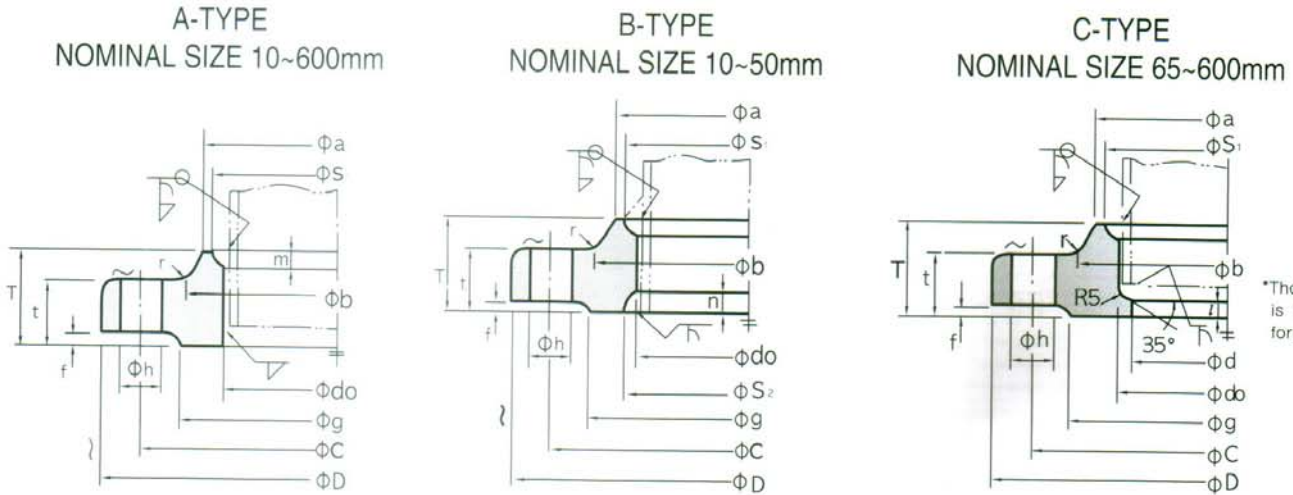


JIS B2220-1984(KSB 1503-1985)

20Kg/Cm² SLIP-ON WELDING STEEL PIPE FLANGES



*The surface finish(-- --) is in the case of die forging.

Yaang Pipe Industry Co., Limited

Unit: mm

Nominal Diameter of Flange	Outside Diameter of Steel Pipe	Inside Diameter of Flange do	Outside Diameter of Flange D	Sectional Dimensions of Flange								Bolt Hole				Reference					Weight(Kg)		
				t	T	Diameter of Hub		Rad-ius r	f	g	d	Bolt Circle Diameter C	Number of Bolt Holes	Hole Dia-meter h	Nominal Bolt Size	S ₁	m	S ₂	n	l	SOP	BL	SOH
						a	b																
10	17.3	17.8	90	14	20	30	32	4	1	46	-	65	4	15	M12	27	4	27	4	-	0.6	0.6	0.59
15	21.7	22.2	95	14	20	34	36	4	1	51	-	70	4	15	M12	31	4	31	4	-	0.7	0.7	0.65
20	27.2	27.7	100	16	22	40	42	4	1	56	-	75	4	15	M12	37	4	37	4	-	0.8	0.9	0.81
25	34.0	34.5	125	16	24	48	50	4	1	67	-	90	4	19	M16	44	4	44	4.5	-	1.3	1.5	1.29
32	42.7	43.2	135	18	26	56	60	5	2	76	-	100	4	19	M16	52	4	53	5	-	1.6	1.8	1.6
40	48.6	49.1	140	18	26	62	66	5	2	81	-	105	4	19	M16	58	4	59	5.5	-	1.7	2.0	1.69
50	60.5	61.1	155	18	26	76	80	5	2	96	-	120	8	19	M16	70	4	72	5.5	-	1.9	2.4	1.89
65	76.3	77.1	175	20	30	100	104	5	2	116	65.9	140	8	19	M16	94	6	85	6	6	2.6	3.4	2.6
80	89.1	90.0	200	22	34	113	117	6	2	132	78.1	160	8	23	M20	107	6	-	-	6	3.8	4.9	3.93
(90)	101.6	102.6	210	24	36	126	130	6	2	145	90.2	170	8	23	M20	120	6	-	-	6	4.4	6.0	4.56
100	114.3	115.4	225	24	36	138	142	6	2	160	102.3	185	8	23	M20	132	6	-	-	6	4.9	6.9	5.13
125	139.8	141.2	270	26	40	166	172	6	2	195	126.6	225	8	25	M22	160	7	-	-	6	7.8	11.0	8.3
150	165.2	166.6	305	28	42	196	202	6	2	230	151.0	260	12	25	M22	186	8	-	-	6	10.1	14.9	10.6
200	216.3	218.0	350	30	46	244	252	6	2	275	199.9	305	12	25	M22	237	9	-	-	6	12.6	21.4	13.3
250	267.4	269.5	430	34	52	304	312	6	2	345	248.8	380	12	27	M24	290	10	-	-	6	21.9	37.2	23.4
300	318.5	321.0	480	36	56	354	364	8	3	395	297.9	430	16	27	M24	345	11	-	-	6	25.8	48.8	27.7
350	355.6	358.1	540	40	62	398	408	8	3	440	333.4	480	16	33	M30×3	384	12	-	-	6	36.2	68.0	39.2
400	406.4	409.0	605	46	70	446	456	10	3	495	381.0	540	16	33	M30×3	437	13	-	-	7	51.7	99.4	54.2
450	457.2	460.0	675	48	78	504	514	10	3	560	431.8	605	20	33	M30×3	490	15	-	-	7	66.1	129.1	71.7
500	508.0	511.0	730	50	84	558	568	10	3	615	482.6	660	20	33	M30×3	544	16	-	-	7	77.4	158.4	86.2
(550)	558.8	562.0	795	52	90	612	622	10	3	670	533.4	720	20	39	M36×3	595	16	-	-	7	92.2	194.0	105
600	609.6	613.0	845	54	96	666	676	10	3	720	584.2	770	24	39	M36×3	646	18	-	-	7	101.1	226.9	119
(650)	660.4	664.0	945	60	-	-	-	5	790	-	850	24	48	M45×3							147.6	311.6	-
700	711.2	715.0	995	64	-	-	-	5	840	-											168.0	370.9	-
(750)	762.0	766.0	1080	68	-	-	-	5	900	-	970	24	56	M52×3							212.7	460.1	-
800	812.8	817.0	1140	72	-	-	-	5	960	-	1030	24	56	M52×3							248.5	546.5	-
(850)	863.6	868.0	1200	74	-	-	-	5	1020	-	1090	24	56	M52×3							280.5	626.2	-
900	914.6	919.0	1250	76	-	-	-	5	1070	-	1140	28	56	M52×3							296.9	694.9	-

- REMARKS: 1. Flanges of parenthesized nominal diameters had better not be used.
 2. The Flange gasket surface is based on large raised facing specified in JIS B2202.
 3. Size d is an example of pipe thickness for schedule 40 of JIS G3454, and JIS G3456. But customers can order for other size as occasion demand.
 4. For dimensional tolerance, refer to JIS B2203.
 5. In principle, material shall be SS400 specified in JIS G3101, SF390A(or SF440A) specified in JIS G3201, or S20C(or S25C) specified in JIS G4051. Material shall be fit for welding.
 *The surface finish is the case of forging(▽:in other cases)