



DISMANTLING JOINTS

NMC Dismantling Joint is a double flanged fitting that allows longitudinal adjustments in flanged pipe systems. It has been developed to provide greater flexibility at both the planning and installation stages of flanged pipework systems and for subsequent maintenance.

TYPICAL APPLICATIONS:

NMC Dismantling Joint is particularly suitable for simplifying the installation and removal of:

- Isolation valves
- Non return valves
- Flow metering equipment
- Pump sets
- Pressure reducing valves Flanged pipe and fittings

Typical Dismantling Joint applications include,: Pumping stations, water treatment works, sewage treatment works, plant rooms, meter chambers, power generation equipment and gas distribution stations.

FEATURES & BENEFITS

- Permits Longitudinal adjustment up to 50mm.
- Fast & simple maintenance of valves pumps etc.
- Future modification of pipework can be done easily
- Reduced down time.
- High tensile tie-bars – fewer flange bolts required.

Range : DN40-DN2000

INSTALLATION

Assembly is fast & possible with the aid of spanner & torque – wrench. Gasket of DMJ is compressed independently of tie-bars.

QUALITY

All DMJ are manufactured under quality management system to ISO 9001:2000.

CORROSION AND PROTECTION

Standard protection by epoxy Painting. Should you require Fusion bonded Epoxy/Rilsan powder coating, it is available at extra cost. Offer on request. Tie rods are supplied with Zn-plating or epoxy painted at our option.

WORKING PRESSURE

All NMC Dismantling Joints are fully end load resistant and have a pressure rating equal to that of the flange.

FULL FACE FLANGE

For applications where a full face flange is required i.e. water and butterfly valves, the flange of the spigot piece provides a full flange sealing area.

PRODUCT QUALITY

Dismantling Joints are designed and manufactured under a quality management system and have been tested by NMC comprehensive in house research facilities to the most exacting performance requirements of WRc Water Bye-laws scheme (WBS). As with all NMC products, Dismantling Joint are designed to outlast the pipes on which they are fitted.

GASKETS

Dismantling Joints are fitted with grade E (EPDM) water quality gaskets as standard. For other applications or alternatives, please ask for details.

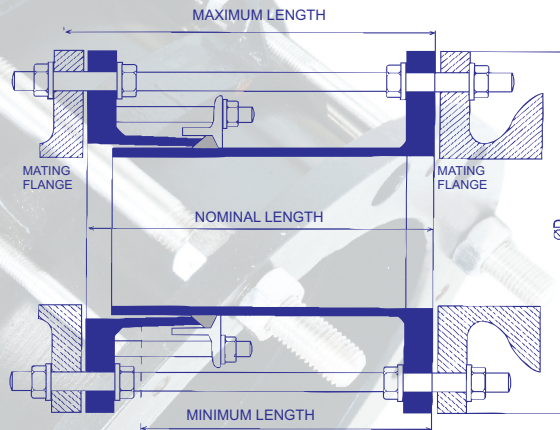
MATERIAL SPECIFICATION

DMJ Flanged Fittings & Compression Flange :

	B.S. Specification	B.I.S. Specification
	SG Ductile Iron	IS 1865:2000
	or Malleable Cast Iron	IS 14329:2000
	or Fabricated from steel	IS 2062:2004
	or Grey Cast Iron	IS 210:1999
Gaskets:	EPDM Compound Grade 'E' to BS EN 681-1:1996 suitable for water, sewage, many strong oxidizing chemicals & food applications	
	or Nitrile compound Grade 'G' to BS:2494:1990 Grade G suitable for natural gas, petroleum products. Low aromatic fuels, compressed air, sewage & drainage.	
Stud:	Steel fastener to Grade 6.8 (SS available on request)	



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Nominal bore	Flange drilling	Nominal length	Minimum length	Maximum length	ØD	Number of tie bars	Dia x length of tie bars	Weight appx. (kg.)
DN 40	PN 10/16	194 mm	174 mm	214 mm	150mm	4	M16x300mm	9.7
DN 50	PN 10/16	185 mm	165mm	205 mm	185mm	4	M16x300mm	8.3
DN 65	PN 10/16	185 mm	165 mm	205 mm	185 mm	4	M16x300mm	9.3
DN 80	PN 10/16	185mm	165 mm	205 mm	210 mm	4	M16x300mm	10.8
DN 100	PN 10/16	185 mm	165 mm	205 mm	230 mm	4	M16x300mm	12.1
DN 125	PN 10-16	185mm	165 mm	205 mm	285 mm	4	M16x300mm	14.5
DN 150	PN 10/16	188 mm	168 mm	208 mm	285 mm	4	M20x310mm	21.0
DN 175	PN 10/16	194mm	174 mm	214 mm	315 mm	4	M20x340mm	29.2
DN 200	PN 10	188 mm	168 mm	208 mm	340 mm	4	M20x310mm	26.9
DN 200	PN16	188mm	168mm	208 mm	340 mm	4	M20x310mm	27.4
DN 250	PN 10	188 mm	168 mm	208 mm	406 mm	4	M20x310mm	33.8
DN 250	PN 16	191 mm	171 mm	211 mm	405 mm	4	M24x330mm	39.9
DN 300	PN 10	188 mm	168 mm	208 mm	445 mm	4	M20x310mm	39.1
DN 300	PN 16	191 mm	171mm	211 mm	460 mm	4	M24x330mm	46.8
DN 350	PN 10	302 mm	277 mm	327 mm	505 mm	4	M20x440mm	67.7
DN 350	PN 16	302 mm	277 mm	327 mm	520..mm	4	M24x460mm	73.7
DN 400	PN 10	302 mm	277 mm	327 mm	565 mm	4	M24x460mm	80.3
DN 400	PN16	302 mm	277 mm	327 mm	580 mm	4	M27x490mm	87.5
DN 450	PN 10	302 mm	277 mm	327 mm	615 mm	5	M24x460mm	89.5
DN 450	PN 16	302 mm	277 mm	327 mm	640 mm	5	M27x490mm	102.0
DN 500	PN 10	302 mm	277 mm	327 mm	670 mm	5	M24x460mm	100.0
DN 500	PN 16	302 mm	277 mm	327 mm	715mm	5	M30x500mm	123.0
DN 600	PN 10	302 mm	277 mm	327 mm	780 mm	5	M27x490mm	124.0
DN 600	PN 16	302 mm	277 mm	327 mm	840mm	5	M33x515mm	159.0
DN 700	PN 10	302 mm	277 mm	327 mm	895 mm	6	M27x490mm	151.0
DN 700	PN 16	302 mm	277 mm	327 mm	910 mm	6	M33x540mm	167.0
DN 800	PN 10	302 mm	277 mm	327 mm	1015 mm	6	M30x500mm	184.0
DN 800	PN 16	302 mm	277 mm	327 mm	1025 mm	6	M36x545mm	199.0
DN 900	PN 10	302 mm	277 mm	327 mm	1115 mm	7	M30x530mm	205.0
DN 900	PN 16	302mm	277 mm	327 mm	1125 mm	7	M36x570mm	223.0
DN 1000	PN10	307 mm	277 mm	337 mm	1230 mm	7	M33x540mm	271.0
DN 1000	PN 16	307 mm	277 mm	337 mm	1255 mm	7	M39x600mm	300.0
DN 1200	PN 10	320 mm	290 mm	350 mm	1455 mm	8	M36x570mm	448.0
DN 1200	PN 16	320 mm	290 mm	350 mm	1485 mm	8	M45x630mm	508.0
DN 1400	PN 10	320 mm	290 mm	350 mm	1675 mm	9	M39x600mm	547.0
DN 1400	PN 16	320 mm	290 mm	350 mm	1685 mm	9	M45x665mm	602.0
DN 1600	PN 10	462 mm	412 mm	512 mm	1915 mm	10	M45x795mm	1103.0
DN 1600	PN 16	462 mm	412 mm	512 mm	1930 mm	10	M52x870mm	1188.0
DN 1800	PN 10	462 mm	412 mm	512mm	2115 mm	11	M45x795mm	1176.0
DN 1800	PN 16	462 mm	412mm	512mm	2130 mm	11	M52x900mm	1363.0
DN 2000	PN 10	462 mm	412 mm	512 mm	2325 mm	12	M45x820mm	1351.0
DN 2000	PN 16	462 mm	412 mm	512 mm	2345 mm	12	M56x960mm	1594.0

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