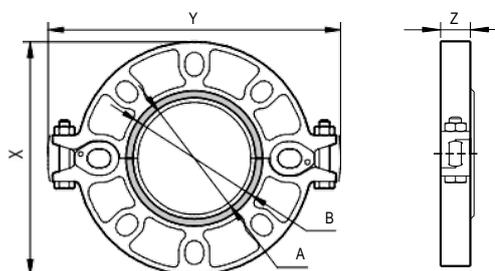




SPLIT FLANGE 321

SPECIFICATIONS	
Sizes (Nominal)	DN50 through DN200 (60.3 mm through 219.1 mm)
Approvals	FM, UL, PAVUS
Working pressure	27.58 bar (400 psi) to 34.48 bar (500 psi) (depending on size and approval)
Ambient temperature	e-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	Heat-treated, electro-galvanized oval neck bolts with heavy-duty hex nuts. Comply with ASTM A449 (mechanical & chemical) and ASTM A183 (mechanical).
Finish	Painted red Galvanised
Application	Water based fire-suppression systems
Installation	Refer to "Installation Manual"
Maintenance	Visual check



PART NUMBERS & DIMENSIONS

Size		Max. Work Pressure	Max. End Loan	Gasket Seat		Dimensions			Bolt/Nut Size	Approx. Wgt. Each	Part number	
Nominal Dia.	Actual O.D.			A	B	X	Y	Z			Painted red	Galvanised
DN	MM	PSI	Lbs.	mm	mm	mm	mm	mm	mm	kg		
50	60,3	500	2215	64	78	165	218	20	M10X70	1,76	M-321-060P	M-321-060G
65	76,1	500	3534	80	94	185	238	22	M10X70	2,41	M-321-076P	M-321-076G
80	88,9	500	4811	93	107	200	250	22	M10X70	2,55	M-321-089P	M-321-089G
100	114,3	500	7952	119	133	229	280	24	M10X70	3,24	M-321-114P	M-321-114G
125	139,7	500	11879	145	159	250	313	22	M12X70	3,49	M-321-139P	M-321-139G
150	168,3	500	17236	174	188	285	345	26	M12X70	4,73	M-321-168P	M-321-168G
200	219,1	400	23371	225	242	343	404	30	M12X70	6,95	M-321-219P	M-321-219G

Disclaimer:

This document provides only basic product information. All data, images, and drawings are for reference purposes and are not legally binding. The full technical documentation from the manufacturer shall serve as the authoritative source in all cases. Certificates, test reports, and approvals may be issued under the OEM's name. The content of this publication is subject to change without prior notice. All rights reserved.



INSTALLATION GUIDANCE

HINGED FLANGE ADAPTORS – STEP-BY-STEP INSTALLATION



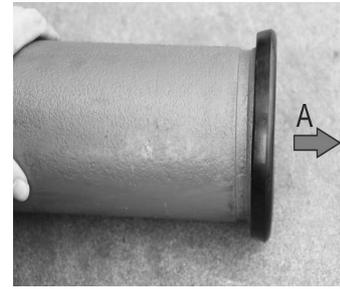
1. Pipe Preparation

Check pipe end for proper groove dimensions and to assure that pipe end is free of indentations and projections that would prevent proper sealing.



2. Lubricate Gasket

Check gasket to be sure it's compatible for the intended service. Apply thin lubricant to the outside and sealing lips of the gasket.



3. Gasket Installation

Slip the gasket over the pipe end, with the gasket opening side towards "A". Make sure the gasket sealing lip is flush with the pipe end.



4. Install the housing

Remove bolts and nuts, place two housings over the gasket, making sure the housing keys fit into the pipe grooves. Reinsert the bolts and hand tighten the nuts.



5. Tighten nuts

Securely tighten nuts alternatively and equally to the specified bolts torque by using spanner.



6. Connect mating flange

Align flange bolt holes with mating flange (or valve) bolt holes. Insert a standard flange bolt through bolt hole and hand tighten a nut. Insert another bolt opposite the first and hand tighten a nut. Continue this until all bolt holes are fitted. Tighten nuts evenly to specified bolt torque, so flange faces remain parallel. Assemble completed.