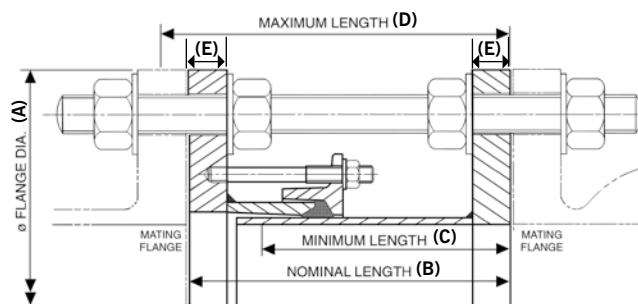


Dismantling Joint DN350 to DN2400 (PN16)

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					
								No.	Total Weight of DJ (kg)	No.	Total Weight of DJ (kg)	No.	Total Weight of DJ (kg)
350	PN16	18	520	295	270	320	M24 x 450	4	63.4	4	63.4		
400	PN16	18	580	295	270	320	M27 x 460	4	75.2	4	75.2		
450	PN16	23	640	300	275	325	M27 x 470	5	99.0	5	99.0		
500	PN16	23	715	300	275	325	M30 x 480	5	121.0	5	121.0		
550	PN16	23	775	300	275	325	M30 x 490	5	134.0	5	134.0		
600	PN16	23	840	300	275	325	M33 x 500	5	154.0	5	154.0		
650	PN16	23	860	300	275	325	M33 x 510	6	153.0	6	153.0		
700	PN16	23	910	300	275	325	M33 x 520	6	162.0	6	162.0		
750	PN16	23	970	300	275	325	M33 x 530	6	177.0	8	187.0		
800	PN16	23	1025	300	275	325	M36 x 540	6	184.0	8	196.0		
900	PN16	25	1125	307	277	337	M36 x 570	7	232.0	10	277.0		
1000	PN16	25	1255	307	277	337	M39 x 590	7	282.0	10	339.0		
1100	PN16	38	1355	320	290	350	M39 x 610	8	406.0	12	471.0		
1200	PN16	38	1485	320	290	350	M45 x 640	8	505.0	10	601.0		
1300	PN16	38	1585	320	290	350	M45 x 650	8	533.0	12	631.0		
1400	PN16	38	1685	320	290	350	M45 x 660	9	583.0	14	694.0		
1500	PN16	38	1820	320	290	350	M52 x 690	9	760.0			12	1,238.0
1600	PN16	38	1930	320	290	350	M52 x 710	10	850.0			12	1,391.0
1800	PN16	38	2130	320	290	350	M52 x 730	11	962.0			16	1,568.0
2000	PN16	60	2345	462	412	512	M56 x 930	12	1,662.0			18	2,577.0
2200	PN16	60	2555	462	412	512	M56 x 950	13	1,871.0			20	2,878.0
2400	PN16	60	2765	462	412	512	M56 x 980	28	2,461.0			24	3,201.0

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.