



UNIMECH GROUP, MALAYSIA



A MEMBER OF UNIMECH GROUP, MALAYSIA

GLOBE VALVE FLANGED END JIS 10K

ISO 9001 : 2000



ARV-702FE (J)

The body and bonnet are cast from ductile iron. This rigid and rugged ductile iron valve provides good resistance against crack or fracture from wrenching stress, impact and thermal shock. The swivel disc design prevents grinding action between stainless steel disc and seat and gives good seat alignment to enhance the service life of valve. The heavy duty trapezoidal threads on the stainless steel stem permits quick action and smooth operation with minimum wear. The valve is suitable to use in cold water, hot water, steam and oil media.

Dimensions in mm

SIZES		F	H	L	Dw	D	D1	n - d	WT. (KG)	Cv	TORQUE (Nm)
DN	in.										
15	1/2	85	86	3	70	95	70	+ ϕ 15	1.5	3.6	15
20	3/4	95	94	6	75	100	75	+ ϕ 15	1.9	6.6	16
25	1	110	110	6	90	125	90	+ ϕ 19	3.1	11.0	18
32	1 1/4	130	136	9	100	135	100	+ ϕ 19	4.3	20.0	20
40	1 1/2	150	138	10	105	140	105	+ ϕ 19	5.5	28.0	24
50	2	180	150	20	120	155	120	+ ϕ 19	7.3	48.0	38

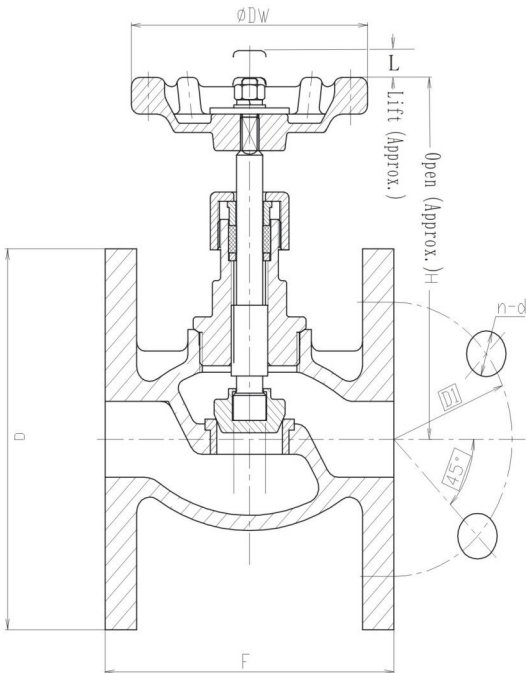
Note : Cv = US Gallon per minutes

Materials

NO	PART	QTY	MATERIAL
1	BODY	1	FCD 450
2	SEAT	1	SUS 416
3	DISC	1	SUS 416
4	STEM	1	SUS 416
5	BONNET	1	FCD 450
6	PACKING BUSH	1	SUS 416
7	GLAND PACKING	1	GRAPHITE
8	GLAND	1	SUS 416
9	CAP	1	FCD 450
10	HAND WHEEL	1	FCD 450
11	INDICATOR PLATE	1	ALUMINUM
12	WASHER	1	CARBON STEEL
13	SPRING WASHER	1	SPRING STEEL
14	NUT	1	CARBON STEEL

Design Standard:

JIS B2002-1987 FACE TO FACE
JIS B 2239 FLANGE



Pressure - Temperature

Temperature °C	-10 -120	150	180	200
Pressure Mpa (kgf/cm ²)	1.40 (14.3)	1.33 (13.6)	1.29 (13.2)	1.26 (12.8)

Pressure - Test

Working Pressure	Hydrostatic Test JIS B2003-1994	
	Body	Seat
14.3 Kgf/cm ²	21.0 Kgf/cm ²	15.7 Kgf/cm ²



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