

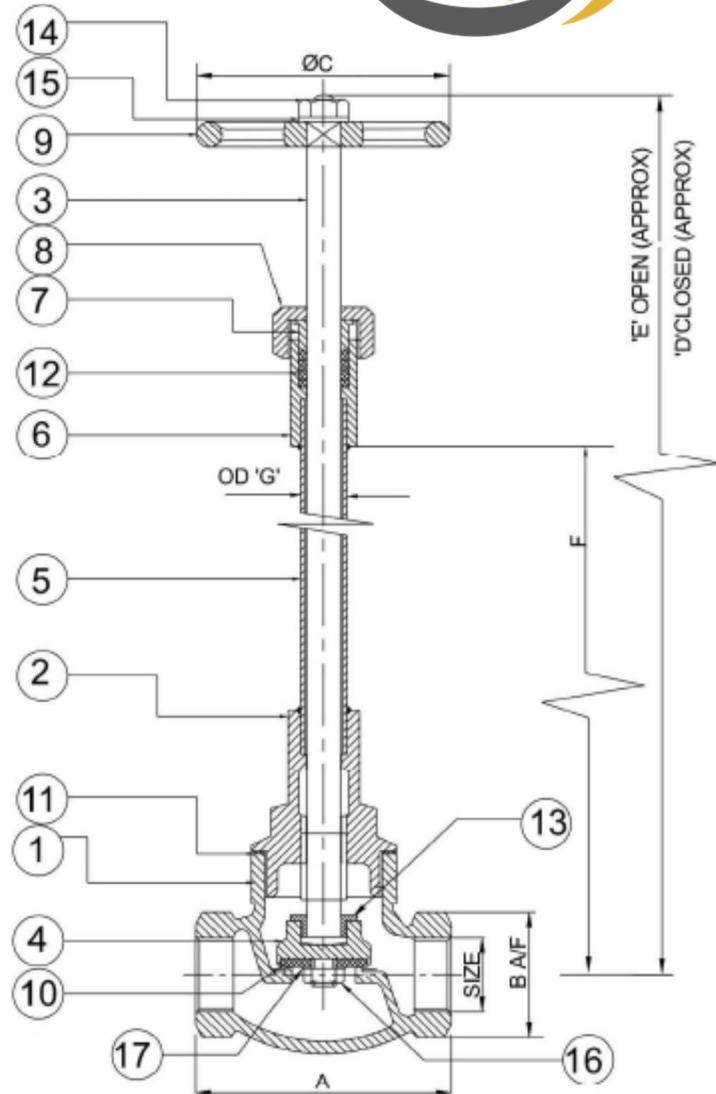
NPT Cryogenic valves



MATERIAL OF CONSTRUCTION

1. BODY	BRONZE GRADE ASTM B 61
2. BONNET	BRONZE GRADE ASTM B 61
3. STEM	STAINLESS STEEL AISI:304
4. DISC HOLDER	STAINLESS STEEL AISI:304
5. EXTENSION TUBE	STAINLESS STEEL AISI:304
6. STUFFING BOX	BRASS IS:319 GR - I / BRONZE IS:318 GRADE LTB 2
7. GLAND (Packing follower)	BRASS IS:319 GR - I
8. GLAND NUT	BRASS IS:319 GR - I / BRONZE IS:318 GRADE LTB 2
9. HANDWHEEL	ALUMINIUM ALLOY/ CAST IRON
10.DISC	PEEK / P.T.F.E.
11.GASKET	P.T.F.E.
12.PACKING	P.T.F.E.
13.DIAPHRAGM NUT	BRASS
14.NUT	STAINLESS STEEL/ BRASS
15.WASHER	STAINLESS STEEL/ BRASS
16.NUT	STAINLESS STEEL/ BRASS
17.WASHER	STAINLESS STEEL/ BRASS

WORKING PRESSURE 10 kg/cm² at -196°C
REF. DESIGN STANDARDS BS-5154, PN 16
TEST PRESSURE SHELL 350 PSIG HYDRAULIC
 150 PSIG PNEUMATIC
SEAT 250 PSIG HYDRAULIC
 150 PSIG PNEUMATIC



Size

DIMENSIONAL DATA

Mm	In	A	B	C	D	E	F	G	Cv
10	3/8	82.5	33	80	358	374	279.5	17.15	6.00
15	1/2	82.5	33	80	358	374	279.5	17.15	6.88
20	3/4	95	37	94	382	401	282.5	19.0	10.21
25	1	101.5	46	94	379	401	289.0	19.0	14.77
32	1.1/4	108	60	114	384	404	279.5	25.4	24.24
40	1.1/2	124	63.5	141	411	436	301.5	25.4	30.68
50	2	146	78	145	429	464	320.0	28.6	45.54