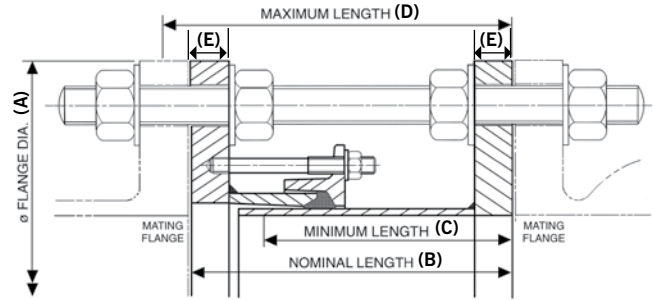


Dismantling Joint DN350 to DN1600 (PN40)

Specifications

Note: Maximum Longitudinal Adjustment
= Maximum Length – Minimum Length



Dismantling Joint

Flange Details		Flange To Flange Details					Tie Rod Details					
Nom	Drilling	Flange Thickness	Flange OD	Nominal Length	Minimum Length	Maximum Length	Steel Tie Rod			Stainless Steel Tie Rod		
		E (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Dia x Length (mm)	No.	Total Weight of DJ (kg)	Dia x Length (mm)	No.	Total Weight of DJ (kg)
350	PN40	25	580	307	277	337	M33 x 520	4	111.0	M33 x 520	4	111.0
400	PN40	25	660	307	277	337	M36 x 540	4	138.0	M36 x 540	4	138.0
450	PN40	25	685	307	277	337	M36 x 550	5	148.0	M36 x 550	5	148.0
500	PN40	25	755	307	277	337	M39 x 570	5	178.0	M39 x 570	6	186.0
550	PN40	38	835	320	290	350	M45 x 600	5	289.0	M45 x 600	5	289.0
600	PN40	38	890	320	290	350	M45 x 620	5	313.0	M45 x 620	6	325.0
650	PN40	38	945	320	290	350	M45 x 630	6	350.0	M45 x 630	8	374.0
700	PN40	38	995	320	290	350	M45 x 640	6	375.0	M45 x 640	8	399.0
800	PN40	38	1140	320	290	350	M52 x 680	6	479.0	M52 x 760	8	544.0
900	PN40	38	1250	320	290	350	M52 x 700	7	570.0	M52 x 780	10	661.0
1000	PN40	38	1360	320	290	350	M52 x 720	8	661.0	M52 x 810	14	826.0
1200	PN40	38	1575	320	290	350	M56 x 780	10	863.0	M56 x 870	16	1,073.0
1400	PN40	60	1795	462	412	512	M56 x 980	14	1,640.0	M56 x 1070	22	1,937.0
1600	PN40	60	2025	462	412	512	M64 x 1040	14	1,988.0	M64 x 1140	20	2,318.0

Note: Stainless steel tie rods can not accommodate this working pressure so not available.

Materials & Relevant Standards

Flange Drilling

BS EN1092-1 (formerly BS4504), ISO7005

Fabricated Flange Adaptor

Body - Rolled Steel to BS EN 10025-2: Grade S275

End Rings/Sleeve - Rolled Steel to BS EN 10025-2: Grade S275

or Rolled Steel to BS EN 10025-2: Grade S355 (depending on section)

Flanged Spigot

Flange - Rolled Steel to BS EN 10025-2: Grade S275

Spigot - Steel Tube to BS10216-1: Grade P265TR1

or Rolled Steel to BS EN 10025-2: Grade S275

Gaskets

BS EN681-1: Type WA WRAS listed

Steel Tie Rods & Nuts

Tie Rods - BS EN10269: Name 42CrMo4 (Yield 725N/mm²) (formerly MB7)

Nuts - BS EN20898-2: Property Class 8.0

Stainless Steel Tie Rods & Nuts

Tie Rods - Stainless Steel to BS EN3506-1: Grade A2/A4 Property Class 70 (Yield 450N/mm²)

Nuts (sizes up to & including M48) 4 per Tie Rod - Stainless Steel to BS EN3506-2: Grade A2/A4 Property Class 80

Nuts (sizes over M48) 6 per Tie Rod - Stainless Steel to BS EN3506-2: Grade A2/A4 Property Class 50

Studs/Nuts/Washers

Studs - Steel to BS EN ISO898-1: Property Class 4.8

Nuts - Steel to BS4190: Grade 4

Washers - Stainless Steel to BS1449:Part 2: Grade 304S15

Coatings (Others available on request)

Fabricated Flange Adaptor - Rilsan Nylon 11

Flanged Spigot - Rilsan Nylon 11

End Ring - Rilsan Nylon 11

Studs/Nuts - Sherplex to WIS 4-52-03

Steel Tie Rods/Nuts - Zn3 Zinc coated

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Crane Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.