



# CHECK VALVES- BOLTED BONNET- FULL PORT

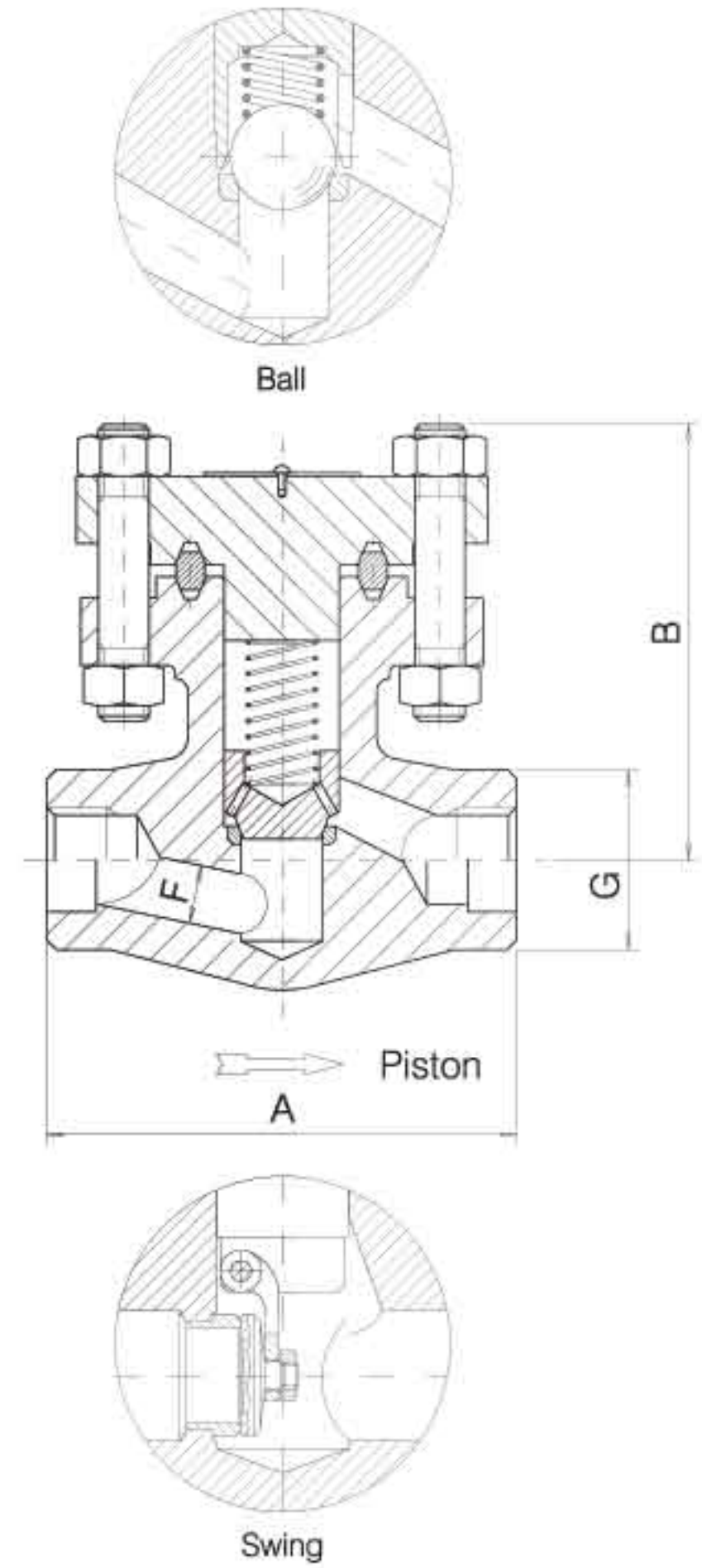
BONNEY FORGE

**1500 LB.**

**2500 LB.**

**Design construction:**

- ASME B16.34 - BS 5352
- Testing according to API 598
- Marking MSS SP25
- Spring on request only
- Oval ring joint gasket
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25
- Ratings standard class:
  - carbon steel class 1500 3705 psig @ 100°F  
255 bar + 38°C
  - carbon steel class 2500 6170 psig @ 100°F  
425 bar + 38°C



FULL PORT - FIG. H9R 40 - H9R 50 - H9R 60						
SIZE	inch	1/2	3/4	1	1 1/2	2
	mm	15	20	25	40	50
A	inch mm	4.33 110	5.91 150	5.91 150	8.27 210	9.06 230
B	inch mm	3.78 96	5.04 128	5.04 128	6.10 155	7.68 195
F Piston/ F Ball	inch mm	.47 12	.59 15	.75 19	1.26 32	1.5 38
F Swing	inch mm	.55 14	.71 18	.94 24	1.44 36.6	1.89 48
G	inch mm	1.5 38	2.17 55	2.17 55	2.95 75	3.62 92
Weight	lb. kg	7 3.2	16 7.3	16 7.3	37.5 17	63.75 29
GASKET		R12	R17	R17	R20	R24

FULL PORT - FIG. 25HR 40 - 25HR 50 - 25HR 60						
SIZE	inch	1/2	3/4	1	1 1/2	2
	mm	15	20	25	40	50
A	inch mm	5.91 150	5.91 150	8.27 210	9.06 230	9.06 230
B	inch mm	5.04 128	5.04 128	5.98 152	7.48 190	7.48 190
F Piston/ F Ball	inch mm	.43 11	.57 14.5	.75 19	1.10 28	1.38 35
F Swing	inch mm	.45 11.5	.59 15	.77 19.5	1.10 28	1.38 35
G	inch mm	2.17 55	2.17 55	2.95 75	3.74 95	3.74 95
Weight	lb. kg	16.5 7.5	16.5 7.5	40.75 18.5	66 30	66 30
GASKET		R16	R16	R17	R20	R20