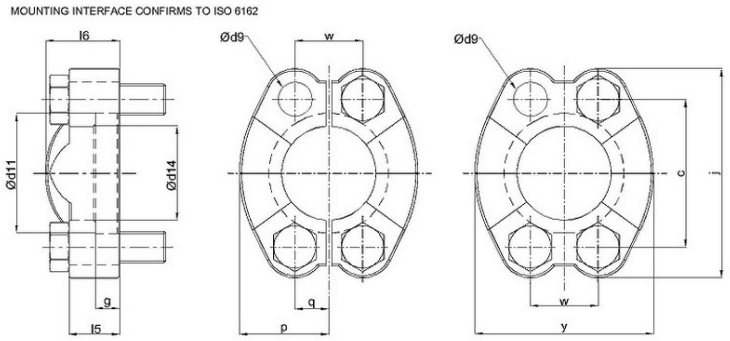
SAE SPLIT FLANGE [61SF] / MONO FLANGE [61MF] | Split Flanges: SF

Standard Pressure Series (SAE CODE 61)Mono Flange: MF

Standard Pressure Series (SAE CODE 61)



Split Flange	Mono Flange	Ã˜d11	Ã˜d14	g	l_5	l_6	c	p	q	j	w	y	PN Bar	Ã˜d9 metric	Metric Bolt	Torque (N-m)	Ã˜d9 UNC	UNC Bolt (Inch)	Torque (N-m)
61SF 1/2	61MF 1/2	31.0	24.3	6.2	13	19	38.1	21.8	8	54	17.5	46	350	9	M8 X 25	25	8.7	5/16"-18 X 32	25
61SF 3/4	61MF 3/4	38.9	32.2	6.2	14	22	47.6	24.9	10	65	22.3	52	350	11	M10 X 30	53	10.3	3/8"-16 X 32	45
61SF 1	61MF 1	45.3	38.5	7.5	16	22	52.4	28.2	12	70	26.2	59	350	11	M10 X 30	53	10.3	3/8"-16 X 32	45

61SF 1.1/4	61MF 1.1/4	51.6	43.7	7.5	14	24	58.7	35.3	14	79	30.2	73	250	11	M10 X 30	53	11.9	7/16" - 14 X 38	73
61SF 1.1/2	61MF 1.1/2	61.1	50.8	7.5	16	25	69.9	40.1	17	94	35.7	83	200	13.5	M12 X 35	95	13.5	1/2" -13 X 38	110
61SF 2	61MF 2	72.3	62.8	9.0	16	26	77.8	47.2	21	102	42.9	97	200	13.5	M12 X 35	95	13.5	1/2" -13 X 38	110
61SF 2.1/2	61MF 2.1/2	84.9	74.9	9.0	19	38	88.9	53.1	24	115	50.8	109	160	13.5	M12 X 40	95	13.5	1/2" -13 X 44	110
61SF 3	61MF 3	102.4	90.9	9.0	22	41	106.4	64.3	30	135	61.9	131	100	17.5	M16 X 50	220	16.6	5/8" - 11 X 44	220
61SF 3.1/2	61MF 3.1/2	115.1	102.4	10.7	22	28	120.7	68.6	34	152	69.9	140	25	17.5	M16 X 50	220	16.6	5/8" - 11 X 51	220
61SF 4	61MF 4	127.8	115.0	10.7	25	35	130.2	74.9	38	162	77.8	152	25	17.5	M16 X 50	220	16.6	5/8" - 11 X 51	220

61SF 5	61MF 5	153.2	140.5	10.7	28	41	152.4	89.4	45	184	92.1	181	25	17.5	M16 X 55	220	16.6	5/8" - 11 X 57	220

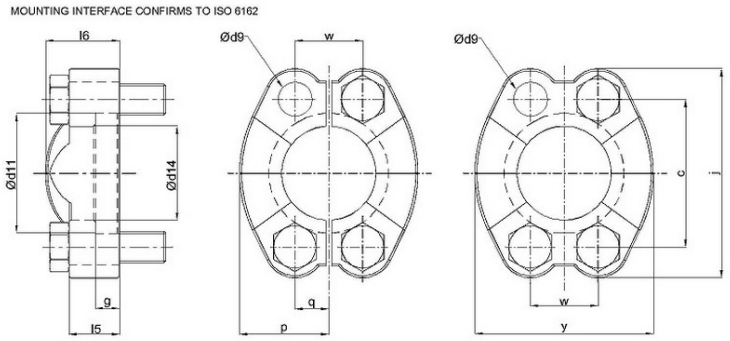
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Hydraulic Flanges & Accessories

SAE SPLIT FLANGE [62SF] / MONO FLANGE [62MF] | Split Flange

Heavy Pressure Series (SAE CODE 62)Mono Flange

Heavy Pressure Series (SAE CODE 62)



Split Flange	Mono Flange	Ã˜d11	Ã˜d14	g	l_5	l_6	c	p	q	j	w	y	PN Bar	Ã˜d9 metric	Metric Bolt	Torque (N-m)	Ã˜d9 UNC	UNC Bolt (Inch)	Torque (N-m)
62SF 1/2	62MF 1/2	32.5	24.6	7.2	16	22	40.5	22.6	8	56	18.2	48	400	9	M8 X 30	25	8.7	5/16"-18 X 32	25
62SF 3/4	62MF 3/4	42.0	32.5	8.2	19	28	50.8	29	11	71	23.8	60	400	11	M10 X 35	53	10.3	3/8"-16 X 38	45
62SF 1	62MF 1	48.4	38.8	9.0	24	33	57.2	33.8	13	81	27.8	70	400	13.5	M12 X 45	95	11.9	7/16"-14 X 44	73

62SF 1.1/4	62MF 1.1/4	54.8	44.5	9.8	27	38	66.6	37.6	15	95	31.8	78	400	13.5	M12 X 45	95	13.5	1/2" -13 X 44	110
62SF 1.1/2	62MF 1.1/2	64.3	51.6	12.0	30	43	79.3	46.5	17	113	36.5	95	400	17.5	M16 X 55	220	16.6	5/8" -11 X 57	220
62SF 2	62MF 2	80.2	67.6	12.0	37	52	96.8	55.9	21	133	44.5	114	400	22	M20 X 70	390	19.8	3/4" -10 X 70	390

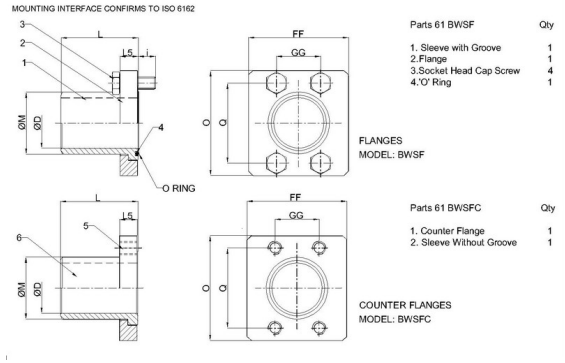
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Hydraulic Flanges & Accessories

BUTTWELD SWIVEL FLANGE [61BWSF] | Flange

Standard Pressure Series (SAE CODE 61)Counter Flange

Standard Pressure Series (SAE CODE 61)



Flange	Counter Flange	Size	Pipe Sch	PN Bar	ÃˆM	ÃˆD	O	Q	FF	GG	L5	i	L	'O' Ring	Cap Screw
61BWSF-21.3-80	61BWSFC-21.3-80	1/2"	80	288	21.3	14	54	38.1	46	17.5	13	12	46	19.0 X 3.55	M8 X 25
61BWSF-21.3-160	61BWSFC-21.3-160	1/2"	160	345	21.3	12	54	38.1	46	17.5	13	12	46	19.0 X 3.55	M8 X 25
61BWSF-26.6-80	61BWSFC-26.6-80	3/4"	80	246	26.6	19	65	47.6	52	22.3	15	15	55	25.0 X 3.55	M10X30
61BWSF-26.6-160	61BWSFC-26.6-160	3/4"	160	345	26.6	15	65	47.6	52	22.3	15	15	55	25.0 X 3.55	M10X30

61BWSF-33.4-80	61BWSFC-33.4-80	1"	80	246	33.4	24	70	52.4	59	26.2	15	15	55	32.5 X 3.55	M10X30
61BWSF-33.4-160	61BWSFC-33.4-160	1"	160	345	33.4	21	70	52.4	59	26.2	15	15	55	32.5 X 3.55	M10X30
61BWSF-42.2-80	61BWSFC-42.2-80	1.1/4"	80	211	42.2	32	79	58.7	73	30.2	15	15	65	37.5 X 3.55	M10X30
61BWSF-42.2-160	61BWSFC-42.2-160	1.1/4"	160	276	42.2	30	79	58.7	73	30.2	15	15	65	37.5 X 3.55	M10X30
61BWSF-48.3-80	61BWSFC-48.3-80	1.1/2"	80	197	48.3	38	94	69.9	83	35.7	17	18	65	47.5 X 3.55	M12X35
61BWSF-60.3-80	61BWSFC-60.3-80	2"	80	176	60.3	49	102	77.8	97	42.9	17	18	75	56.0 X 3.55	M12X35
61BWSF-60.3-160	61BWSFC-60.3-160	2"	160	207	60.3	43	102	77.8	97	42.9	17	18	75	56.0 X 3.55	M12X35
61BWSF-73.0-40	61BWSFC-73.0-40	2.1/2"	40	134	73.0	63	114	88.9	109	50.8	22	18	75	69.0 X 3.55	M12X35
61BWSF-73.0-80	61BWSFC-73.0-80	2.1/2"	80	172	73.0	59	114	88.9	109	50.8	22	18	75	69.0 X 3.55	M12X35
61BWSF-88.9-40	61BWSFC-88.9-40	3"	40	113	88.9	78	135	106.4	131	61.9	26	24	75	85.0 X 3.55	M16X50
61BWSF-88.9-80	61BWSFC-88.9-80	3"	80	138	88.9	74	135	106.4	131	61.9	26	24	75	85.0 X 3.55	M16X50

61BWSF-101.6-40	61BWSFC-101.6-40	3.1/2"	40	34	101.6	90	152	120.7	140	69.9	26	24	75	97.5 X 3.55	M16X50
61BWSF-114.3-40	61BWSFC-114.3-40	4"	40	34	114.3	102	162	130.2	152	77.8	26	24	85	112.0 X 3.55	M16X50
61BWSF-141.3-40	61BWSFC-141.3-40	5"	40	34	141.3	128	184	152.4	181	92.1	31	24	85	136.0 X 3.55	M16X55

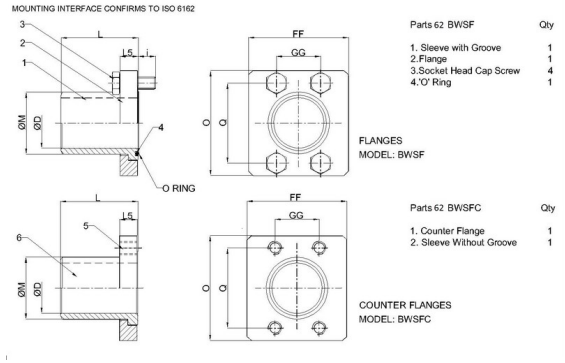
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Hydraulic Flanges & Accessories

BUTTWELD SWIVEL FLANGE [62BWSF] | Flange

High Pressure Series (SAE CODE 62)Counter Flange

High Pressure Series (SAE CODE 62)



Flange	Counter Flange	Size	Pipe Sch	PN Bar	Ã˜M	Ã˜D	O	Q	FF	GG	L5	i	L	'O' Ring	Cap Screw
62BWSF-21.3-160	62BWSFC-21.3-160	1/2"	160	414	21.3	12	56	40.5	48	18.2	18	12	55	19.0 X 3.55	M8 X 30
62BWSF-26.6-160	62BWSFC-26.6-160	3/4"	160	414	26.6	16	71	50.8	60	23.8	20	15	65	25.0 X 3.55	M10X30
62BWSF-33.4-160	62BWSFC-33.4-160	1"	160	401	33.4	21	81	57.2	70	27.8	27	18	85	32.5 X 3.55	M12X45
62BWSF-42.2-160	62BWSFC-42.2-160	1.1/4"	160	310	42.2	30	95	66.6	78	31.8	27	18	95	37.5 X 3.55	M12X45

62BWSF-42.2-XXS	62BWSFC-42.2-XXS	1.1/4"	XXS	414	42.2	23	95	66.6	78	31.8	27	18	95	37.5 X 3.55	M12X45
62BWSF-48.3-160	62BWSFC-48.3-160	1.1/2"	160	317	48.3	34	113	79.3	95	36.5	31	24	102	47.5 X 3.55	M16X55
62BWSF-48.3-XXS	62BWSFC-48.3-XXS	1.1/2"	XXS	414	48.3	28	113	79.3	95	36.5	31	24	102	47.5 X 3.55	M16X55
62BWSF-60.3-160	62BWSFC-60.3-160	2"	160	324	60.3	43	133	96.8	114	44.5	40	30	130	56.0 X 3.55	M20X75
62BWSF-60.3-XXS	62BWSFC-60.3-XXS	2"	XXS	414	60.3	38	133	96.8	114	44.5	40	30	130	56.0 X 3.55	M20X75
62BWSF-76.1-160	62BWSFC-73.0-160	2.1/2"	160	296	73.0	54	175	123.8	149	58.7	47	33	140	69.0 X 3.55	M22X80
62BWSF-76.1-XXS	62BWSFC-73.0-XXS	2.1/2"	XXS	414	73.0	45	175	123.8	149	58.7	47	33	140	69.0 X 3.55	M22X80
62BWSF-88.9-160	62BWSFC-88.9-160	3"	160	288	88.9	66	216	152.4	178	71.4	65	45	185	85.0 X 3.55	M30X110
62BWSF-88.9-XXS	62BWSFC-88.9-XXS	3"	XXS	414	88.9	58	216	152.4	178	71.4	65	45	185	85.0 X 3.55	M30X110

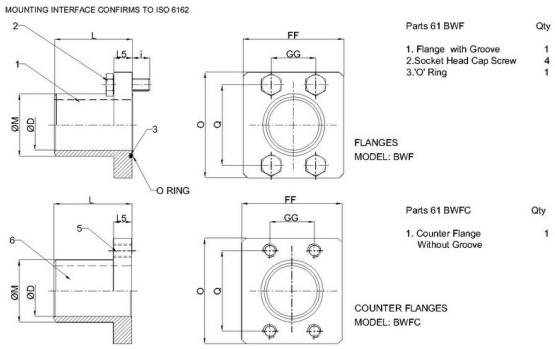
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Hydraulic Flanges & Accessories

BUTTWELD FLANGE [61BWF] | Flange

Standard Pressure Series (SAE CODE 61)Counter Flange

Standard Pressure Series (SAE CODE 61)



Flange	Counter Flange	Size	Pipe Sch	PN Bar	Ã˜M	Ã˜D	O	Q	FF	GG	L5	i	L	'O' Ring	Cap Screw
61BWF-21.3-80	61BWFC-21.3-80	1/2"	80	288	21.3	14	54	38.1	38	17.5	13	12	32	19.0 X 3.55	M8 X 25
61BWF-21.3-160	61BWFC-21.3-160	1/2"	160	345	21.3	12	54	38.1	38	17.5	13	12	32	19.0 X 3.55	M8 X 25
61BWF-26.6-80	61BWFC-26.6-80	3/4"	80	246	26.6	19	65	47.6	45	22.3	15	15	32	25.0 X 3.55	M10X30
61BWF-26.6-160	61BWFC-26.6-160	3/4"	160	345	26.6	15	65	47.6	45	22.3	15	15	32	25.0 X 3.55	M10X30

61BWF-33.4-80	61BWFC-33.4-80	1"	80	246	33.4	24	70	52.4	51	26.2	15	15	32	32.5 X 3.55	M10X30
61BWF-33.4-160	61BWFC-33.4-160	1"	160	345	33.4	21	70	52.4	51	26.2	15	15	32	32.5 X 3.55	M10X30
61BWF-42.2-80	61BWFC-42.2-80	1.1/4"	80	211	42.2	32	79	58.7	64	30.2	15	15	32	37.5 X 3.55	M10X30
61BWF-42.2-160	61BWFC-42.2-160	1.1/4"	160	276	42.2	30	79	58.7	64	30.2	15	15	32	37.5 X 3.55	M10X30
61BWF-48.3-80	61BWFC-48.3-80	1.1/2"	80	197	48.3	38	94	69.9	70	35.7	17	18	38	47.5 X 3.55	M12X35
61BWF-60.3-80	61BWFC-60.3-80	2"	80	176	60.3	49	102	77.8	83	42.9	17	18	35	56.0 X 3.55	M12X35
61BWF-60.3-160	61BWFC-60.3-160	2"	160	207	60.3	43	102	77.8	83	42.9	17	18	35	56.0 X 3.55	M12X35
61BWF-73.0-40	61BWFC-73.0-40	2.1/2"	40	134	73.0	63	114	88.9	102	50.8	22	18	45	69.0 X 3.55	M12X40
61BWF-73.0-80	61BWFC-73.0-80	2.1/2"	80	172	73.0	59	114	88.9	102	50.8	22	18	45	69.0 X 3.55	M12X40
61BWF-88.9-40	61BWFC-88.9-40	3"	40	113	88.9	78	135	106.4	114	61.9	26	24	51	85.0 X 3.55	M16X50
61BWF-88.9-80	61BWFC-88.9-80	3"	80	138	88.9	74	135	106.4	114	61.9	26	24	51	85.0 X 3.55	M16X50

61BWF-101.6-40	61BWFC-101.6-40	3.1/2"	40	34	101.6	90	152	120.7	127	69.9	26	24	38	97.5 X 3.55	M16X50
61BWF-114.3-40	61BWFC-114.3-40	4"	40	34	114.3	102	162	130.2	140	77.8	26	24	38	112.0 X 3.55	M16X50
61BWF-141.3-40	61BWFC-141.3-40	5"	40	34	141.3	128	184	152.4	178	92.1	26	24	51	136.0 X 3.55	M16X50

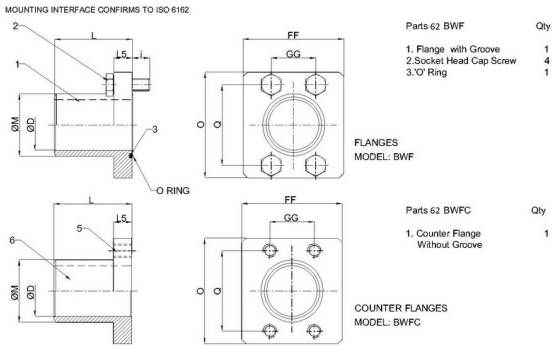
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Hydraulic Flanges & Accessories

BUTTWELD FLANGE [62BWF] | Flange

Standard Pressure Series (SAE CODE 62)Counter Flange

Standard Pressure Series (SAE CODE 62)



Flange	Counter Flange	Size	Pipe Sch	PN Bar	Ã˜M	Ã˜D	O	Q	FF	GG	L5	i	L	'O' Ring	Cap Screw
62BWF-21.3-160	62BWFC-21.3-160	1/2"	160	414	21.3	12	56	40.5	45	18.2	18	12	32	19.0 X 3.55	M8X30
62BWF-26.6-160	62BWFC-26.6-160	3/4"	160	414	26.6	16	71	50.8	51	23.8	20	15	32	25.0 X 3.55	M10X35
62BWF-33.4-160	62BWFC-33.4-160	1"	160	401	33.4	21	81	57.2	57	27.8	22	18	32	32.5 X 3.55	M12X40
62BWF-42.2-160	62BWFC-42.2-160	1.1/4"	160	310	42.2	30	95	66.6	70	31.8	22	18	32	37.5 X 3.55	M12X40

62BWF-42.2-XXS	62BWFC-42.2-XXS	1.1/4"	XXS	414	42.2	23	95	66.6	70	31.8	22	18	32	37.5 X 3.55	M12X40
62BWF-48.3-160	62BWFC-48.3-160	1.1/2"	160	317	48.3	34	113	79.3	83	36.5	21	24	38	47.5 X 3.55	M16X45
62BWF-48.3-XXS	62BWFC-48.3-XXS	1.1/2"	XXS	414	48.3	28	113	79.3	83	36.5	21	24	38	47.5 X 3.55	M16X45
62BWF-60.3-160	62BWFC-60.3-160	2"	160	324	60.3	43	133	96.8	102	44.5	30	30	45	56.0 X 3.55	M20X60
62BWF-60.3-XXS	62BWFC-60.3-XXS	2"	XXS	414	60.3	38	133	96.8	102	44.5	30	30	45	56.0 X 3.55	M20X60
62BWF-73.0-160	62BWFC-73.0-160	2.1/2"	160	296	73.0	54	175	123.8	127	58.7	32	33	51	69.0 X 3.55	M22X65
62BWF-73.0-XXS	61BWFC-73.0-XXS	2.1/2"	XXS	414	73.0	45	175	123.8	127	58.7	32	33	51	69.0 X 3.55	M22X65
62BWF-88.9-160	62BWFC-88.9-160	3"	160	288	88.9	66	216	152.4	153	71.4	35	45	63	85.0 X 3.55	M30X80
62BWF-88.9-XXS	62BWFC-88.9-XXS	3"	XXS	414	88.9	58	216	152.4	153	71.4	35	45	63	85.0 X 3.55	M30X80

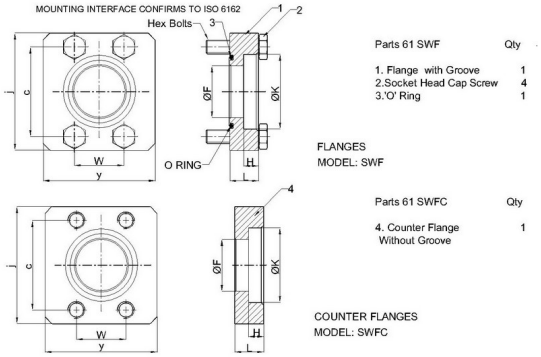
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Hydraulic Flanges & Accessories

SOCKET WELD FLANGE [61SWF] | Flange

Standard Pressure Series (SAE CODE 61)Counter Flange

Standard Pressure Series (SAE CODE 61)



Parts 61 SWF Qty

1. Flange with Groove 1
2.Socket Head Cap Screw 4
3.'O' Ring 1

FLANGES
MODEL: SWF

Parts 61 SWFC Qty

4. Counter Flange Without Groove 1

COUNTER FLANGES
MODEL: SWFC

Flange	Counter Flange	Nom Flange Size	PN Bar	y	j	c	w	ÃˆF	H	ÃˆK	L	'O' Ring	Cap Screw
61SWF-21.3	61SWFC-21.3	1/2"	350	46	54	38.1	17.5	13	10	21.8	18	19.0 x 3.55	M8X30
61SWF-26.6	61SWFC-26.6	3/4"	350	52	65	47.6	22.3	19	13	27.0	25	25.0 X 3.55	M10X40
61SWF-33.4	61SWFC-33.4	1"	350	59	70	52.4	26.2	25	13	33.7	25	32.5 X 3.55	M10X40
61SWF-42.2	61SWFC-42.2	1.1/4"	250	73	79	58.7	30.2	32	13	42.6	25	37.5 X 3.55	M10X40

61SWF-48.3	61SWFC-48.3	1.1/2"	200	83	94	69.9	35.7	38	13	48.7	32	47.5 X 3.55	M12X50
61SWF-60.3	61SWFC-60.3	2"	200	97	102	77.8	42.9	49	16	61.2	37	56.0 X 3.55	M12X55
61SWF-73.0	61SWFC-73.0	2.1/2"	160	109	114	88.9	50.8	61	19	73.9	42	69.0 X 3.55	M12X60
61SWF-88.9	61SWFC-88.9	3"	100	131	135	106.4	61.9	75	19	89.9	51	85.0 X 3.55	M16X75
61SWF-101.6	61SWFC-101.6	3.1/2"	25	140	152	120.7	69.9	86	19	102.7	36	97.5 X 3.55	M16X60
61SWF-114.3	61SWFC-114.3	4"	25.0	152	162	130.2	77.8	99	19	115.5	36	112.0 X 3.55	M16X60
61SWF-141.3	61SWFC-141.3	5"	25	181	184	152.4	92.1	127	19	142.8	51	136.0 X 3.55	M16X75

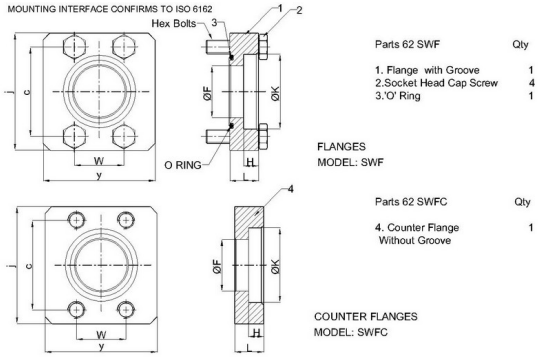
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Hydraulic Flanges & Accessories

SOCKET WELD FLANGE [62SWF] | Flange

High Pressure Series (SAE CODE 62)Counter Flange

High Pressure Series (SAE CODE 62)



Flange	Counter Flange	Nom Flange Size	PN Bar	y	j	c	w	ÃˆF	H	ÃˆK	L	'O' Ring	Cap Screw
62SWF-21.3	62SWFC-21.3	1/2"	400	48	56	40.5	18.2	13	13	21.8	23	19.00 x 3.55	M8X35
62SWF-26.6	62SWFC-26.6	3/4"	400	60	71	50.8	23.8	19	13	27.0	25	25.0 X 3.55	M10X40
62SWF-33.4	62SWFC-33.4	1"	400	70	81	57.2	27.8	25	13	33.7	27	32.5 X 3.55	M12X45
62SWF-42.2	62SWFC-42.2	1.1/4"	400	78	95	66.6	31.8	32	13	42.6	32	37.5 X 3.55	M12X50

62SWF-48.3	62SWFC-48.3	1.1/2"	400	95	113	79.3	36.5	38	13	48.7	36	47.5 X 3.55	M16X60
62SWF-60.3	62SWFC-60.3	2"	400	114	133	96.8	44.5	50	16	61.2	45	56.0 X 3.55	M20X75
62SWF-73.0	62SWFC-73.0	2.1/2"	400	149	175	123.8	58.7	60	16	73.9	52	69.0 X 3.55	M22X85
62SWF-88.9	62SWFC-88.9	3"	400	178	216	152.4	71.4	75	16	89.9	65	85.0 X 3.55	M30X110

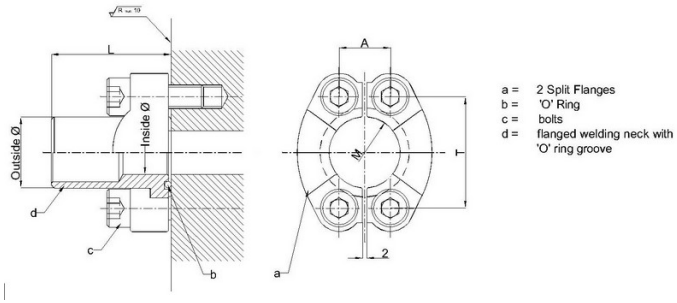
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Hydraulic Flanges & Accessories

SAE-Flanges With Flanged Welding Neck | Flange Connection TYPE - A

Standard Pressure Series (SAE CODE 61)

As Per SN 532-1
Flange connection TYPE-A



Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	L	M	Bolt ISO 4762	O' Ring SN 430
A-1/2-3/20.0 X 2.5	1/2"	250	20.0	14.0	17.5	38.1	30	24.3	M8 X 25	18.64 X 3.53
A-3/4-3/25.0 X 3.0	3/4"	250	30.0	20.0	22.3	47.6	35	32.2	M10 X 30	24.99 X 3.53
A-1-3/30.0 X 4.0	1"	250	38.0	28.0	26.2	52.4	40	38.5	M10 X 30	32.92 X 3.53
A-11/4-3/38.0 X 3.0	1.1/4"	250	42.4	33.0	30.2	58.7	45	43.7	M10 X 35	37.69 X 3.53
A-11/2-3/48.3 X 2.6	1.1/2"	200	48.3	42.0	35.7	69.9	50	50.8	M12 X 35	47.22 X 3.53
A-2-3/60.3 X 2.9	2"	200	60.3	52.0	42.9	77.8	60	62.8	M12 X 35	56.74 X 3.53
A-2.1/2/76.1 X 2.9	2.1/2"	160	76.1	65.0	50.8	88.9	70	74.9	M12 X 40	69.44 X 3.53
A-3-3/88.9 X 3.2	3"	100	88.9	81.0	61.9	106.4	80	90.9	M16 X 45	85.32 X 3.53

A-4-3/114.3 X 3.6	4"	25	114.3	106.0	77.8	130.2	80	115.0	M16 X 50	110.72 X 3.53
A-5-3/139.7 X 4.0	5"	25	139.7	132.0	92.1	152.4	80	140.5	M16 X 50	136.12 X 3.53

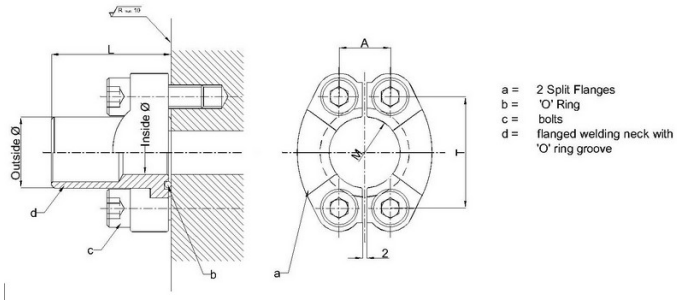
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Hydraulic Flanges & Accessories

SAE-Flanges With Flanged Welding Neck | Flange Connection TYPE - A

High Pressure Series (SAE CODE 62)

As Per SN 532-1
Flange connection TYPE-A



Flange	DN	PN max.	Pipe Connection outer Ã˜max.	Pipe Connection Inner Ã˜max.	A	T	L	M	Bolt ISO 4762	O' Ring SN 430
A-1/2-6/20.0 X 3.0	1/2"	400	20.0	14.0	18.2	40.5	40	24.6	M8 X 30	18.64 X 3.53
A-3/4-6/25.0 X 4.0	3/4"	400	30.0	20.0	23.8	50.8	45	32.5	M10 X 35	24.99 X 3.53
A-1-6/30.0 X 5.0	1"	400	38.0	28.0	27.8	57.2	50	38.8	M12 X 40	32.92 X 3.53
A-11/4-6/38.0 X 6.0	1.1/4"	400	42.4	33.0	31.8	66.7	55	44.5	M14 X 45	47.22 X 3.53
A-11/2-6/48.3 X 8.0	1.1/2"	400	48.3	42.0	36.5	79.4	60	51.6	M16 X 50	47.22 X 3.53
A-2-6/60.3 X 10.0	2"	400	60.3	52.0	44.5	96.8	70	67.6	M20 X 60	56.74 X 3.53
A-2.1/2-6/76.1 X 12.5	2.1/2"	320	76.1	65.0	58.7	123.8	75	89.5	M24 X 80	69.44 X 3.53
A-3-6/88.9 X 14.2	3"	320	88.9	81.0	71.4	152.4	80	114.5	M30 X 100	85.32 X 3.53

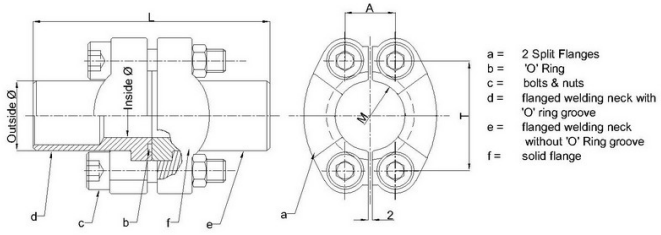
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Hydraulic Flanges & Accessories

SAE-Flanges Type Coupling | Flange Connection TYPE - B

Standard Pressure Series (SAE CODE 61)

As Per SN 532-1
Flange connection TYPE-B



Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	L	M max.	Bolt ISO 4762	Nut ISO 4032	O' Ring SN 430
B-1/2-3/20.0 X 2.5	1/2"	250	20.0	14.0	17.5	38.1	60	24.3	M8 X 40	M 8	18.64 X 3.53
B-3/4-3/25.0 X 3.0	3/4"	250	30.0	20.0	22.3	47.6	70	32.2	M10 X 40	M10	24.99 X 3.53
B-1-3/30.0 X 4.0	1"	250	38.0	28.0	26.2	52.4	80	38.5	M10 X 45	M10	32.92 X 3.53
B-11/4-3/38.0 X 3.0	1.1/4"	250	42.4	33.0	30.2	58.7	90	43.7	M10 X 45	M10	37.69 X 3.53
B-11/2-3/48.3 X 2.6	1.1/2"	200	48.3	42.0	35.7	69.9	100	50.8	M12 X 50	M12	47.22 X 3.53

B-2-3/60.3 X 2.9	2"	200	60.3	52.0	42.9	77.8	120	62.8	M12 X 50	M12	56.74 X 3.53
B-2.1/2/76.1 X 2.9	2.1/2"	160	76.1	65.0	50.8	88.9	140	74.9	M12 X 60	M12	69.44 X 3.53
B-3-3/88.9 X 3.2	3"	100	88.9	81.0	61.9	106.4	160	90.9	M16 X 70	M16	85.32 X 3.53
B-4-3/114.3 X 3.6	4"	25	114.3	106.0	77.8	130.2	160	115.0	M16 X 80	M16	110.72 X 3.53
B-5-3/139.7 X 4.0	5"	25	139.7	132.0	92.1	152.4	160	140.5	M16 X 80	M16	136.12 X 3.53

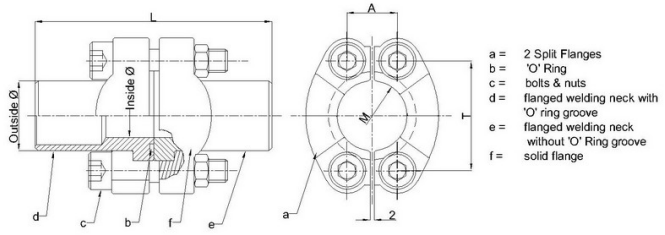
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Hydraulic Flanges & Accessories

SAE-Flanges Type Coupling | Flange Connection TYPE - B

High Pressure Series (SAE CODE 62)

As Per SN 532-1
Flange connection TYPE-B



Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	L	M	Bolt ISO 4762	Nut ISO 4032	O' Ring SN 430
B-1/2-6/20.0 X 3.0	1/2"	400	20.0	14.0	18.2	40.5	80	24.6	M8 X 45	M 8	18.64 X 3.53
B-3/4-6/25.0 X 4.0	3/4"	400	30.0	20.0	23.8	50.8	90	32.5	M10 X 50	M10	24.99 X 3.53
B-1-6/30.0 X 5.0	1"	400	38.0	28.0	27.8	57.2	100	38.8	M12 X 65	M12	32.92 X 3.53
B-11/4-6/38.0 X 6.0	1.1/4"	400	42.4	33.0	31.8	66.7	110	44.5	M14 X 70	M14	47.22 X 3.53
B-11/2-6/48.3 X 8.0	1.1/2"	400	48.3	42.0	36.5	79.4	120	51.6	M16 X 80	M16	47.22 X 3.53

B-2-6/60.3 X 10.0	2"	400	60.3	52.0	44.5	96.8	140	67.6	M20 X 100	M20	56.74 X 3.53
B-2.1/2-6/76.1 X 12.5	2.1/2"	320	76.1	65.0	58.7	123.8	150	89.5	M24 X 120	M24	69.44 X 3.53
B-3-6/88.9 X 14.2	3"	320	88.9	81.0	71.4	152.4	160	114.5	M30 X 140	M30	85.32 X 3.53

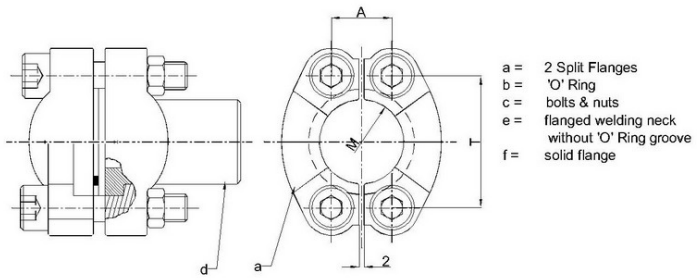
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Hydraulic Flanges & Accessories

SAE-Flanges Type Coupling without flanged welding neck | Flange Connection TYPE - C

Standard Pressure Series (SAE CODE 61)

As Per SN 532-1
Flange connection TYPE-C



a = 2 Split Flanges
b = 'O' Ring
c = bolts & nuts
e = flanged welding neck without 'O' Ring groove
f = solid flange

Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M max.	Bolt ISO 4762	Nut ISO 4032	O' Ring SN 430
C-1/2-3/20.0 X 2.5	1/2"	250	20.0	14.0	17.5	38.1	24.3	M8 X 40	M 8	18.64 X 3.53
C-3/4-3/25.0 X 3.0	3/4"	250	30.0	20.0	22.3	47.6	32.2	M10 X 40	M10	24.99 X 3.53
C-1-3/30.0 X 4.0	1"	250	38.0	28.0	26.2	52.4	38.5	M10 X 45	M10	32.92 X 3.53
C-11/4-3/38.0 X 3.0	1.1/4"	250	42.4	33.0	30.2	58.7	43.7	M10 X 45	M10	37.69 X 3.53
C-11/2-3/48.3 X 2.6	1.1/2"	200	48.3	42.0	35.7	69.9	50.8	M12 X 50	M12	47.22 X 3.53
C-2-3/60.3 X 2.9	2"	200	60.3	52.0	42.9	77.8	62.8	M12 X 50	M12	56.74 X 3.53
C-2.1/2/76.1 X 2.9	2.1/2"	160	76.1	65.0	50.8	88.9	74.9	M12 X 60	M12	69.44 X 3.53

C-3-3/88.9 X 3.2	3"	100	88.9	81.0	61.9	106.4	90.9	M16 X 70	M16	85.32 X 3.53
C-4-3/114.3 X 3.6	4"	25	114.3	106.0	77.8	130.2	115.0	M16 X 80	M16	110.72 X 3.53
C-5-3/139.7 X 4.0	5"	25	139.7	132.0	92.1	152.4	140.5	M16 X 80	M16	136.12 X 3.53

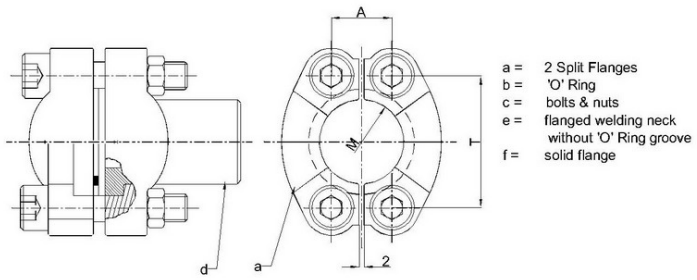
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Hydraulic Flanges & Accessories

SAE-Flanges Type Coupling without flanged welding neck | Flange Connection TYPE - C

High Pressure Series (SAE CODE 62)

As Per SN 532-1
Flange connection TYPE-C



a = 2 Split Flanges
b = 'O' Ring
c = bolts & nuts
e = flanged welding neck without 'O' Ring groove
f = solid flange

Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M	Bolt ISO 4762	Nut ISO 4032	O' Ring SN 430
C-1/2-6/20.0 X 3.0	1/2"	400	20.0	14.0	18.2	40.5	24.6	M8 X 45	M 8	18.64 X 3.53
C-3/4-6/25.0 X 4.0	3/4"	400	30.0	20.0	23.8	50.8	32.5	M10 X 50	M10	24.99 X 3.53
C-1-6/30.0 X 5.0	1"	400	38.0	28.0	27.8	57.2	38.8	M12 X 65	M12	32.92 X 3.53
C-11/4-6/38.0 X 6.0	1.1/4"	400	42.4	33.0	31.8	66.7	44.5	M14 X 70	M14	47.22 X 3.53
C-11/2-6/48.3 X 8.0	1.1/2"	400	48.3	42.0	36.5	79.4	51.6	M16 X 80	M16	47.22 X 3.53
C-2-6/60.3 X 10.0	2"	400	60.3	52.0	44.5	96.8	67.6	M20 X 100	M20	56.74 X 3.53
C-2.1/2-6/76.1 X 12.5	2.1/2"	320	76.1	65.0	58.7	123.8	89.5	M24 X 120	M24	69.44 X 3.53

C-3-6/88.9 X 14.2	3"	320	88.9	81.0	71.4	152.4	114.5	M30 X 140	M30	85.32 X 3.53

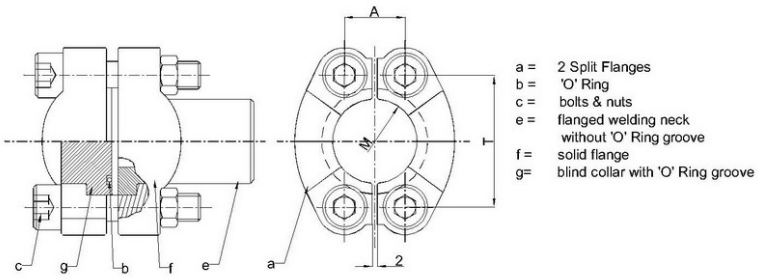
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Hydraulic Flanges & Accessories

SAE-Flanges Type Coupling With Blind Collar | Flange Connection TYPE - D

Standard Pressure Series (SAE CODE 61)

As Per SN 532-1
Flange connection TYPE-D



a = 2 Split Flanges
b = 'O' Ring
c = bolts & nuts
e = flanged welding neck without 'O' Ring groove
f = solid flange
g= blind collar with 'O' Ring groove

Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M max.	Bolt ISO 4762	Nut ISO 4032	O' Ring SN 430
D-1/2-3/20.0 X 2.5	1/2"	250	20.0	14.0	17.5	38.1	24.3	M8 X 40	M 8	18.64 X 3.53
D-3/4-3/25.0 X 3.0	3/4"	250	30.0	20.0	22.3	47.6	32.2	M10 X 40	M10	24.99 X 3.53
D-1-3/30.0 X 4.0	1"	250	38.0	28.0	26.2	52.4	38.5	M10 X 45	M10	32.92 X 3.53
D-11/4-3/38.0 X 3.0	1.1/4"	250	42.4	33.0	30.2	58.7	43.7	M10 X 45	M10	37.69 X 3.53
D-11/2-3/48.3 X 2.6	1.1/2"	200	48.3	42.0	35.7	69.9	50.8	M12 X 50	M12	47.22 X 3.53
D-2-3/60.3 X 2.9	2"	200	60.3	52.0	42.9	77.8	62.8	M12 X 50	M12	56.74 X 3.53
D-2.1/2/76.1 X 2.9	2.1/2"	160	76.1	65.0	50.8	88.9	74.9	M12 X 60	M12	69.44 X 3.53

D-3-3/88.9 X 3.2	3"	100	88.9	81.0	61.9	106.4	90.9	M16 X 70	M16	85.32 X 3.53
D-4-3/114.3 X 3.6	4"	25	114.3	106.0	77.8	130.2	115.0	M16 X 80	M16	110.72 X 3.53
D-5-3/139.7 X 4.0	5"	25	139.7	132.0	92.1	152.4	140.5	M16 X 80	M16	136.12 X 3.53

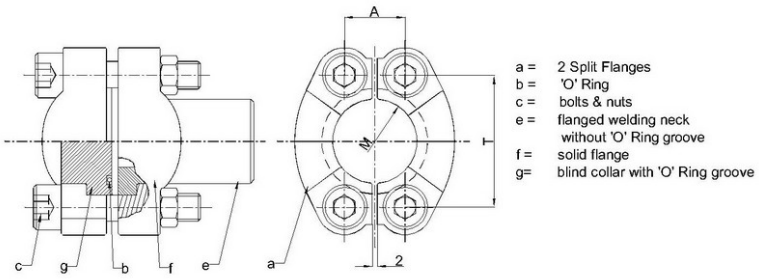
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Hydraulic Flanges & Accessories

SAE-Flanges Type Coupling With Blind Collar | Flange Connection TYPE - D

High Pressure Series (SAE CODE 62)

As Per SN 532-1
Flange connection TYPE-D



a = 2 Split Flanges
b = 'O' Ring
c = bolts & nuts
e = flanged welding neck without 'O' Ring groove
f = solid flange
g= blind collar with 'O' Ring groove

Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M	Bolt ISO 4762	Nut ISO 4032	O' Ring SN 430
D-1/2-6/20.0 X 3.0	1/2"	400	20.0	14.0	18.2	40.5	24.6	M8 X 45	M 8	18.64 X 3.53
D-3/4-6/25.0 X 4.0	3/4"	400	30.0	20.0	23.8	50.8	32.5	M10 X 50	M10	24.99 X 3.53
D-1-6/30.0 X 5.0	1"	400	38.0	28.0	27.8	57.2	38.8	M12 X 65	M12	32.92 X 3.53
D-11/4-6/38.0 X 6.0	1.1/4"	400	42.4	33.0	31.8	66.7	44.5	M14 X 70	M14	47.22 X 3.53
D-11/2-6/48.3 X 8.0	1.1/2"	400	48.3	42.0	36.5	79.4	51.6	M16 X 80	M16	47.22 X 3.53
D-2-6/60.3 X 10.0	2"	400	60.3	52.0	44.5	96.8	67.6	M20 X 100	M20	56.74 X 3.53
D-2.1/2-6/76.1 X 12.5	2.1/2"	320	76.1	65.0	58.7	123.8	89.5	M24 X 120	M24	69.44 X 3.53

D-3-6/88.9 X 14.2	3"	320	88.9	81.0	71.4	152.4	114.5	M30 X 140	M30	85.32 X 3.53

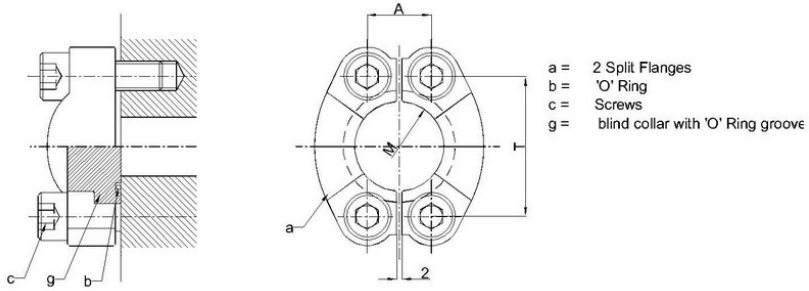
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Hydraulic Flanges & Accessories

SAE-Flanges Connection with Blind Collar | Flange Connection TYPE - E

Standard Pressure Series (SAE CODE 61)

As Per SN 532-1
Flange connection TYPE-E



a = 2 Split Flanges
b = 'O' Ring
c = Screws
g = blind collar with 'O' Ring groove

Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M	Bolt ISO 4762	O' Ring SN 430
E-1/2-3	1/2"	250	20.0	14.0	17.5	38.1	24.3	M8 X 25	18.64 X 3.53
E-3/4-3	3/4"	250	30.0	20.0	22.3	47.6	32.2	M10 X 30	24.99 X 3.53
E-1-3	1"	250	38.0	28.0	26.2	52.4	38.5	M10 X 30	32.92 X 3.53
E-11/4-3	1.1/4"	250	42.4	33.0	30.2	58.7	43.7	M10 X 35	37.69 X 3.53
E-11/2-3	1.1/2"	200	48.3	42.0	35.7	69.9	50.8	M12 X 35	47.22 X 3.53
E-2-3	2"	200	60.3	52.0	42.9	77.8	62.8	M12 X 35	56.74 X 3.53
E-2.1/2	2.1/2"	160	76.1	65.0	50.8	88.9	74.9	M12 X 40	69.44 X 3.53

E-3-3	3"	100	88.9	81.0	61.9	106.4	90.9	M16 X 45	85.32 X 3.53
E-4-3	4"	25	114.3	106.0	77.8	130.2	115.0	M16 X 50	110.72 X 3.53
E-5-3	5"	25	139.7	132.0	92.1	152.4	140.5	M16 X 50	136.12 X 3.53

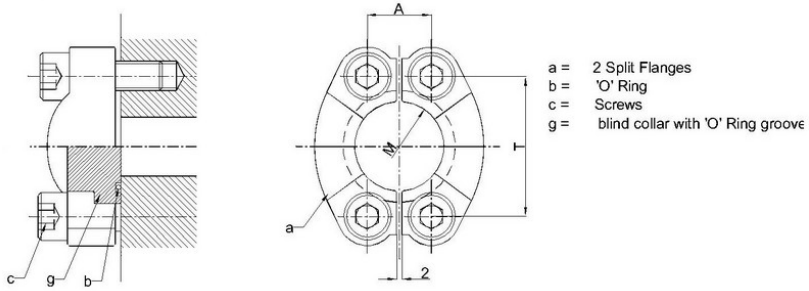
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Hydraulic Flanges & Accessories

SAE-Flanges Connection with Blind Collar | Flange Connection TYPE - E

High Pressure Series (SAE CODE 62)

As Per SN 532-1
Flange connection TYPE-E



a = 2 Split Flanges
b = 'O' Ring
c = Screws
g = blind collar with 'O' Ring groove

Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M	Bolt ISO 4762	O' Ring SN 430
E-1/2-6	1/2"	400	20.0	14.0	18.2	40.5	24.6	M8 X 30	18.64 X 3.53
E-3/4-6	3/4"	400	30.0	20.0	23.8	50.8	32.5	M10 X 35	24.99 X 3.53
E-1-6	1"	400	38.0	28.0	27.8	57.2	38.8	M12 X 40	32.92 X 3.53
E-11/4-6	1.1/4"	400	42.4	33.0	31.8	66.7	44.5	M14 X 45	47.22 X 3.53
E-11/2-6	1.1/2"	400	48.3	42.0	36.5	79.4	51.6	M16 X 50	47.22 X 3.53
E-2-6	2"	400	60.3	52.0	44.5	96.8	67.6	M20 X 60	56.74 X 3.53
E-2.1/2-6	2.1/2"	320	76.1	65.0	58.7	123.8	89.5	M24 X 80	69.44 X 3.53

E-3-6	3"	320	88.9	81.0	71.4	152.4	114.5	M30 X 100	85.32 X 3.53

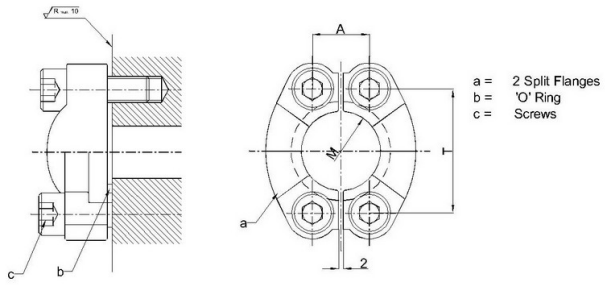
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Hydraulic Flanges & Accessories

SAE-Flange connection without flanged welding neck | Flange

Standard Pressure Series (SAE CODE 61)

As Per SN 532-1
Flange connection TYPE-F



Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M	Bolt ISO 4762	O' Ring SN 430
F-1/2-3	1/2"	250	20.0	14.0	17.5	38.1	24.3	M8 X 25	18.64 X 3.53
F-3/4-3	3/4"	250	30.0	20.0	22.3	47.6	32.2	M10 X 30	24.99 X 3.53
F-1-3	1"	250	38.0	28.0	26.2	52.4	38.5	M10 X 30	32.92 X 3.53
F-11/4-3	1.1/4"	250	42.4	33.0	30.2	58.7	43.7	M10 X 35	37.69 X 3.53
F-11/2-3	1.1/2"	200	48.3	42.0	35.7	69.9	50.8	M12 X 35	47.22 X 3.53
F-2-3	2"	200	60.3	52.0	42.9	77.8	62.8	M12 X 35	56.74 X 3.53
F-2.1/2	2.1/2"	160	76.1	65.0	50.8	88.9	74.9	M12 X 40	69.44 X 3.53

F-3-3	3"	100	88.9	81.0	61.9	106.4	90.9	M16 X 45	85.32 X 3.53
F-4-3	4"	25	114.3	106.0	77.8	130.2	115.0	M16 X 50	110.72 X 3.53
F-5-3	5"	25	139.7	132.0	92.1	152.4	140.5	M16 X 50	136.12 X 3.53

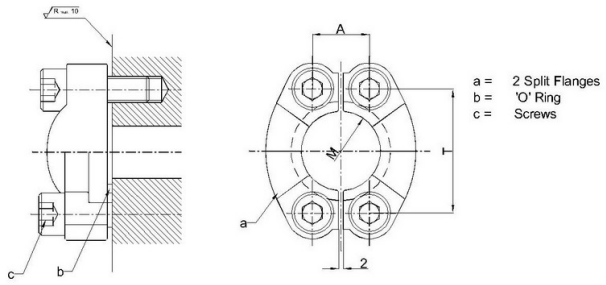
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Hydraulic Flanges & Accessories

SAE-Flange connection without flanged welding neck | Flange

High Pressure Series (SAE CODE 62)

As Per SN 532-1
Flange connection TYPE-F



Flange	DN	PN max.	PIPE Connection outer Ã˜max.	PIPE Connection Inner Ã˜max.	A	T	M	Bolt ISO 4762	O' Ring SN 430
F-1/2-6	1/2"	400	20.0	14.0	18.2	40.5	24.6	M8 X 30	18.64 X 3.53
F-3/4-6	3/4"	400	30.0	20.0	23.8	50.8	32.5	M10 X 35	24.99 X 3.53
F-1-6	1"	400	38.0	28.0	27.8	57.2	38.8	M12 X 40	32.92 X 3.53
F-11/4-6	1.1/4"	400	42.4	33.0	31.8	66.7	44.5	M14 X 45	47.22 X 3.53
F-11/2-6	1.1/2"	400	48.3	42.0	36.5	79.4	51.6	M16 X 50	47.22 X 3.53
F-2-6	2"	400	60.3	52.0	44.5	96.8	67.6	M20 X 60	56.74 X 3.53
F-2.1/2-6	2.1/2"	320	76.1	65.0	58.7	123.8	89.5	M24 X 80	69.44 X 3.53

F-3-6	3"	320	88.9	81.0	71.4	152.4	114.5	M30 X 100	85.32 X 3.53