



CRYOGENIC VALVES

G.M. Gun Metal
S.S. Stainless Steel
M.B. Manganese Bronze

FOR GAS
SERVICE

O
40

INDEX OF ILLUSTRATED VALVES & EQUIVALENTS IN VARIOUS MATERIALS

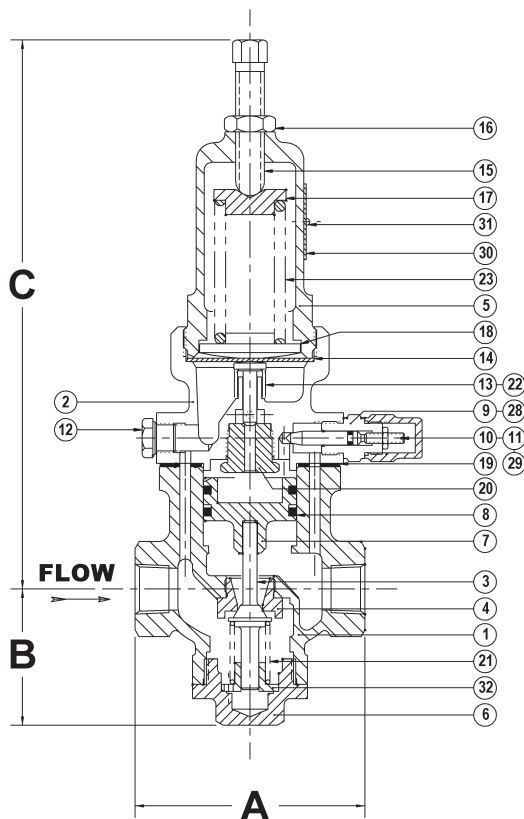
MANUFACTURED IN MATERIALS TO MEET INTERNATIONAL STANDARDS



CRYOGENIC SURPLUS VALVES	End Connections	Body & Cover	Screwed Cover	Bolted Cover	Main Seat Material	Main Valve Material	Pilot Seat & Disc	Diaphragm	Spring	Rating	
										Pressure kPa psi	Temp °C
7038CR GUN METAL	Screwed B.S.P.T	GM		✓	MB	MB	P.T.F.E	Nickel Silver	SS	3450 500	-20°C to +190°C
7038ACR GUN METAL	Screwed N.P.T	Gm		✓	MB	MB	P.T.F.E	Nickel Silver	SS	3450 500	-20°C to +190°C

SIZE (MM)	15	20	25	32	40	50
DIMENSIONS (MM)						
A	100	100	100	150	150	195
B	265	265	265	310	310	320
C	60	60	60	70	70	85
WEIGHT (KGS)	4.7	4.8	5	11	11	17
KVS - VALUE	1.3	2.7	5.2	8.1	10.7	19.4
CV - VALUE	1.5	3.1	6	9.4	12.4	22.4

Bronze body and bolted cover, bronze main seat and valve, P.T.F.E pilot and seat, screwed B.S.P.T female (7038CR) N.P.T (7038ACR)



Parts List.

- | | |
|---------------------|--------------------------|
| 1. Body | 17. Top Spring Pad |
| 2. Cover | 18. Diaphragm Pad |
| 3. Main Valve | 19. Gasket |
| 4. Main Seat | 20. Pilot Valve Seat |
| 5. Spring Cover | 21. Return Spring |
| 6. Bottom Cap | 22. Pilot Valve Spring |
| 7. Piston | 23. Spring |
| 8. Piston Ring | 24. Hex. Plug(not shown) |
| 9. Bush | 25. Hex Bolt (not shown) |
| 10. Release Valve | 26. Hex Nut (not shown) |
| 11. 'O' Ring | 27. Washer (not shown) |
| 12. Hex HD Plug | 28. Cap |
| 13. Pilot Valve | 29. Hex Locknut |
| 14. Diaphragm | 30. Name Plate |
| 15. Adjusting Screw | 31. Drive Pin |
| 16. Hex Locknut | 32. Bush |

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