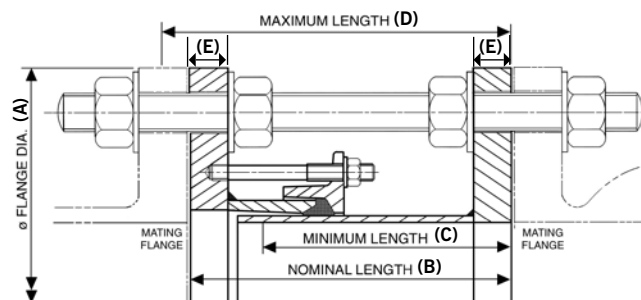


Dismantling Joint DN350 to DN1800 (PN25)

Specifications



Dismantling Joint

Flange Details				Flange To Flange Details				Tie Rod Details					
Nom	Drilling	Flange Thickness	Flange OD	Nominal Length	Minimum Length	Maximum Length	Tie Rod Dia x Length (mm)	H.T Zinc Plated Steel H.T Steel BS4882 Grade MB7 Yield 725N/mm ²					
		E (mm)	A (mm)	B (mm)	C (mm)	D (mm)		Stainless Steel					
								Class 70 Yield 450N/mm ²		Class 50 Yield 210N/mm ²			
								No.	Total Weight of DJ (kg)	No.	Total Weight of DJ (kg)	No.	Total Weight of DJ (kg)
350	PN25	25	555	302	277	327	M30 x 480	4	91.1	4	91.1		
400	PN25	25	620	302	277	327	M33 x 490	4	109.0	4	109.0		
450	PN25	25	670	302	277	327	M33 x 500	5	122.0	5	122.0		
500	PN25	25	730	302	277	327	M33 x 510	5	137.0	5	137.0		
550	PN25	25	785	302	277	327	M36 x 530	5	155.0	5	155.0		
600	PN25	25	845	302	277	327	M36 x 540	5	170.0	6	202.0		
650	PN25	25	895	307	277	337	M36 x 550	6	199.0	8	211.0		
700	PN25	25	960	302	277	327	M39 x 570	6	212.0	8	227.0		
800	PN25	25	1085	307	277	337	M45 x 630	6	279.0	8	302.0		
900	PN25	25	1185	307	277	337	M45 x 630	7	317.0	10	394.0		
1000	PN25	38	1320	320	290	350	M52 x 660	7	520.0			18	880.0
1200	PN25	38	1530	320	290	350	M52 x 690	8	637.0			12	1,061.0
1400	PN25	60	1755	462	412	512	M56 x 890	9	1,181.0			14	1,845.0
1600	PN25	60	1975	462	412	512	M56 x 920	10	1,514.0			16	2,272.0
1800	PN25	60	2185	462	412	512	M64 x 970	11	1,855.0			16	2,819.0

Materials & Relevant Standards

Flange Drilling

BS EN 1092-1 (formerly BS 4504), ISO 7005

Fabricated Flange Adaptor

Body - Rolled Steel to BS EN 10025-2:2004 Grade S275

End Rings/Sleeve - Rolled Steel to BS EN 10025-2:2004 Grade S275
or Rolled Steel to BS EN 10025-2:2004 Grade S355 Depending on section

Flanged Spigot

Flange - Steel to BS EN10025:1993 Grade S275

Spigot - Steel to BS10216-1:2002 or Rolled Steel to BS EN 10025-2:2004 Grade S275

Gaskets

BS EN 681-1 1996 Type WA WRAS Listed

Tie Rods:

H.T. Steel BS EN10269:1999+A1:2006 Name 42CrMo4 Yield 725N/mm²
(formerly MB7/B7)

u.t.i. M48-2" Stainless Steel to BS EN3506-1:2009 Grade A2/A4 Property
Class 70 (450N/mm²)

M52 and 2 1/4" and above Stainless Steel to BS EN3506-1:2009 Grade A2/
A4 Property Class 50 (210N/mm²)

Studs/Nuts/Washers

Studs - Steel to BS EN ISO 898-1:2009 Property Class 4.8

Nuts - Steel to BS 4190:2001 Grade 4

Washers - BS 1449:Part 2:1983 Grade 304S15

Coatings (Others available on request)

Adaptor - Rilsan Nylon 11

Spigot - Rilsan Nylon 11

End Ring - Rilsan Nylon 11

FA Studs & Nuts - Sheraplex to WIS 4-52-03

Tie Rods - 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.