-324P	VK-FCH-324G	▪	▪	400 / 27.6	400 / 27.6

* Maximum working pressure for Schedule 40 pipe unless otherwise stated

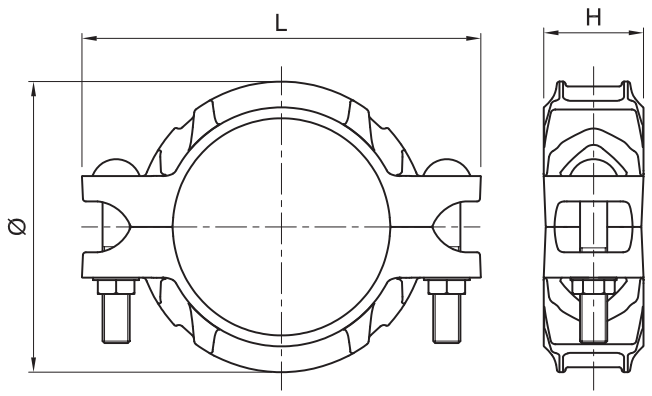
Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.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

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Dimensional drawing



Dimensions | VK-FCH

Inch	DN	Pipe OD (mm)	Ø (mm)	L (mm)	H (mm)	Bolts-Nuts		Weight (kg)
						Inch	metric	
2	50	60.3	88	136	46	1/2 x 60	M12 x 60	0.7
3	80	88.9	118	161	46	1/2 x 75	M12 x 75	1.0
4	100	114.3	148	204	51	5/8 x 85	M16 x 85	1.7
6	150	168.3	206	270	54	3/4 x 120	M20 x 120	3.0
8	200	219.1	270	355	64	7/8 x 127	M22 x 127	7.0
10	250	273.0	325	418	67	1 x 165	M24 x 165	9.9
12	300	323.9	377	464	68	1 x 165	M24 x 165	11.3

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