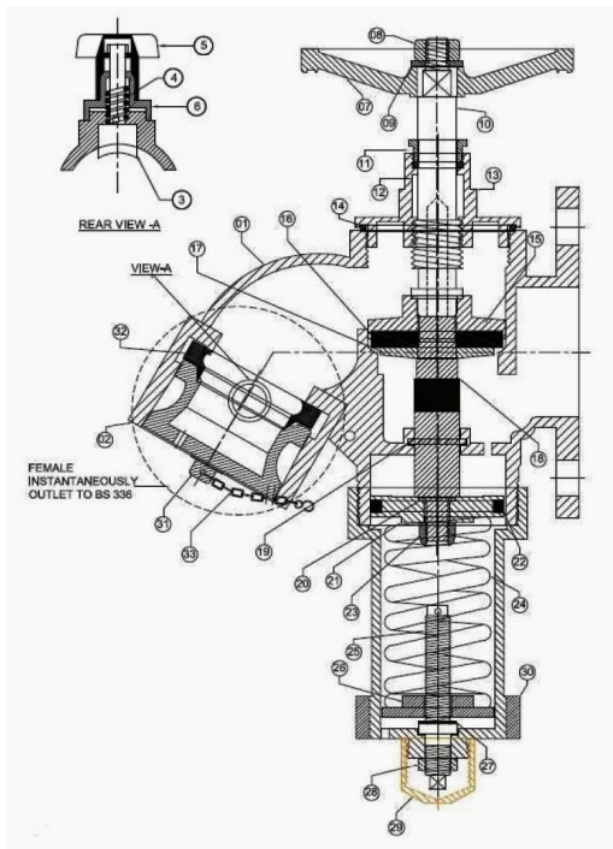


Technical Specification

Model	: GD0240
Brand	: SIBCA
Approval	: BSI - Kitemark
Design Standard	: BS 5041: Part 1
Size	: DN 65 (2.5")
Inlet	: Flange as per BS 4504 PN20
Maximum Working Pressure	: 20 Bar
Test Pressure (Valve Seat)	: 22 Bar
Test Pressure (Body Test)	: 30 Bar
Outlet Pressure	: 250 GPM @ 6.9 Bar
Pressure Regulating	: 4 Bar - 12 Bar



General Assembly Drawing



Material Specification

S.No	Part Name	Material	Specification
1	PRV Body	Copper Alloy	BS 1400 LG 2
2	Female Instantaneous Outlet	Copper Alloy	BS 2874 CZ 121
3	Release Plunger	Copper Alloy	BS 2872 CZ 122
4	Outlet Spring	Spring Steel	
5	Upper Part of Lugs	Copper Alloy	BS 2872 CZ 122
6	Lower Part of Lugs	Copper Alloy	BS 2872 CZ 122
7	Handwheel	Gray Cast Iron	BS 1452 Grade 150
8	Handwheel Nut	Stainless Steel	
9	Handwheel Washer	Stainless Steel	
10	Stem	Copper Alloy	BS 2874 CZ 121
11	Gland	Copper Alloy	BS 2872 CZ 122
12	Gland Rubber Seal	Natural Rubber	BS 1154 Z 70
13	Bonnet	Copper Alloy	BS 2872 CZ 122
14	Bonnet Rubber Seal	Natural Rubber	BS 1154 Z 70
15	Upper Renewable Disc	Copper Alloy	BS 2872 CZ 122
16	Upper Renewable Disc Facing	Natural Rubber	BS 1154 Z 70
17	Renewable Disc Washer	Copper Alloy	BS 2872 CZ 122
18	Upper Stem	Copper Alloy	BS 2874 CZ 121
19	"O" Ring	Natural Rubber	BS 1154 Z 70
20	"O" Ring	Natural Rubber	BS 1154 Z 70
21	Bottom Renewable Disc	Copper Alloy	BS 2872 CZ 122
22	Bottom Renewable Disc Facing	Natural Rubber	BS 1154 Z 70
23	Disc Nut	Stainless Steel	
24	Pressure Regulating Spring	Chrome Vanadium Steel	BS 735 5970 A50
25	Lower Stem	Copper Alloy	BS 2874 CZ 121
26	Adjusting Screw Plate	Copper Alloy	BS 2872 CZ 122
27	"O" Ring	Natural Rubber	BS 1154 Z 70
28	Nut	Copper Alloy	BS 2872 CZ 122
29	Bottom Thread Cap	Copper Alloy	BS 2872 CZ 122
30	Distant Piece	Copper Alloy	BS 1400 LG 2
31	Blank Cap	Copper Alloy	BS 2872 CZ 122
32	Coupling Washer	Natural Rubber	BS 1154 Z 40
33	"S" Hook Chain	MS "s" Hook & Chain	

Note: Subject to change without prior notice due to products optimization