

# Large Diameter Flange Adaptors OD816 - 1668mm to BS EN 1092-1 PN16 Drilling

## Specifications

Pipe OD (mm)	Pipe Material	Flange Drilling BS EN 1092-1		Tolerance on Pipe OD for Distance L		Gasket Mould No.	No. Notches In End Ring If Required	Flange Adaptor Section Type		Flange Adaptor Studs No. x Dia	Weight (kg)		Dimensions						Flange Adaptor Studs Length	
		Nominal	Drilling	(mm) +	(mm) -			Standard Sleeve	Long Sleeve		Standard Sleeve	Long Sleeve	Diameter A (mm)	Flange OD A1 (mm)	Flange Thickness T (mm)	Flange Bolts No. x Dia	Overall C Standard Sleeve (mm)	Overall C Long Sleeve (mm)	Standard Sleeve	Long Sleeve
816	Coated Steel	800	PN16	1.6	1.6	J65LS	6	L02	L03	12 x M12	68.9	76.4	906	1025	23	24 x M36	153	193	140	180
842	Ductile Iron	800	PN16	1.0	4.5	J65LS	12	L02	L03	12 x M12	63.4	71.1	931	1025	23	24 x M36	153	193	140	180
914	Steel	900	PN16	1.6	1.6	J67LS	7	L02	L03	14 x M12	81.3	89.7	1005	1125	25	28 x M36	155	195	140	180
916	Coated Steel	900	PN16	1.6	1.6	J67LS	7	L02	L03	14 x M12	80.8	89.2	1007	1125	25	28 x M36	155	195	140	180
945	Ductile Iron	900	PN16	1.0	5.0	J70LS	14	YF2	YF3	14 x M16	90.8	99.1	1054	1125	25	28 x M36	169	199	160	190
1016	Steel	1000	PN16	1.6	1.6	J71LS	7	YF2	YF3	14 x M16	119.8	128.6	1125	1255	25	28 x M39	169	199	160	190
1019	Coated Steel	1000	PN16	1.6	1.6	J71LS	7	YF2	YF3	14 x M16	118.9	127.7	1129	1255	25	28 x M39	169	199	160	190
1048	Ductile Iron	1000	PN16	1.0	5.0	J71LS	14	YF2	YF3	14 x M16	110.4	119.4	1156	1255	25	28 x M39	169	199	160	190
1118	Steel	1100	PN16	1.6	1.6	J73LS	8	YF2	YF3	16 x M16	129.8	139.5	1227	1355	25	32 x M39	169	199	160	190
1121	Coated Steel	1100	PN16	1.6	1.6	J73LS	8	YF2	YF3	16 x M16	128.7	138.5	1231	1355	25	32 x M39	169	199	160	190
1152	Ductile Iron	1100	PN16	1.0	6.0	J121M	16	A2E	A2H	16 x M16	168.0	180.9	1275	1355	38	32 x M39	182	212	160	190
1219	Steel	1200	PN16	1.6	1.6	J121M	8	A2E	A2H	16 x M16	217.4	230.9	1343	1485	38	32 x M45	182	212	160	190
1222	Coated Steel	1200	PN16	1.6	1.6	J121M	8	A2E	A2H	16 x M16	215.8	229.4	1347	1485	38	32 x M45	182	212	160	190
1255	Ductile Iron	1200	PN16	1.0	6.0	J122M	16	A2E	A2H	16 x M16	197.6	211.5	1378	1485	38	32 x M45	182	212	160	190
1422	Steel	1400	PN16	1.6	3.0	J125M	9	A2E	A2H	18 x M16	248.7	264.4	1546	1685	38	36 x M45	182	212	160	190
1426	Coated Steel	1400	PN16	1.6	3.0	J125M	9	A2E	A2H	18 x M16	246.1	261.9	1550	1685	38	36 x M45	182	212	160	190
1462	Ductile Iron	1400	PN16	1.0	7.0	J125M	18	A2E	A2H	18 x M16	223.3	239.4	1585	1685	38	36 x M45	182	212	160	190
1620	Steel	1600	PN16	3.0	3.0	J127M	Not Rqd.	A2E	A2H	20 x M16	315.9	333.7	1745	1930	38	40 x M52	182	212	160	190
1626	Coated Steel	1600	PN16	3.0	3.0	J127M	Not Rqd.	A2E	A2H	20 x M16	311.3	329.2	1751	1930	38	40 x M52	182	212	160	190
1668	Ductile Iron	1600	PN16	1.0	7.0	J128M	20	A2E	A2H	20 x M16	281.3	299.7	1791	1930	38	40 x M52	182	212	160	190

## Materials & Relevant Standards

### Flange/End Ring

Steel to BS EN10025-2: Grade S275JR

### 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

Body, Flange & End Ring - Rilsan Nylon 11 to WIS 4-52-01 Part 1

Nuts and Studs - Sheraplex coated to WIS 4-52-03

### Gaskets: L02/L03/YF2/YF3

Rubber 80 IRHD Moulded Compound to BS

EN681-1: Type WA,WC,WG or BS EN682: Type G

(other materials available on request)

### Gaskets: A2E/A2H/XSXXG

Rubber 70 IRHD Moulded Compound to BS

EN681-1: Type WA, WC, WG or BS EN682: Type G

(other materials available on request)