

STAINLESS STEEL THREE-PIECE, HIGH PURITY CLEAN

FULL & TRUE PORT MANUAL OR
AUTOMATED 1/2" TO 12" (DN15-DN300)

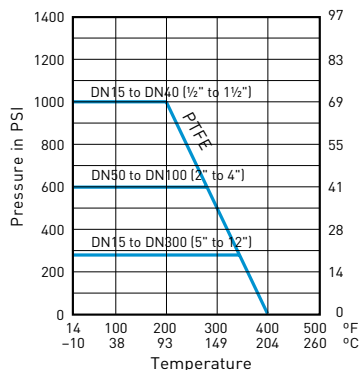
BV2 - 3 F HP

FEATURES

- Patented "Sealmaster" stem arrangement
- Double stem sealing complies with TA-LUFT requirements
- Blow-out proof stem
- ISO 5211 top mounting plate
- Three-piece swing out design
- Valve pressure rating:
 - 1/2" to 1 1/2" - PN 63
 - 2" to 4" - PN 40
 - 5" to 12" - PN 16
- End connections butt weld, tubing and tri-clamp
- All wetted parts are polished to 180 Grit (0.51 to 0.64 micron)
- All extend weld ends in CF3M/DIN1.4409 material allows orbital welding in place
- High purity cleaning (oil free) and packing
- Bosses for purge connections are built into the end caps
- Size range DN15 (1/2") to DN300 (12")
- Helium leak detection calibrated to 1×10^5 std cc/sec



PRESSURE/TEMPERATURE CHART

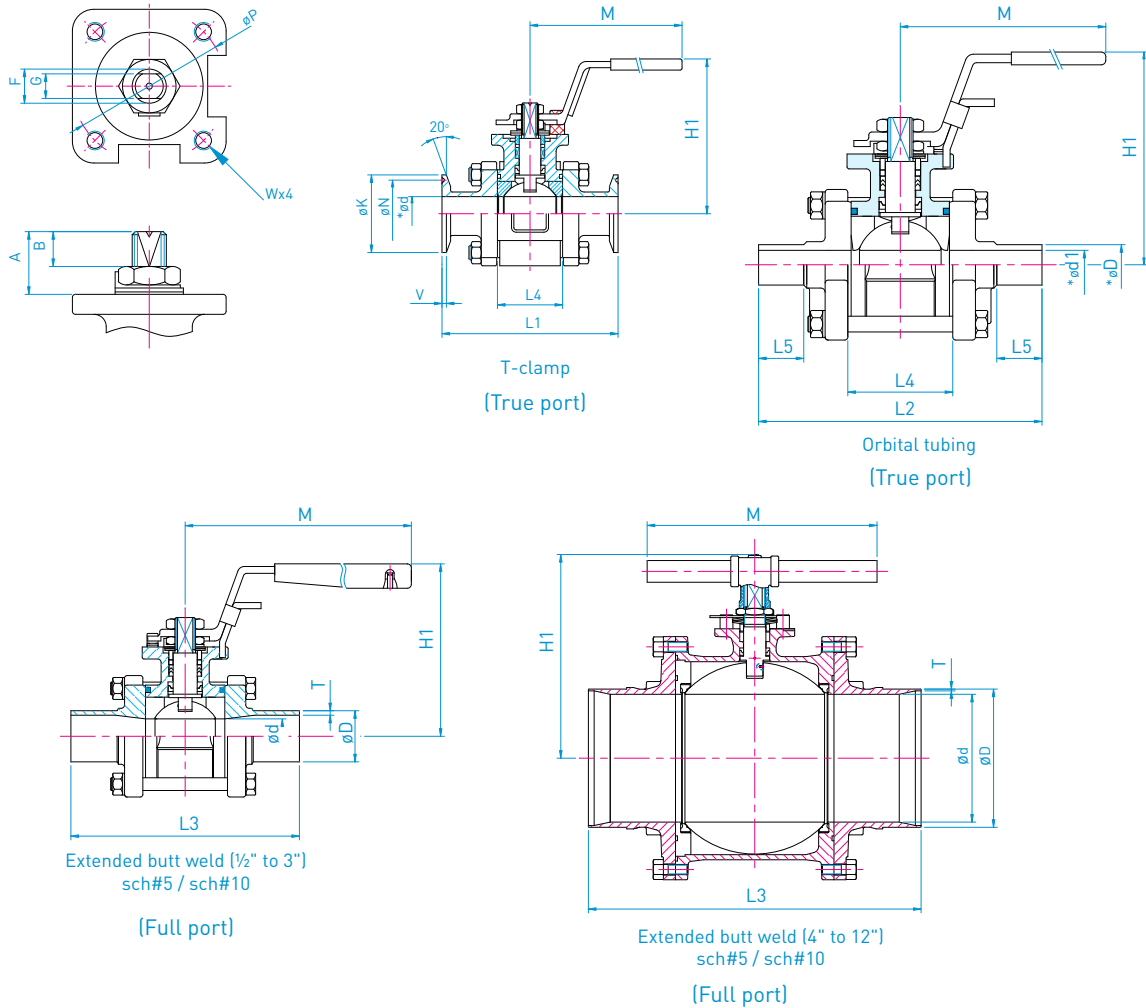


POLISH STANDARD

Standaard Grit	RMS		Ra	
	µin	µm	µin	µm
150gr	30-50	.76-.89	27-32	.68-.80
180gr*	20-25	.51-.64	18-23	.46-.58
240gr	15-20	.38-.51	14-18	.34-.46
320gr	9-11	.23-.28	8-10	.21-.25

*standard

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DIMENSIONS (MM)

SIZE	DN	V	L1	L2	L4	L5	ØK	ØN	Ød	Ød1	ØD	Wt (kg) T-Clamp
1/2"	15	3.63	93.0	139.7	26.5	35.0	25.0	20.2	9.40	10.22	12.70	0.86
3/4"	20	3.63	105.2	139.7	33.2	36.0	25.0	20.3	15.75	15.75	19.05	1.02
1"	25	2.85	113.9	160.7	37.7	38.0	50.4	43.6	22.10	22.10	25.40	1.54
1 1/2"	40	2.85	125.0	190.4	58.0	46.0	50.4	43.6	34.80	34.80	38.10	3.08
2"	50	2.85	146.0	203.2	69.6	46.0	63.9	56.3	47.50	47.50	50.80	4.54
2 1/2"	65	2.85	174.0	254.0	86.5	56.0	77.4	70.6	60.20	60.20	63.50	9.32
3"	80	2.85	193.0	279.0	102.6	60.0	90.9	83.3	72.90	72.90	76.20	14.50
4"	100	2.85	219.4	307.0	125.4	60.0	118.9	110.3	97.38	97.38	101.60	23.00

SIZE	DN	A	B	G	ØP	W	ØF	Ød	T		ØD	M	H1	H3	L3	Wt (kg) Ext.BW
									5S	10S						
1/4"	15	19.8	12.5	6.3	42	M5	9.7	15.0	1.65	2.1	21.7	135	82	82	139.7	0.98
3/4"	20	20.0	12.5	6.3	42	M5	9.7	20.0	1.65	2.1	27.2	135	86	86	139.7	1.18
1"	25	21.0	13.7	8.0	50	M6	11.2	25.0	1.65	2.8	34.0	165	98	98	152.4	1.80
1 1/4"	32	21.4	13.2	8.0	50	M6	11.2	32.0	1.65	2.8	42.7	165	100	-	165.1	2.64
1 1/2"	40	24.6	13.9	9.5	70	M8	16.0	38.0	1.65	2.8	48.6	200	116	101	190.5	3.90
2"	50	25.1	13.9	9.5	70	M8	16.0	50.8	1.65	2.8	60.5	200	125	115	203.2	5.42
2 1/2"	65	41.6	26.1	15.0	102	M10	19.1	65.0	2.10	3.0	76.3	250	160	124	254.0	10.42
3"	80	42.0	25.4	15.0	102	M10	19.1	76.0	2.10	3.0	89.1	250	171	160	279.4	15.74
4"	100	47.8	29.2	17.0	102	M10	28.6	97.4	2.10	3.0	114.3	595	204	170	317.5	23.06
5"	125	53.5	25.0	17.0	102	M10	28.6	125.0	2.80	3.4	139.8	595	226	-	381.0	49.00
6"	150	65.0	36.5	23.0	125	M12	34.0	150.0	2.80	3.4	165.2	800	281	-	403.0	76.00
8"	200	65.0	36.5	23.0	125	M12	34.0	200.0	2.80	4.0	216.3	1100	317	-	521.0	136.00
10"	250	82.0	40.0	30.0	140	M16	50.0	250.0	3.40	4.0	267.4	1100	378	-	559.0	153.00
12"	300	82.0	40.0	30.0	140	M16	50.0	300.0	4.00	4.5	318.5	1100	420	-	635.0	409.00