

Ratings (ASTM A105)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)

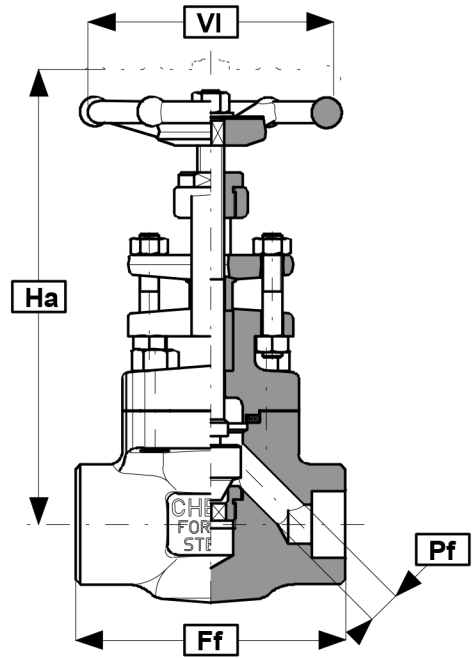
Hydraulic: (minimum)
Body - 5575 p.s.i.
Seat - 4100 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction founded on API 602
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test founded on API 598

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Threaded NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B6 Butt weld 160	



CONVENTIONAL BORE

	1/4"		3/8"		1/2"		3/4"		1"		1.1/4"		1.1/2"		2"	
Ff (mm/in)	90 3,54	90 3,54	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27	246 9,69	255 10,04	307 12,09	200 7,87	35 1,38			
Ha (mm/in)	169 6,65	169 6,65	169 6,65	181 7,13	210 8,27	246 9,69	255 10,04	307 12,09	246 9,69	255 10,04	307 12,09	200 7,87	35 1,38			
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87	140 5,51	140 5,51	200 7,87	200 7,87	35 1,38			
Pf (mm/in)	6,5 0,26	9 0,35	10 0,39	13,5 0,53	18 0,71	24 0,94	29 1,14	35 1,38	24 0,94	29 1,14	35 1,38	35 1,38	35 1,38			
Wt. (kg/lb)	2,4 5,3	2,4 5,3	2,4 5,3	3,7 8,1	5,5 12,1	8,3 18,3	11,4 25,1	16,8 37,0	8,3 18,3	11,4 25,1	16,8 37,0	16,8 37,0	16,8 37,0			
Catal. no.	X750/xx	X751/xx	X752/xx	X753/xx	X754/xx	X755/xx	X756/xx	X757/xx	X755/xx	X756/xx	X757/xx	X756/xx	X757/xx			

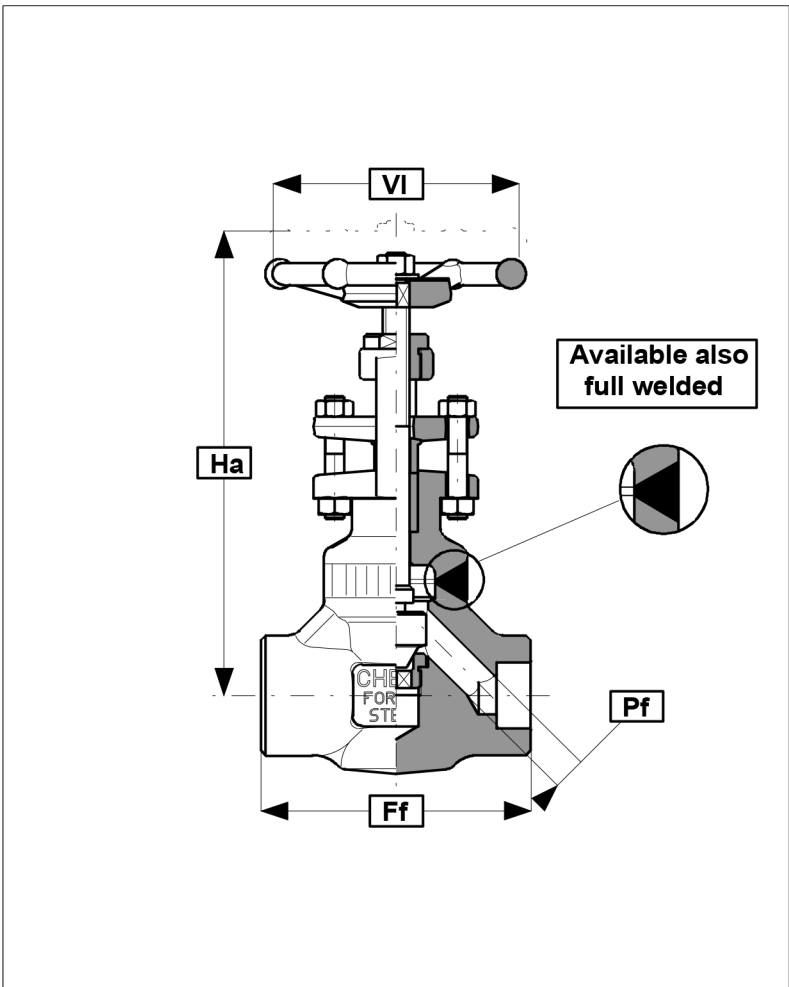
1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)	
1500 p.s.i. @ 850°F	
3705 p.s.i. @ 100°F	

Test pressure (ASTM A105)	
Hydraulic: (minimum)	
Body - 5575 p.s.i.	
Seat - 4100 p.s.i.	
Air under water:	
Seat - 85 p.s.i.	

Standards	
Construction	founded on API 602
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	founded on API 598

Connections (xx)		
SW	Socket weld	B8 Butt weld 80
TH	Threaded NPT	
TS	Sw/NPT	
SE	Sw (in)/NPT	
SU	Sw (out)/NPT	
B6	Butt weld 160	



CONVENTIONAL BORE																
	1/4"		3/8"		1/2"		3/4"		1"		1.1/4"		1.1/2"		2"	
Ff (mm/in)	90	3,54	90	3,54	90	3,54	110	4,33	127	5,00	155	6,10	170	6,69	210	8,27
Ha (mm/in)	177	6,97	177	6,97	177	6,97	185	7,28	214	8,43	244	9,61	270	10,63	330	12,99
VI (mm/in)	90	3,54	90	3,54	90	3,54	100	3,94	120	4,72	140	5,51	140	5,51	200	7,87
Pf (mm/in)	6,5	0,26	9	0,35	10	0,39	13,5	0,53	18	0,71	24	0,94	29	1,14	35	1,38
Wt. (kg/lb)	2,1	4,6	2,1	4,6	2,1	4,6	3,4	7,48	5,4	11,9	7,6	16,7	10,5	23,1	16,5	36,3
Catal. no.	X750WB/xx		X751WB/xx		X752WB/xx		X753WB/xx		X754WB/xx		X755WB/xx		X756WB/xx		X757WB/xx	

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)

Body - 3000 p.s.i.
Seat - 2175 p.s.i.

Air under water:

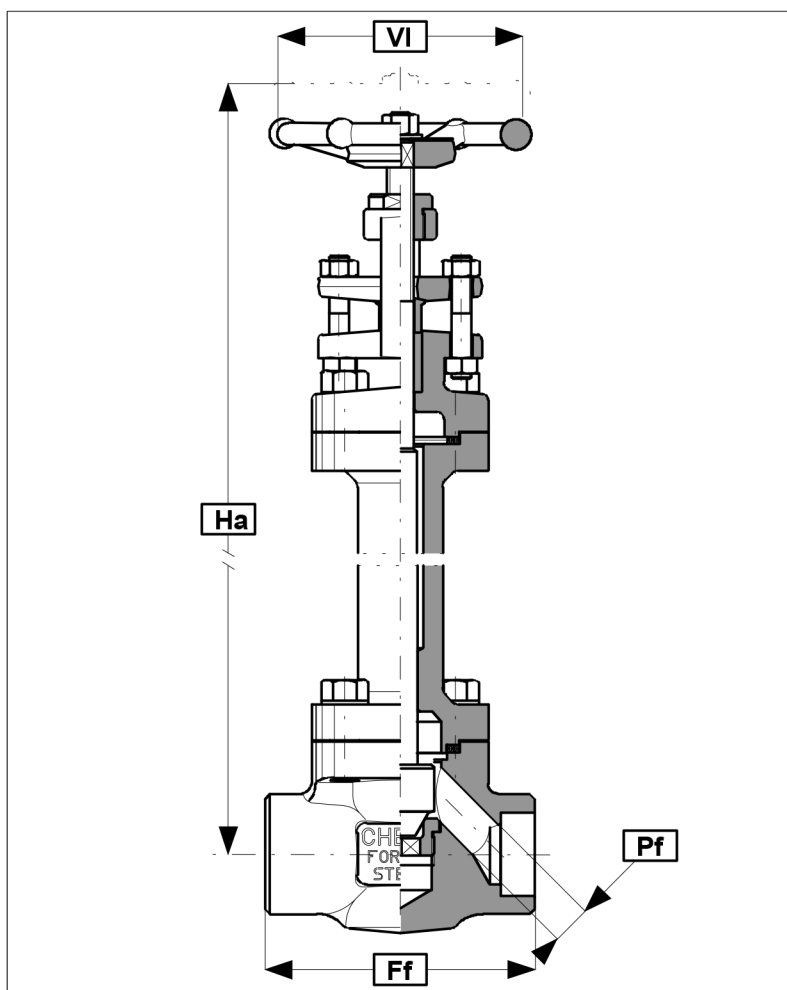
Seat - 85 p.s.i.

Standards

Construction founded on BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test founded on BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	



REDUCED BORE

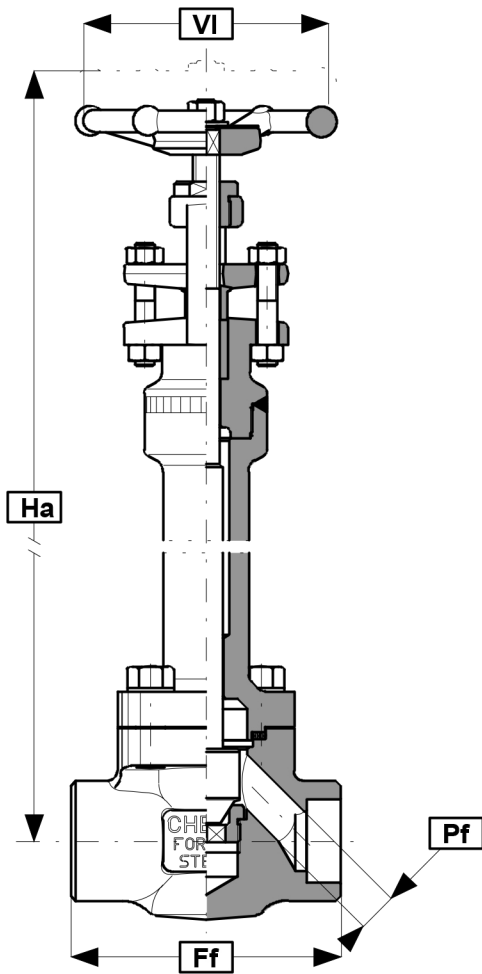
		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)		80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)		333 13,11	365 14,37	401 15,79	462 18,19	507 19,96	531 20,91
VI (mm/in)		90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)		9 0,35	12 0,47	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)		3,1 6,8	3,6 7,9	5,7 12,5	8,8 19,4	11,7 25,7	14,4 31,7
Catal. no.		CR352B/xx	CR353B/xx	CR354B/xx	CR355B/xx	CR356B/xx	CR357B/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	333 13,11	333 13,11	365 14,37	401 15,79	462 18,19	507 19,96	531 20,91	637 25,08
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	6,5 0,26	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	40 ⁽⁶⁾ 1,57
Wt. (kg/lb)	3,1 6,8	3,1 6,8	3,6 7,9	5,7 12,5	8,8 19,4	11,7 25,7	14,4 31,7	22,2 49,0
Catal. no.	CF310B/xx	CF311B/xx	CF312B/xx	CF313B/xx	CF314B/xx	CF315B/xx	CF316B/xx	CF317B/xx

1) Standard and alternative valve materials on page 67, type C
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW & NPT dimensions on page 73
4) Pf = 29,5 with integral stellited seat

5) Pf = 35 with integral stellited seat
6) Pf = 45 with integral stellited seat
7) On request flanged ends can be supplied; body dimensions on page 10,11,12
8) For Ha Length in according to customer desire extension should be welded



Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction founded on BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test founded on BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	

REDUCED BORE

			1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)			80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)			333 13,11	365 14,37	401 15,79	462 18,19	507 19,96	531 20,91
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)			9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)			2,6 5,7	3,1 6,8	5,2 11,4	8,6 18,9	12,4 27,3	15,7 34,5
Catal. no.			CR352/xx	CR353/xx	CR354/xx	CR355/xx	CR356/xx	CR357/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	333 12,99	333 13,11	365 14,37	401 15,79	462 18,19	507 19,96	531 20,91	637 25,08
VI (mm/in)	90 13,11	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	6,5 0,26	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	40 ⁽⁶⁾ 1,57
Wt. (kg/lb)	2,6 5,7	2,6 5,7	3,1 6,8	5,2 11,4	8,6 18,9	12,4 27,3	15,7 34,5	23,4 51,5
Catal. no.	CF310/xx	CF311/xx	CF312/xx	CF313/xx	CF314/xx	CF315/xx	CF316/xx	CF317/xx

1) Standard and alternative valve materials on page 67, type C
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71, 72
3) SW & NPT dimensions on page 73
4) Pf = 29,5 with integral stellited seat

5) Pf = 35 with integral stellited seat
6) Pf = 45 with integral stellited seat
7) On request flanged ends can be supplied; body dimensions on page 10,11,12
8) For Ha Length in according to customer desire extension should be welded

Ratings (ASTM A105)

150 p.s.i. @ 550°F
285 p.s.i. @ 100°F

Test pressure (ASTM A105)

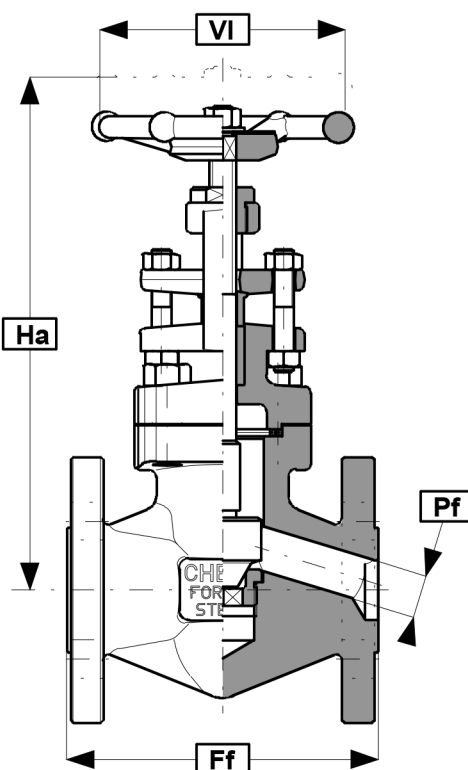
Hydraulic: (minimum)
Body - 450 p.s.i.
Seat - 325 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5352
Flanged ASME B16.5, ASME B16.10
Test BS 6755 (Pt.1)

Connections (xx)

RF Raised face (std.)
FF Flat finish


REDUCED BORE

		1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)		107,9	4,25	117,5	4,63	127,0	5,00	165,1	6,50	203,2	8,00
Ha (mm/in)		186	7,32	189	7,44	203	7,99	283	11,14	314	12,36
VI (mm/in)		90	3,54	90	3,54	100	3,94	140	5,51	140	5,51
Pf (mm/in)		9	0,35	12,5	0,49	17,5	0,69	28 ⁽⁴⁾	1,10	32 ⁽⁵⁾	1,26
Wt. (kg/lb)		3,1	6,8	4	8,8	5,7	12,5	10,6	23,3	15,4	33,9
Catal. no.		R352/15xx		R353/15xx		R354/15xx		R356/15xx		R357/15xx	

FULL BORE

		1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)		107,9	4,25	117,5	4,63	127,0	5,00	165,1	6,50	203,2	8,00
Ha (mm/in)		188	7,40	192	7,56	207	8,15	283	11,14	314	12,36
VI (mm/in)		90	3,54	100	3,94	120	4,72	140	5,51	200	7,87
Pf (mm/in)		12,5	0,49	17,5	0,69	22,5	0,89	32	1,26	38	1,57
Wt. (kg/lb)		3	6,6	3,9	8,6	5,6	12,3	10,6	23,3	15,8	34,8
Catal. no.		F312/15xx		F313/15xx		F314/15xx		F316/15xx		F317/15xx	

1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) Flanges & face-to-face dimensions on page 74,75

4) Pf = 29,5 with integral stellited seat
5) Pf = 35 with integral stellited seat

Ratings (ASTM A105)

 300 p.s.i. @ 850°F
 740 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)

Body - 1125 p.s.i.

Seat - 825 p.s.i.

Air under water:

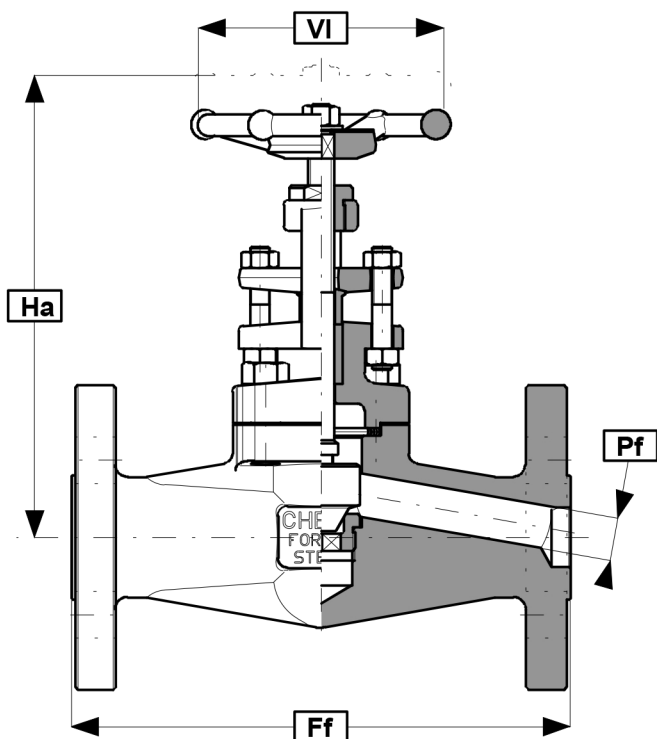
Seat - 85 p.s.i.

Standards

Construction	BS 5352
Flanged	ASME B16.5, ASME B16.10
Test	BS 6755 (Pt.1)

Connections (xx)

RF Raised face (std.)	LF Large female
RJ Ring joint	LG Large groove
SF Small female	LM Large male
SG Small groove	LT Large tongue
SM Small male	
ST Small tongue	


REDUCED BORE

		1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)		152,4	5,98	177,8	7,00	203,2	8,00		228,6	9,00	266,7	10,50
Ha (mm/in)		152	5,98	159	6,26	182	7,17		283	11,14	306	12,05
VI (mm/in)		90	3,54	90	3,54	100	3,94		140	5,51	140	5,51
Pf (mm/in)		9	0,35	12,5	0,49	17,5	0,69		28 ⁽⁴⁾	1,10	32 ⁽⁵⁾	1,26
Wt. (kg/lb)		3,4	7,5	4,8	10,6	7,0	15,4		14,2	31,2	17,4	38,3
Catal. no.		R352/30xx		R353/30xx		R354/30xx			R356/30xx		R357/30xx	

FULL BORE

		1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)		152,4	5,98	177,8	7,00	203,2	8,00		228,6	9,00	266,7	10,50
Ha (mm/in)		152	5,98	159	6,26	182	7,17		283	11,14	306	12,05
VI (mm/in)		90	3,54	100	3,94	120	4,72		140	5,51	200	7,87
Pf (mm/in)		13	0,51	17,5	0,69	22,5	0,89		34	1,34	45	1,77
Wt. (kg/lb)		3,4	7,5	4,8	10,6	7,0	15,4		14,2	31,2	17,4	38,3
Catal. no.		F312/30xx		F313/30xx		F314/30xx			F316/30xx		F317/30xx	

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) Flanges & face-to-face dimensions on page 74,75

4) Pf = 29,5 with integral stellited seat
 5) Pf = 35 with integral stellited seat

Ratings (ASTM A105)

600 p.s.i. @ 850°F
1480 p.s.i. @ 100°F

Test pressure (ASTM A105)

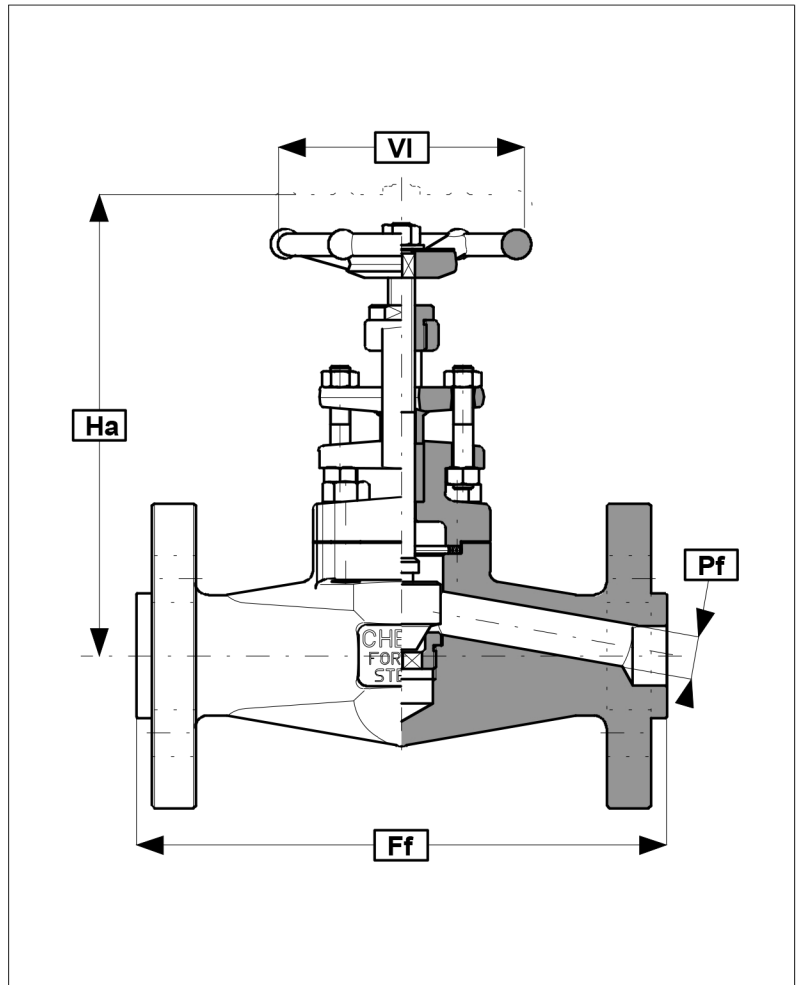
Hydraulic:(minimum)
Body - 2225 p.s.i.
Seat - 1650 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5352
Flanged ASME B16.5, ASME B16.10
Test BS 6755 (Pt.1)

Connections (xx)

RF Raised face (std.)	LF Large female
RJ Ring joint	LG Large groove
SF Small female	LM Large male
SG Small groove	LT Large tongue
SM Small male	
ST Small tongue	


REDUCED BORE

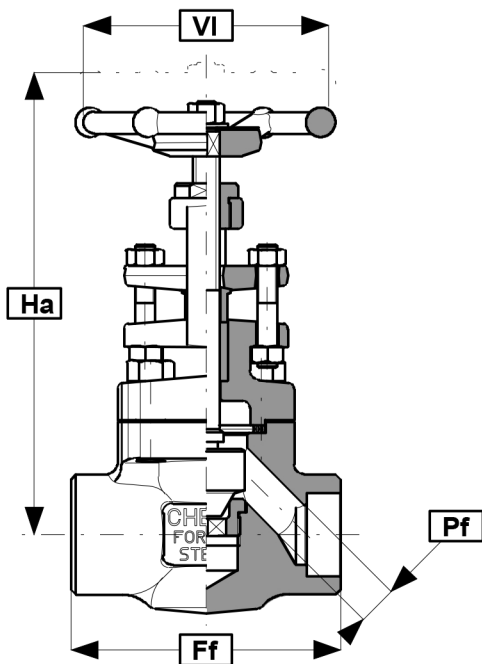
	1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)	165,1	6,50	190,5	7,50	215,9	8,50	241,3	9,50	292,1	11,50
Ha (mm/in)	152	5,98	159	6,26	182	7,17	283	11,14	306	12,05
VI (mm/in)	90	3,54	90	3,54	100	3,94	140	5,51	140	5,51
Pf (mm/in)	9	0,35	12,5	0,49	17,5	0,69	28 ⁽⁴⁾	1,10	32 ⁽⁵⁾	1,26
Wt. (kg/lb)	3,6	7,9	5,1	11,2	7,8	17,2	14,2	31,2	19,4	42,7
Catal. no.	R352/60xx		R353/60xx		R354/60xx		R356/60xx		R357/60xx	

FULL BORE

	1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)	165,1	6,50	190,5	7,50	215,9	8,50	241,3	9,50	292,1	11,50
Ha (mm/in)	159	6,26	182	7,17	214	8,43	306	12,05	327	12,87
VI (mm/in)	90	3,54	100	3,94	120	4,72	140	5,51	200	7,87
Pf (mm/in)	12	0,47	17,5	0,69	22,5	0,89	34	1,34	45	1,77
Wt. (kg/lb)	3,8	8,4	6,8	15,0	10,3	22,7	17,8	39,2	26,8	59,0
Catal. no.	F312/60xx		F313/60xx		F314/60xx		F316/60xx		F317/60xx	

1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71, 72
3) Flanges & face-to-face dimensions on page 74, 75

4) Pf = 29,5 with integral stellite seat
5) Pf = 35 with integral stellite seat


Ratings (ASTM A105)

 800 p.s.i. @ 850°F
 1975 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic:(minimum)

 Body - 3000 p.s.i.
 Seat - 2175 p.s.i.

Air under water:

Seat - 85 p.s.i.

Standards

Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TS SW/NPT	
TH Threaded NPT	
SE SW (in)/NPT	
SU SW (out)/NPT	
B4 Butt weld 40	

REDUCED BORE

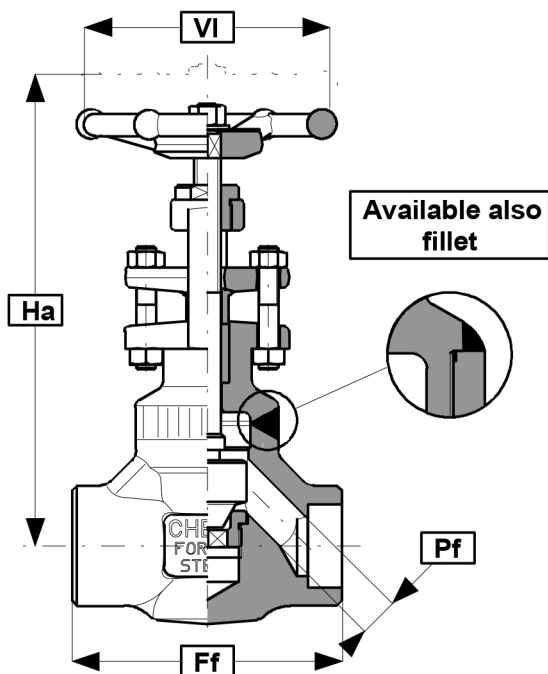
			1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)			80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)			152 5,98	159 6,26	182 7,17	214 8,43	283 11,14	306 12,05
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)			9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)			1,7 3,7	2 4,4	3,2 7,0	5,3 11,7	7,8 17,2	10,6 23,3
Catal. no.			R352/xx	R353/xx	R354/xx	R355/xx	R356/xx	R357/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	150 5,91	152 5,98	159 6,26	182 7,17	214 8,43	283 11,14	306 12,05	327 12,87
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	6 0,24	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	40 ⁽⁶⁾ 1,57
Wt. (kg/lb)	1,8 4,0	1,8 4,0	2,1 4,6	3,3 7,3	5,4 11,9	7,9 17,4	10,7 23,5	16 35,2
Catal. no.	F310/xx	F311/xx	F312/xx	F313/xx	F314/xx	F315/xx	F316/xx	F317/xx

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

4) Pf = 29,5 with integral stellited seat
 5) Pf = 35 with integral stellited seat
 6) Pf = 45 with integral stellited seat


Ratings (ASTM A105)

 800 p.s.i. @ 850°F
 1975 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)

 Body - 3000 p.s.i.
 Seat - 2175 p.s.i.

Air under water:

Seat - 85 p.s.i.

Standards

Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TS Sw/NPT	
TH Threaded NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	

REDUCED BORE

		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)		80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)		153 6,02	158 6,22	179 7,05	220 8,66	250 9,84	274 10,79
VI (mm/in)		90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)		9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)		1,4 3,1	1,6 3,5	3 6,6	4,8 10,6	6,8 15,0	9,4 20,7
Catal. no.		R352WB/xx	R353WB/xx	R354WB/xx	R355WB/xx	R356WB/xx	R357WB/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	150 5,91	153 6,02	158 6,22	179 7,05	220 8,66	250 9,84	274 10,79	327 12,87
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	6,5 0,26	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	38 ⁽⁶⁾ 1,50
Wt. (kg/lb)	1,4 3,1	1,4 3,1	1,6 3,5	3,0 6,6	4,8 10,7	6,8 15,0	9,4 20,7	14,6 32,1
Catal. no.	F310WB/xx	F311WB/xx	F312WB/xx	F313WB/xx	F314WB/xx	F315WB/xx	F316WB/xx	F317WB/xx

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

4) Pf = 29,5 with integral stellited seat
 5) Pf = 35 with integral stellited seat
 6) Pf = 42 with integral stellited seat

Ratings (ASTM A105)

1500 p.s.i. @ 850°F
3705 p.s.i. @ 100°F

Test pressure (ASTM A105)

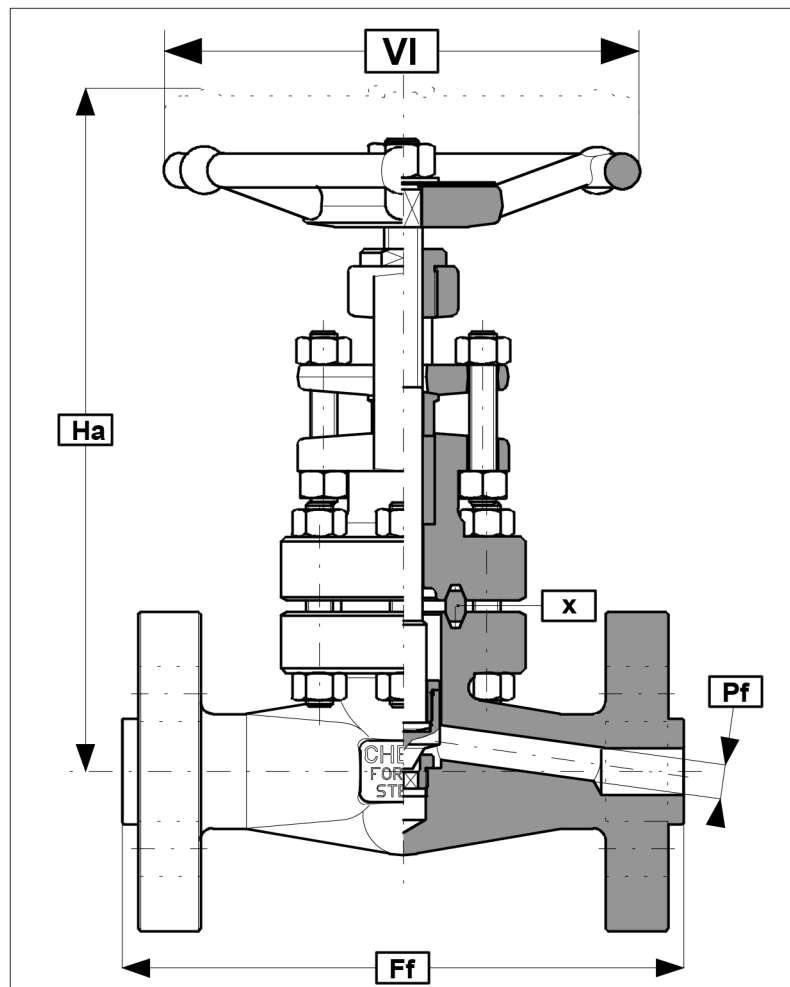
Hydraulic: (minimum)
Body - 5575 p.s.i.
Seat - 4100 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5352
Flanged ASME B16.5, ASME B16.10
Test BS 6755 (Pt.1)

Connections (xx)

RF Raised face (std.)	LF Large female
RJ Ring joint	LG Large groove
SF Small female	LM Large male
SG Small groove	LT Large tongue
SM Small male	
ST Small tongue	

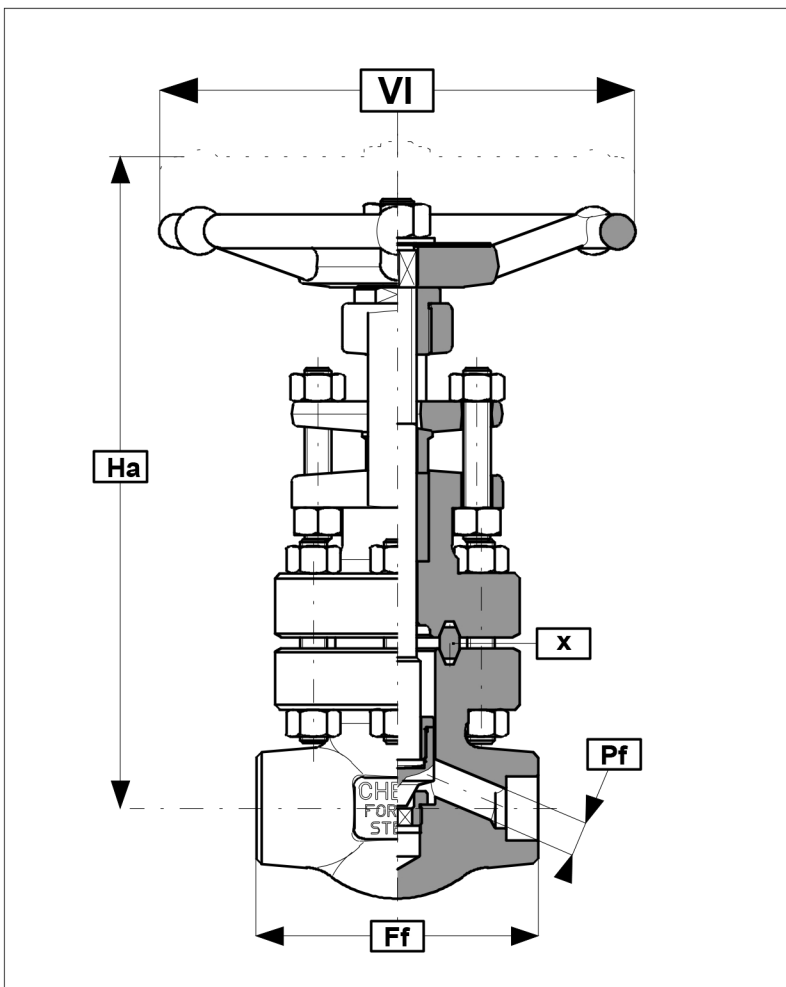


X) Gasket=Spiral wound. RJ gasket available on request.

STANDARD BORE

	1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)	215,9	8,49	228,6	9,00	254,0	10,00	304,8	12,00	368,3	14,50
Ha (mm/in)	218	8,58	274	10,79	286	11,26	427	16,81	433	17,05
VI (mm/in)	120	4,72	175	6,89	175	6,89	260	10,24	260	10,24
Pf (mm/in)	11	0,43	14,5	0,57	19	0,75	31	1,22	37,5	1,48
Wt. (kg/lb)	9,4	20,7	15,2	33,44	17,3	38,1	37,9	83,4	55,2	121,4
Catal. no.	752/150xx		753/150xx		754/150xx		756/150xx		757/150xx	

1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) Flanges & face-to-face dimensions on page 74,75


Ratings (ASTM A105)

 1500 p.s.i. @ 850°F
 3705 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic:(minimum)
 Body - 5575 p.s.i.
 Seat - 4100 p.s.i.
Air under water:
 Seat - 85 p.s.i.

Standards

Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

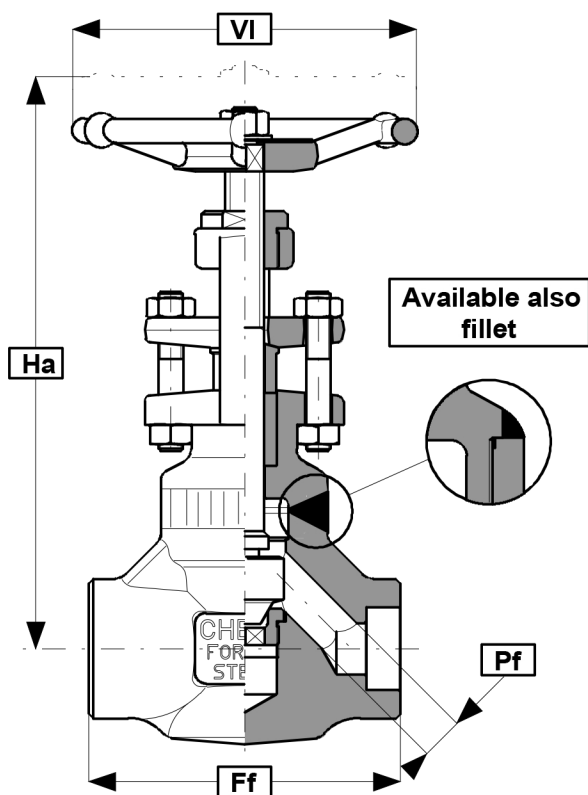
Connections (xx)

SW	Socket weld	B8	Butt weld 80
TH	Threaded NPT		
TS	Sw/NPT		
SE	Sw (in)/NPT		
SU	Sw (out)/NPT		
B6	Butt weld 160		

X) Gasket=Spiral wound.RJ gasket available on request.
STANDARD BORE

		1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)		110	4,33	115	4,53	130	5,12	210	8,27	240	9,45
Ha (mm/in)		218	8,58	274	10,79	286	11,26	427	16,8	433	17,05
VI (mm/in)		120	4,72	175	6,89	175	6,89	260	10,24	260	10,24
Pf (mm/in)		11	0,43	14,5	0,57	19	0,75	31	1,22	37,5	1,48
Wt. (kg/lb)		5,6	12,3	8,0	17,6	9,3	20,5	26,2	57,6	34,5	75,9
Catal. no.		752/xx		753/xx		754/xx		756/xx		757/xx	

1) Standard and alternative valve materials on page 66, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73


Ratings (ASTM A105)

 1500 p.s.i. @ 850°F
 3705 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)

 Body - 5575 p.s.i.
 Seat - 4100 p.s.i.

Air under water:

Seat - 85 p.s.i.

Standards

Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

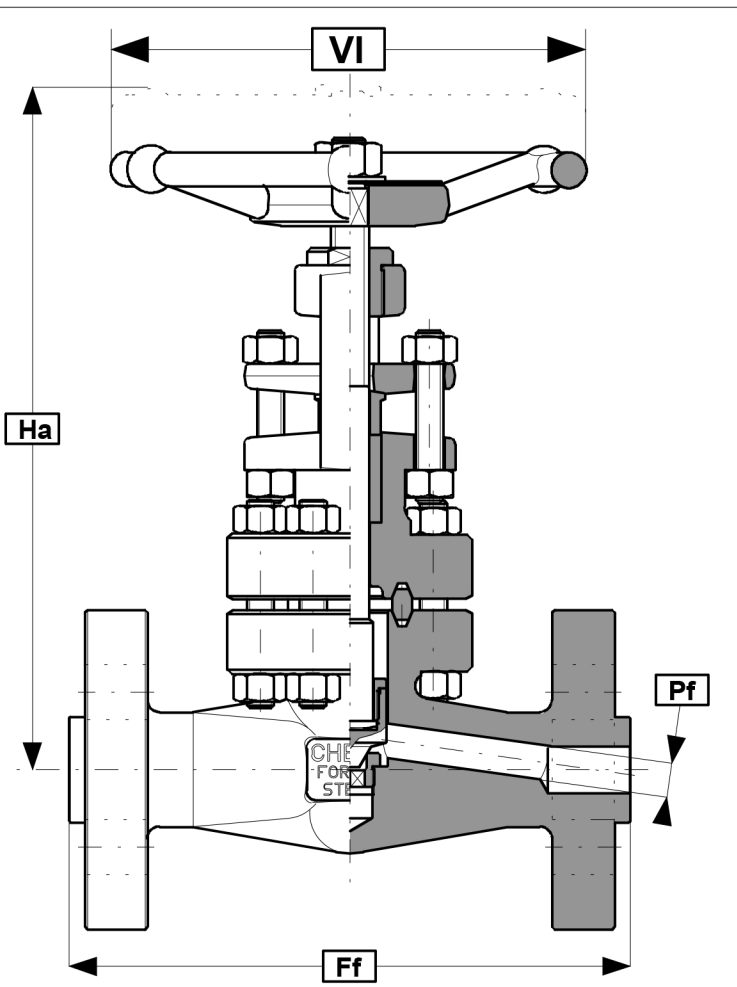
Connections (xx)

SW	Socket weld	B8	Butt weld 80
TH	Threaded NPT		
TS	Sw/NPT		
SE	Sw (in)/NPT		
SU	Sw (out)/NPT		
B6	Butt weld 160		

STANDARD BORE

			1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)			90 3,54	110 4,33	127 5,00					170 6,69	210 8,26		
Ha (mm/in)			203 7,99	227 8,94	233 9,17					310 12,20	402 15,83		
VI (mm/in)			120 4,72	175 6,89	175 6,89					200 7,87	260 10,24		
Pf (mm/in)			11 0,43	14,5 0,57	19 0,75					31 1,22	37,5 1,48		
Wt. (kg/lb)			1,9 4,2	3,3 7,4	5,2 11,4					10,3 22,7	17,8 39,16		
Catal. no.			752WB/xx	753WB/xx	754WB/xx					756WB/xx	757WB/xx		

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73


Ratings (ASTM A105)

 2500 p.s.i. @ 850°F
 6170 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)
 Body - 9275 p.s.i.
 Seat - 6800 p.s.i.
Air under water:
 Seat - 85 p.s.i.

Standards
Construction *founded on* ASME B16.34
Flanged ASME B16.5, ASME B16.10
Test API 598-ASME B16.34

Connections (xx)

RF	Raised face (std.)	LF	Large female
RJ	Ring joint	LG	Large groove
SF	Small female	LM	Large male
SG	Small groove	LT	Large tongue
SM	Small male		
ST	Small tongue		

STANDARD BORE

		1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)		263,5	10,37	273,0	10,75	308,0	12,13	384,2	15,13	450,8	17,15
Ha (mm/in)		218	8,58	274	10,79	286	11,26	427	16,81	433	17,05
VI (mm/in)		140	5,51	200	7,87	200	7,87	260	10,24	350	13,77
Pf (mm/in)		10	0,39	13	0,51	18	0,71	25	0,98	34	1,33
Wt. (kg/lb)		9,6	21,1	15,4	33,9	17,4	38,3	38,5	84,7	55,9	123,0
Catal. no.		1152/250xx		1153/250xx		1154/250xx		1156/250xx		1157/250xx	

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70,71,72
 3) Flanges & face-to-face dimensions on page 74,75

Ratings (ASTM A105)

2500 p.s.i. @ 850°F
6170 p.s.i. @ 100°F

Test pressure (ASTM A105)

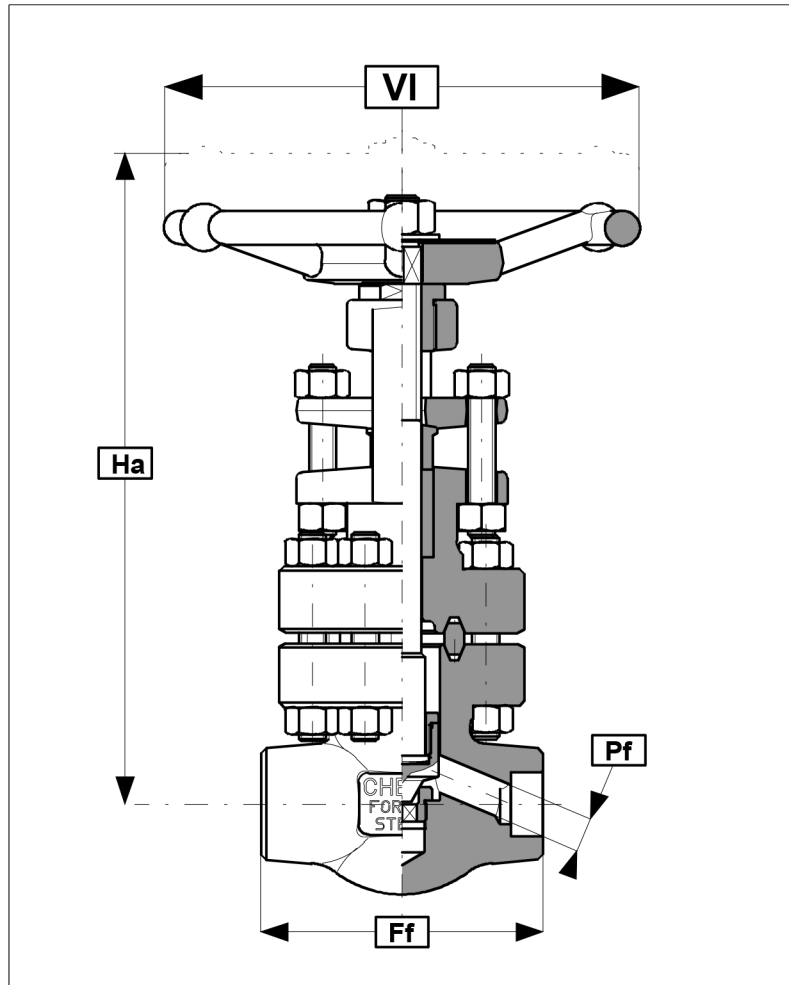
Hydraulic: (minimum)
Body - 9275 p.s.i.
Seat - 6800 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction *founded on ASME B16.34*
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test API 598-ASME B16.34

Connections (xx)

SW Socket weld	BX Butt weld XXS
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B6 Butt weld 160	


STANDARD BORE

			1/2"	3/4"	1"		1.1/2"	2"
Ff (mm/in)			110 4,33	115 4,52	130 5,12		210 8,27	240 9,45
Ha (mm/in)			218 8,58	260 10,24	268 10,55		427 16,81	433 17,05
VI (mm/in)			140 5,51	200 7,87	200 7,87		260 10,24	350 13,77
Pf (mm/in)			10 0,39	13 0,51	18 0,71		25 0,98	34 1,33
Wt. (kg/lb)			5,8 13,0	8,3 18,3	9,7 21,3		26,8 59,0	35,3 77,7
Catal. no.			1152/xx	1153/xx	1154/xx		1156/xx	1157/xx

1) Standard and alternative valve materials on page 67, type A
2) Complete Pressure-Temperature ratings on page 68, 69, 70,71,72
3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)

2500 p.s.i. @ 850°F
6170 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)

Body - 9275 p.s.i.
Seat - 6800 p.s.i.

Air under water:

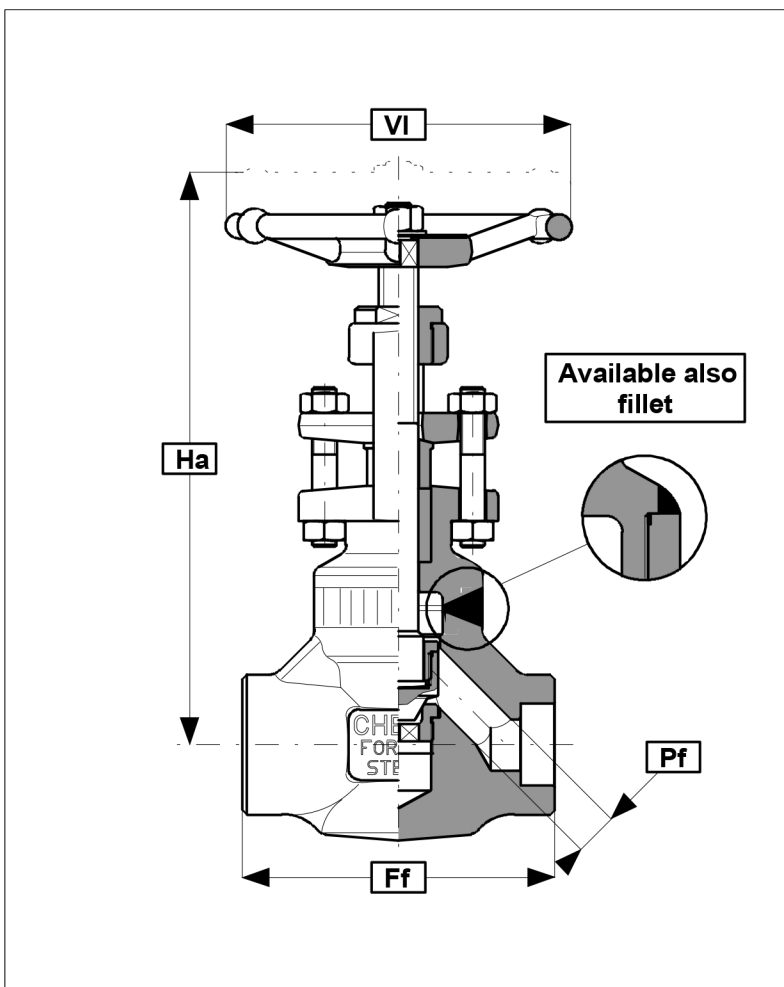
Seat - 85 p.s.i.

Standards

Construction *founded on ASME B16.34*
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test *API 598-ASME B16.34*

Connections (xx)

SW Socket weld	BX Butt weld XXS
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B6 Butt weld 160	


STANDARD BORE

		1/2"		3/4"		1"		1.1/2"		2"	
Ff (mm/in)		110	4,33	127	4,33	155	6,10	210	8,27	240	9,45
Ha (mm/in)		209	8,22	238	9,37	257	10,11	386	15,20	407	16,02
VI (mm/in)		140	5,51	200	7,87	200	7,87	260	10,24	350	13,78
Pf (mm/in)		10	0,39	13	0,51	18	0,71	25	0,98	34	1,33
Wt. (kg/lb)		2,5	5,5	4,1	9,0	6,2	13,6	11,8	26,0	28	61,6
Catal. no.		1152WB/xx		1153WB/xx		1154WB/xx		1156WB/xx		1157WB/xx	

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)

4010 p.s.i. @ 850°F
11110 p.s.i. @ 100°F

Test pressure (ASTM A105)
Hydraulic: (minimum)

Body - 16650 p.s.i.
Seat - 12210 p.s.i.

Air under water:

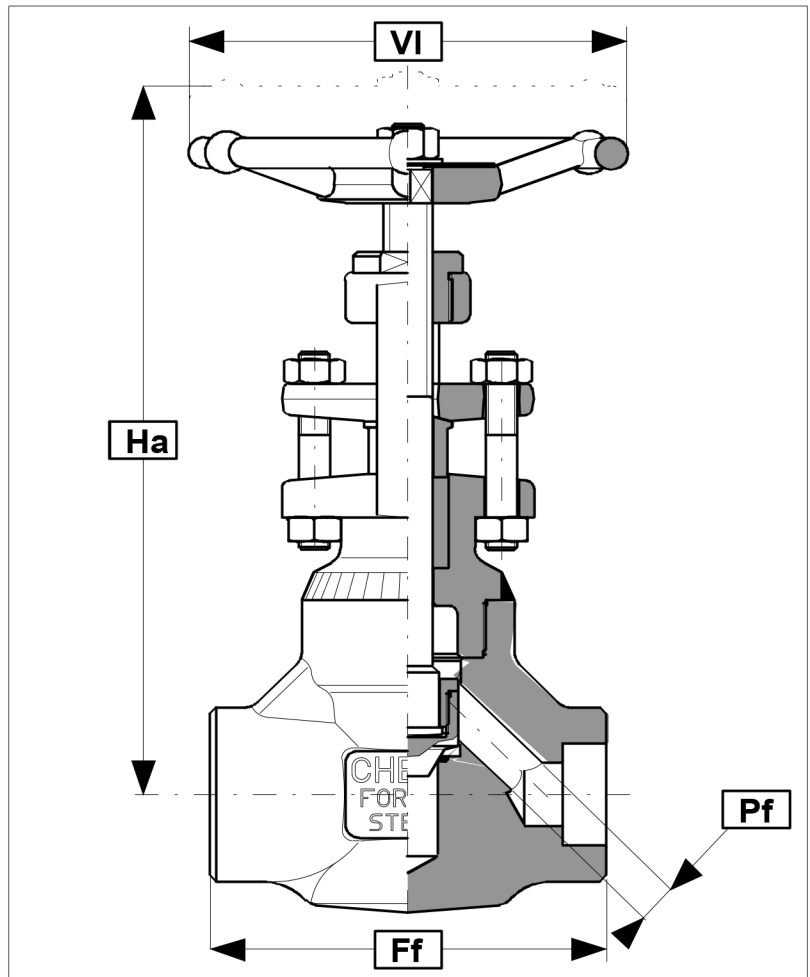
Seat - 85 p.s.i.

Standards

Construction	ASME B16.34
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	API 598-ASME B16.34

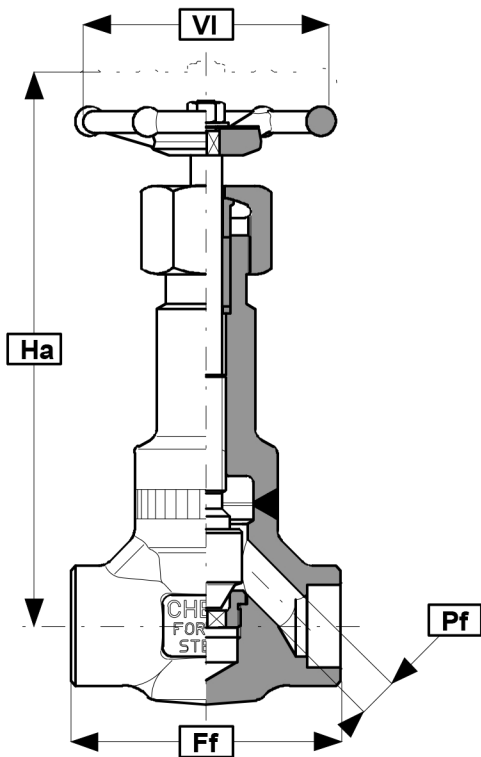
Connections (xx)

SW Socket weld	BX Butt weld XXS
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B6 Butt weld 160	


STANDARD BORE

			1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)			127	5,00	155	6,10	170	6,69		240	9,45	240	9,45
Ha (mm/in)			230	9,06	277	10,90	335	13,18		431	16,97	450	17,72
VI (mm/in)			175	6,89	200	7,87	260	10,24		350	13,78	350	13,78
Pf (mm/in)			7	0,28	11	0,43	14	0,55		25	0,98	30	1,18
Wt. (kg/lb)			4,1	9,0	6,2	13,6	11,8	26,0		28,0	61,6	42	92,4
Catal. no.			2152WB/xx		2153WB/xx		2154WB/xx			2156WB/xx		2157WB/xx	

1) Standard and alternative valve materials on page 72, type A
2) Complete Pressure-Temperature ratings on page 73 , 74 , 75 , 76 , 77.
3) SW, NPT & BW dimensions on page 78.



Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	

REDUCED BORE

			1/2"		3/4"		1"		1.1/4"		1.1/2"		2"	
Ff (mm/in)			80 3,15	90 3,54	110 4,33	127 6,10	155 6,10	170 6,69						
Ha (mm/in)			162 6,38	189 7,44	222 8,74	250 9,84	278 10,95	314 12,36						
VI (mm/in)			90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51						
Pf (mm/in)			9 0,35	12,5 0,49	17,5 0,69	22,5 0,88	28⁽⁴⁾ 1,10	32⁽⁵⁾ 1,26						
Wt. (kg/lb)			1,5 3,3	1,8 4,0	3,3 7,3	5,5 12,1	8 17,6	10,6 23,3						
Catal. no.			IR352WF/xx	IR353WF/xx	IR354WF/xx	IR355WF/xx	IR356WF/xx	IR357WF/xx						

FULL BORE

Ff (mm/in)														
Ha (mm/in)														
VI (mm/in)														
Pf (mm/in)														
Wt. (kg/lb)														
Catal. no.														

1) Standard and alternative valve materials on page 67, type E
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW & NPT dimensions on page 73

4) Pf = 29,5 with integral stellite seat
5) Pf = 35 with integral stellite seat

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1975 p.s.i. @ 100°F

Test pressure (ASTM A105)

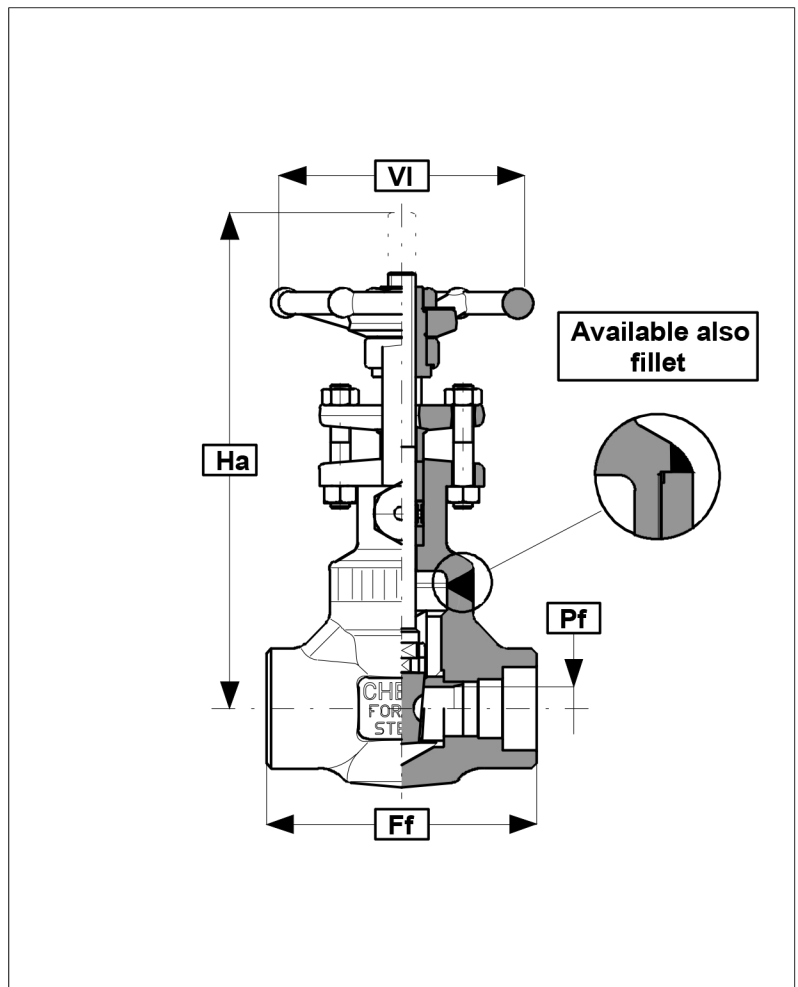
Hydraulic: (minimum)
Body - 3000 p.s.i.
Seat - 2175 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction founded on BS 5352
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test founded on BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	



REDUCED BORE

	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)	163 6,42	168 6,61	191 7,52	240 9,45	262 10,31	288 11,34
VI (mm/in)	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)	9 0,35	12 0,47	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)	1,6 3,5	1,8 4,0	3,3 7,3	5,2 11,44	7,1 15,6	9,9 21,8
Catal. no.	LR352WB/xx	LR353WB/xx	LR354WB/xx	LR355WB/xx	LR356WB/xx	LR357WB/xx

FULL BORE

Ff (mm/in)						
Ha (mm/in)						
VI (mm/in)						
Pf (mm/in)						
Wt. (kg/lb)						
Catal. no.						

1) Standard and alternative valve materials on page 67
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW & NPT dimensions on page 73

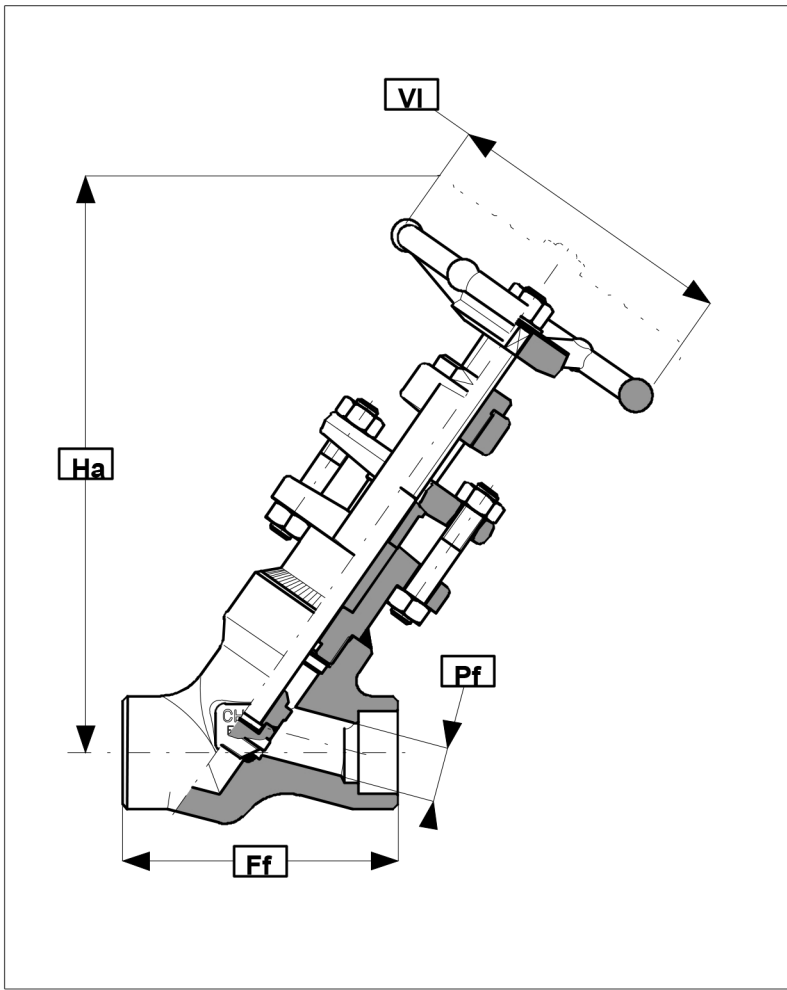
4) Pf = 29,5 with integral stellite seat
5) Pf = 35 with integral stellite seat
6) Available also for Vacuum Service

Ratings (ASTM A105)	
800 p.s.i. @ 850°F	
1975 p.s.i. @ 100°F	

Test pressure (ASTM A105)	
Hydraulic: (minimum)	
Body - 3000 p.s.i.	
Seat - 2175 p.s.i.	
Air under water:	
Seat - 85 p.s.i.	

Standards	
Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

Connections (xx)		
SW Socket weld	B8 Butt weld 80	
TH Threaded NPT		
TS Sw/NPT		
SE Sw (in)/NPT		
SU Sw (out)/NPT		
B4 Butt weld 40		



STANDARD BORE																
	1/4"		3/8"		1/2"		3/4"		1"		1.1/4"		1.1/2"		2"	
Ff (mm/in)	80	3,15	80	3,15	80	3,15	100	3,94	110	4,33	120	4,72	160	6,30	190	7,48
Ha (mm/in)	147	5,79	147	5,79	147	5,79	186	7,32	220	8,66	235	9,25	305	12,01	352	13,86
VI (mm/in)	90	3,54	90	3,54	90	3,54	100	3,94	120	4,72	140	5,51	140	5,51	200	7,87
Pf (mm/in)	8	0,31	9	0,35	12	0,47	18	0,7	22,5	0,89	29,5	1,16	35	1,38	45,5	1,79
Wt. (kg/lb)	2,4	5,3	2,4	5,3	2,4	5,3	3,0	6,6	4,0	8,8	8,0	17,6	10,0	22,0	16,0	35,2
Catal. no.	Y310WB/xx		Y311WB/xx		Y312WB/xx		Y313WB/xx		Y314WB/xx		Y315WB/xx		Y316WB/xx		Y317WB/xx	

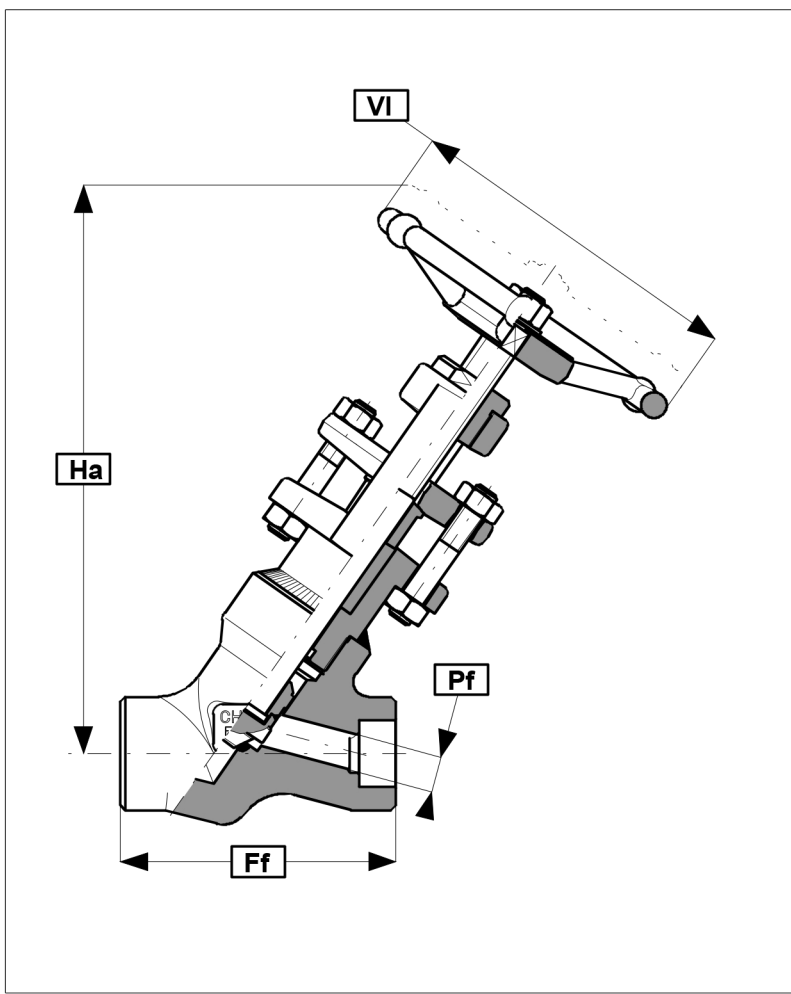
1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)	
1500 p.s.i. @ 850°F	
3705 p.s.i. @ 100°F	

Test pressure (ASTM A105)	
Hydraulic: (minimum)	
Body - 5575 p.s.i.	
Seat - 4100 p.s.i.	
Air under water:	
Seat - 85 p.s.i.	

Standards	
Construction	BS 5352-ASME B16.34
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	BS 6755 (Pt.1)

Connections (xx)		
SW Socket weld	B6 Butt weld 160	
TH Threaded NPT		
TS Sw/NPT		
SE Sw (in)/NPT		
SU Sw (out)/NPT		
B8 Butt weld 80		



STANDARD BORE													
		1/2"		3/4"		1"		1.1/4"		1.1/2"		2"	
Ff (mm/in)		100 3,94		110 4,33		120 4,72		160 6,30		190 7,48		190 7,48	
Ha (mm/in)		186 7,32		220 8,66		229 9,02		305 12,01		348 13,70		389 15,31	
VI (mm/in)		120 3,94		175 6,89		175 6,89		200 7,87		200 7,87		260 10,24	
Pf (mm/in)		12 0,47		16 0,63		20 0,79		28 1,10		32 1,26		43 1,69	
Wt. (kg/lb)		3,0 6,6		4,0 8,8		7,0 15,4		10,5 23,1		15,0 33,0		19,0 41,0	
Catal. no.		Y752WB/xx		Y753WB/xx		Y754WB/xx		Y755WB/xx		Y756WB/xx		Y757WB/xx	

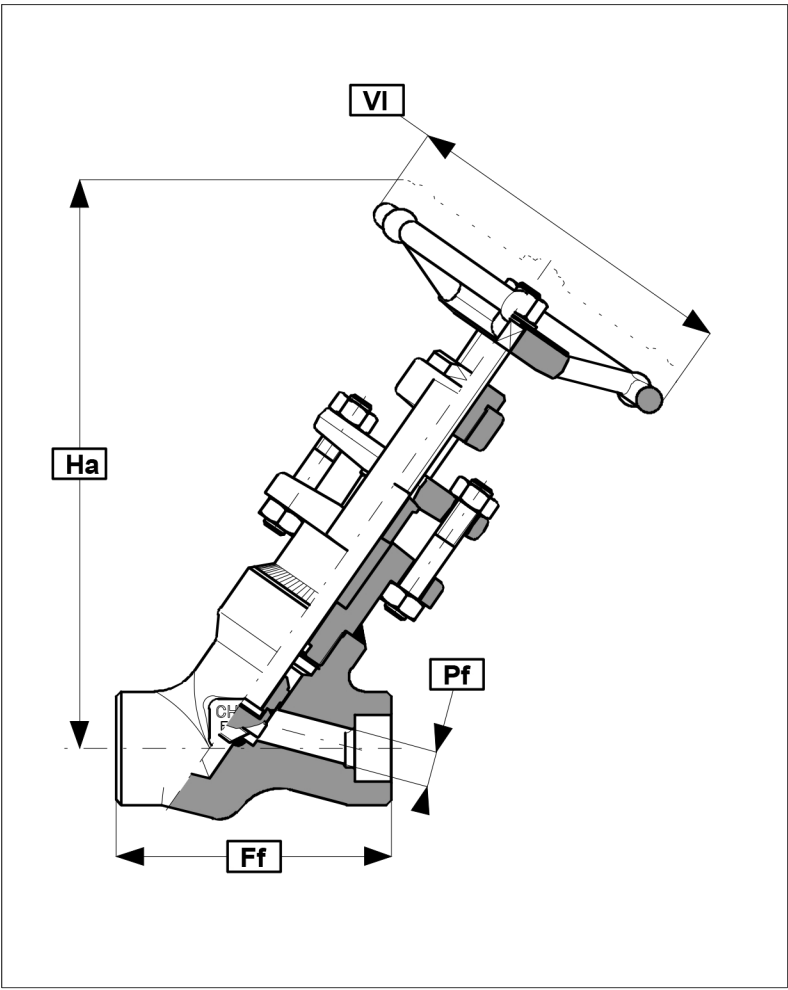
1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)	
2500 p.s.i. @ 850°F	
6170 p.s.i. @ 100°F	

Test pressure (ASTM A105)	
Hydraulic: (minimum)	
Body - 9275 p.s.i.	
Seat - 6800 p.s.i.	
Air under water:	
Seat - 85 p.s.i.	

Standards	
Construction	<i>founded on ASME B16.34</i>
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Butt weld	ASME B16.25
Test	<i>founded on API 598-ASME B16.34</i>

Connections (xx)		
SW Socket weld	BX Butt weld XXS	
TH Threaded NPT		
TS Sw/NPT		
SE Sw (in)/NPT		
SU Sw (out)/NPT		
B6 But weld 160		



STANDARD BORE								
			1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)			110 4,33	120 4,72	120 4,72	190 7,48	190 7,48	210 8,27
Ha (mm/in)			217 8,54	276 10,87	276 10,87	388 15,28	388 15,28	402 15,83
VI (mm/in)			140 5,51	200 7,87	200 7,87	260 10,24	260 10,24	350 13,78
Pf (mm/in)			10 0,39	13 0,51	18 0,71	24 0,94	28 1,10	35 1,38
Wt. (kg/lb)			4,0 8,8	5,0 11,0	11,0 24,2	11,0 24,2	17,0 37,4	23,0 50,6
Catal. no.			Y1152WB/xx	Y1153WB/xx	Y1154WB/xx	Y1155WB/xx	Y1156WB/xx	Y1157WB/xx

1) Standard and alternative valve materials on page 67, type A
 2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
 3) SW, NPT & BW dimensions on page 73

Ratings (ASTM A105)

4010 p.s.i. @ 850°F
11110 p.s.i. @ 100°F

Test pressure (ASTM A105)

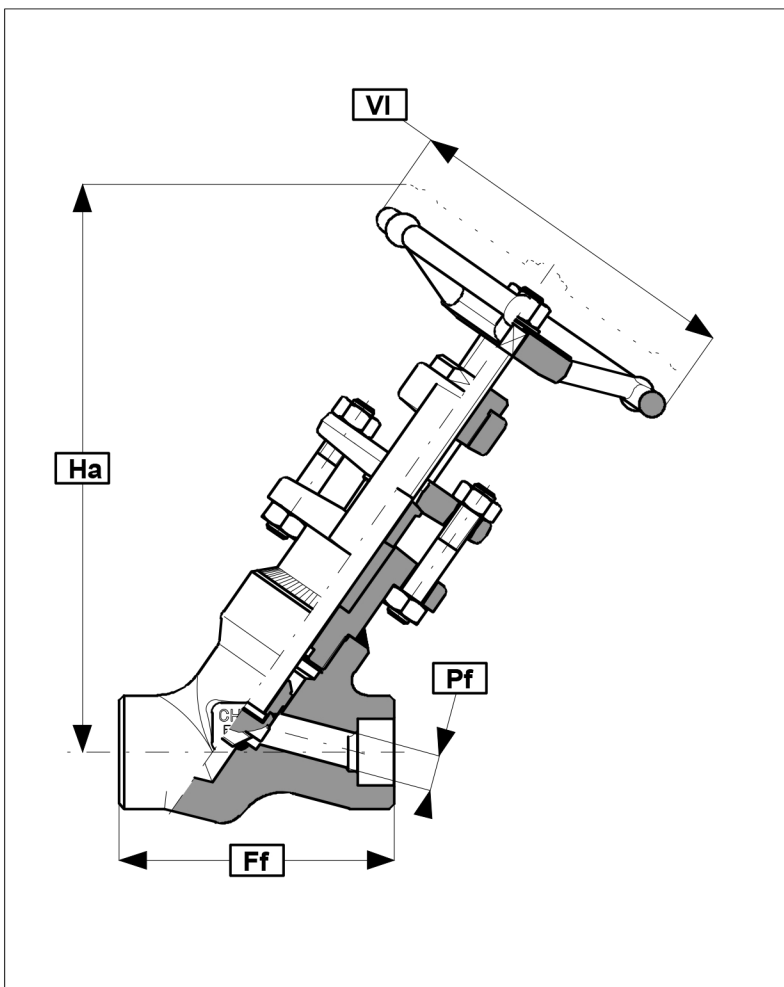
Hydraulic: (minimum)
Body - 16650 p.s.i.
Seat - 12210 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction ASME B16.34
Socket weld ASME B16.11
Threaded ASME B1.20.1
Butt weld ASME B16.25
Test API 598-ASME B16.34

Connections (xx)

SW Socket weld	BX Butt weld XXS
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B6 But weld 160	



STANDARD BORE

			1/2"		3/4"		1"			1.1/2"		2"	
Ff (mm/in)			120	4,72	160	6,30	190	7,48		210	8,27	230	9,06
Ha (mm/in)			243	9,57	322	12,67	378	14,88		452	17,79	520	20,47
VI (mm/in)			175	7,87	200	7,87	260	10,24		350	13,78	350	13,78
Pf (mm/in)			7	0,28	11	0,43	14	0,55		25	0,98	30	1,18
Wt. (kg/lb)			7,0	15,4	8,4	18,5	14,6	37,1		23,0	50,6	42,0	97,4
Catal. no.			Y2152WB/xx		Y2153WB/xx		Y2154WB/xx			Y2156WB/xx		Y2157WB/xx	

1) Standard and alternative valve materials on page 72, type A
2) Complete Pressure-Temperature ratings on page 73, 74, 75, 76, 77.
3) SW, NPT & BW dimensions on page 78.

Ratings (ASTM A105)

800 p.s.i. @ 850°F
1440 p.s.i. @ 100°F

Test pressure (ASTM A105)

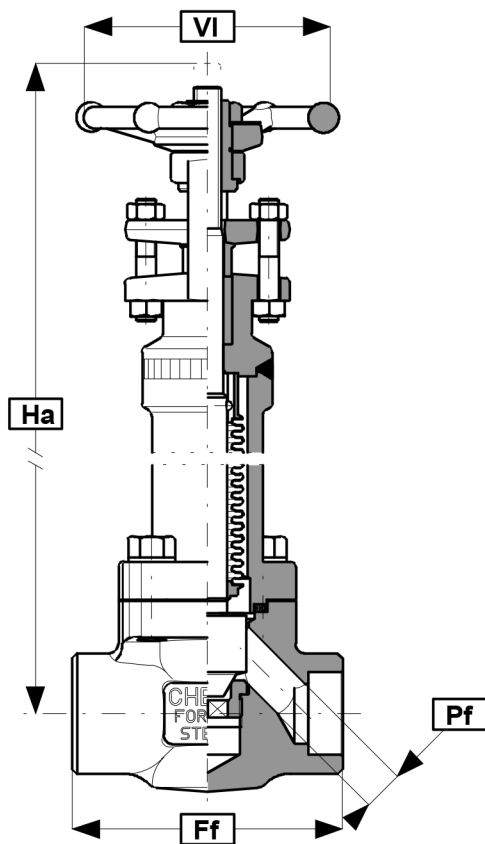
Hydraulic: (minimum)
Body - 2180 p.s.i.
Seat - 1495 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction BS 5253
Socket weld ASME B16.11
Threaded ASME B1.20.1
Test BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	



REDUCED BORE

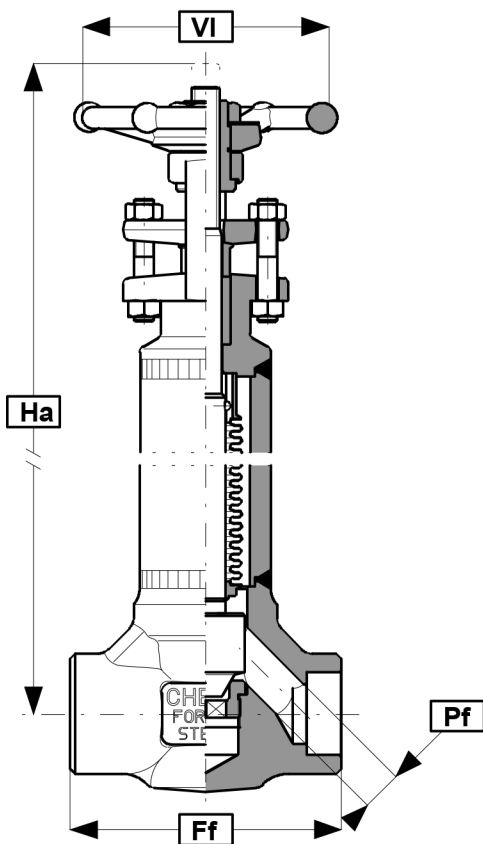
		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)		80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)		234 9,21	243 9,56	290 11,41	320 12,59	363 14,29	389 15,31
VI (mm/in)		90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)		9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)		2,5 5,5	2,8 6,2	5,2 11,4	7,5 16,5	11,4 25,1	15,4 33,9
Catal. no.		SR352B/xx	SR353B/xx	SR354B/xx	SR355B/xx	SR356B/xx	SR357B/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	234 9,21	234 9,21	243 9,56	290 11,41	320 13,04	363 14,29	389 15,31	442 17,40
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	6 0,24	9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	40 ⁽⁶⁾ 1,57
Wt. (kg/lb)	2,6 5,7	2,6 5,7	2,9 6,4	5,3 11,7	7,6 16,7	11,5 25,3	15,5 34,1	23,4 51,5
Catal. no.	SF310B/xx	SF311B/xx	SF312B/xx	SF313B/xx	SF314B/xx	SF315B/xx	SF316B/xx	SF317B/xx

1) Standard and alternative valve materials on page 67, type D
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW & NPT dimensions on page 73
4) Pf = 29,5 with integral stellited seat

5) Pf = 35 with integral stellited seat
6) Pf = 45 with integral stellited seat
7) On request flanged ends can be supplied; body dimensions on page 10,11,12



Ratings (ASTM A105)

800 p.s.i. @ 850°F
1440 p.s.i. @ 100°F

Test pressure (ASTM A105)

Hydraulic: (minimum)
Body - 2180 p.s.i.
Seat - 1495 p.s.i.
Air under water:
Seat - 85 p.s.i.

Standards

Construction	BS 5352
Socket weld	ASME B16.11
Threaded	ASME B1.20.1
Test	BS 6755 (Pt.1)

Connections (xx)

SW Socket weld	B8 Butt weld 80
TH Threaded NPT	
TS Sw/NPT	
SE Sw (in)/NPT	
SU Sw (out)/NPT	
B4 Butt weld 40	

REDUCED BORE

		1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)		80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69
Ha (mm/in)		235 9,25	259 10,20	302 11,89	329 12,95	354 13,94	390 15,35
VI (mm/in)		90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51
Pf (mm/in)		9 0,35	12,5 0,49	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26
Wt. (kg/lb)		2,3 5,1	2,6 5,7	4,3 9,5	6,8 15,0	9,6 21,1	13,8 30,4
Catal. no.		SR352/xx	SR353/xx	SR354/xx	SR355/xx	SR356/xx	SR357/xx

FULL BORE

	1/4"	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"
Ff (mm/in)	80 3,15	80 3,15	90 3,54	110 4,33	127 5,00	155 6,10	170 6,69	210 8,27
Ha (mm/in)	235 9,25	235 9,25	259 10,20	302 11,89	329 12,95	354 13,94	390 15,35	442 17,40
VI (mm/in)	90 3,54	90 3,54	90 3,54	100 3,94	120 4,72	140 5,51	140 5,51	200 7,87
Pf (mm/in)	6 0,24	9 0,35	12,5 0,4	17,5 0,69	22,5 0,89	28 ⁽⁴⁾ 1,10	32 ⁽⁵⁾ 1,26	40 ⁽⁶⁾ 1,57
Wt. (kg/lb)	2,4 5,4	2,4 5,4	2,7 6,1	4,6 10,5	7,3 16,5	10,2 23,1	14,5 32,9	23,4 51,1
Catal. no.	SF310/xx	SF311/xx	SF312/xx	SF313/xx	SF314/xx	SF315/xx	SF316/xx	SF317/xx

1) Standard and alternative valve materials on page 67, type D
2) Complete Pressure-Temperature ratings on page 68, 69, 70, 71,72
3) SW & NPT dimensions on page 73
4) Pf = 29,5 with integral stellited seat

5) Pf = 35 with integral stellited seat
6) Pf = 45 with integral stellited seat