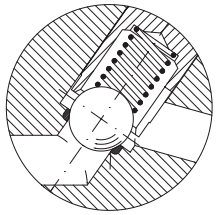
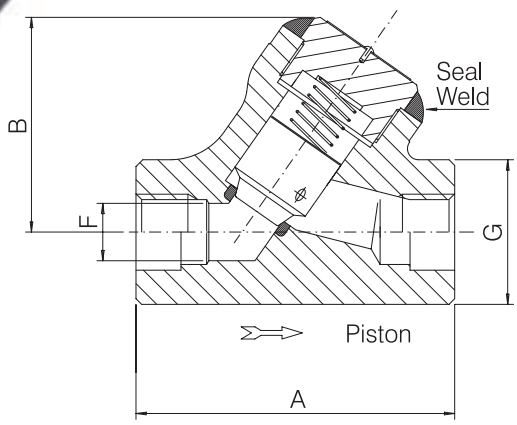
Check Valves- Welded Bonnet- Full Port (Y Type)

BONNEY FORGE

800 Ltd.
1690 Ltd.



Design construction:
ASME B16.34 Limited Class - BS 5352
Testing according to API 598
Marking MSS SP25
Body bonnet weld to ASME IX
Spring on request only
Socket Weld Ends to ASME B16.11
Screwed Ends (NPT) to ASME B1.20.1
Butt Welding Ends to ASME B16.25
Ratings:
- carbon steel class 800 — 2000 psig @ 100°F / 138 bar + 38°C
- carbon steel class 1690 — 4225 psig @ 100°F / 291 bar + 38°C



800 LTD.

FULL PORT – FIG. Y 40 - Y 50									
SIZE	inch / mm	1/4 6	3/8 10	1/2 15	3/4 20	1 25	1 1/4 32	1 1/2 40	2 50
A	inch	3.35	3.35	3.35	4.13	4.72	6.5	6.5	7.48
	mm	85	85	85	105	120	165	165	190
B	inch	2.76	2.76	2.76	3.54	3.93	5.12	5.12	6.3
	mm	70	70	70	90	100	130	130	160
F	inch	.28	.35	.51	.69	.89	1.16	1.38	1.77
	mm	7	9	13	17,5	22,5	29,5	35	45
G	inch	1.50	1.50	1.50	1.89	2.20	3.07	3.07	3.35
	mm	38	38	38	48	56	78	78	85
Weight	lb.	2.5	2.5	2.5	5	6.5	17.5	17.5	26.25
	kg	1,2	1,2	1,2	2,3	3	8	8	12

1690 LTD.

FULL PORT – FIG. 1690Y 40 - 1690Y 50									
SIZE	inch / mm	1/4 6	3/8 10	1/2 15	3/4 20	1 25	1 1/4 32	1 1/2 40	2 50
A	inch	3.35	3.35	4.13	4.72	6.5	6.5	7.48	8.66
	mm	85	85	105	120	165	165	190	220
B	inch	2.76	2.76	3.54	3.93	5.12	5.12	6.3	7.68
	mm	70	70	90	100	130	130	160	195
F	inch	.28	.35	.47	.59	.79	1.06	1.26	1.57
	mm	7	9	12	15	20	27	32	40
G	inch	1.50	1.50	1.89	2.20	3.07	3.07	3.35	3.74
	mm	38	38	48	56	78	78	85	95
Weight	lb.	2.5	2.5	5.25	7.75	20.5	28.5	29.75	39.5
	kg	1,2	1,2	2,4	3,6	9,3	13	13,5	18

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