

ECCENTRIC PLUG VALVE

WORKING PRESSURE 16 Bar or 25 Bar

WORKING TEMPERATURE (EPDM PLUG) -10 C TO 120 C

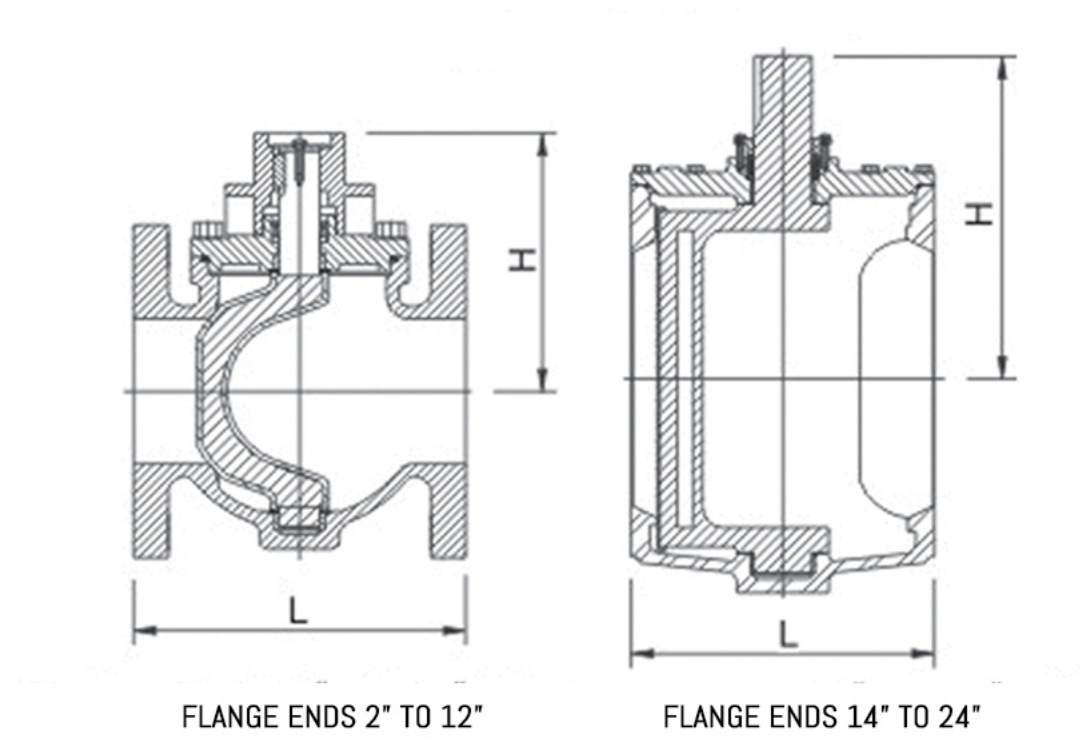
WORKING TEMPERATURE (NBR PLUG) -10 C TO 82 C

JOINTS - FLANGE/MECHANICAL

IMAGES/DRAWING



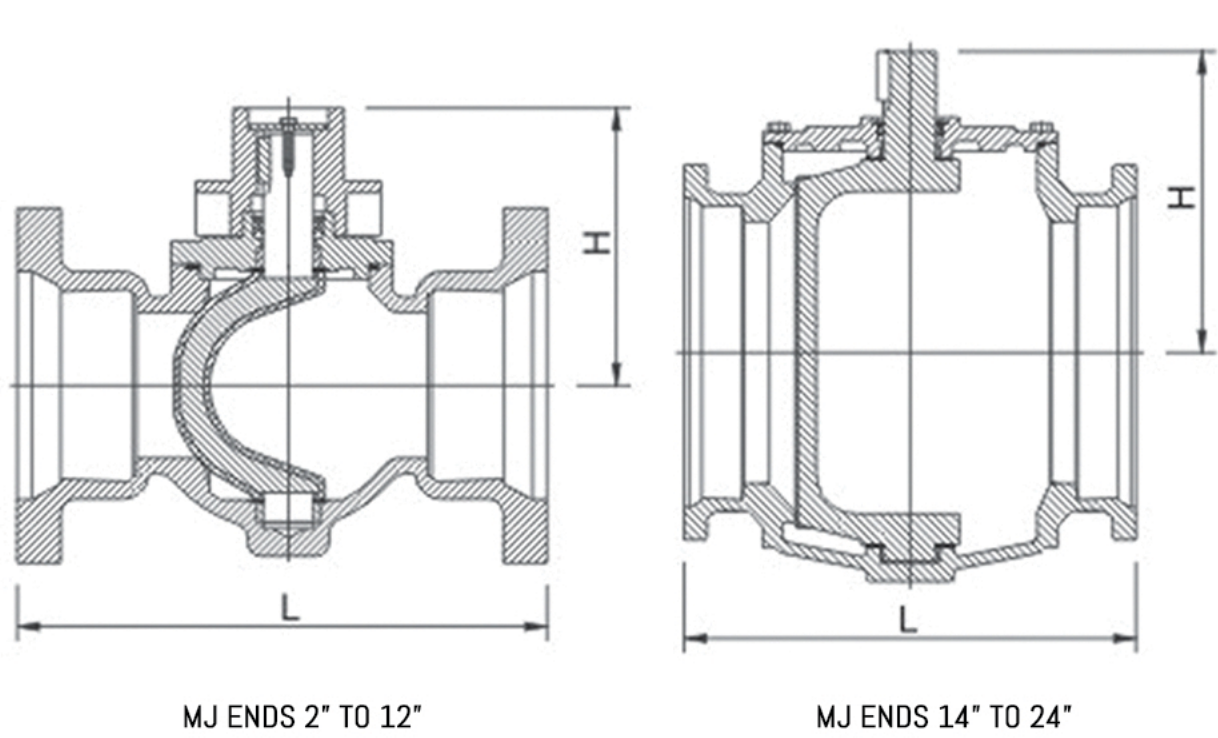
FIG 1105 PN16 / FIG 1106 PN16



DIMENSIONS

Size		2"	2.5"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
L	1105	7	7.5	8	9	10	10.5	11.5	13	14	17	17.75	21.5	23.5	30
	1106	NA	9.5	11.12	12	15	15.88	16.5	18	19.75	18.5	19.38	23.86	25	42.88
H		5.25	6	6	7	7.5	8.5	9	11.5	13	16.6	18.1	20.2	22.3	23.5
W (Kg)		12	13.6	18.1	31.7	52.2	62	86.2	156.5	199.5	240	445	590	751	934

FIG 1605 - MECHANICAL JOINT ENDS



DIMENSIONS

Size	3"	4"	6"	8"	10"	12"	14"	16"	20"	24"
L	11.5	14.25	15.75	17.38	19.37	20.75	24.5	27.25	31	42
H	6	7	8.5	9	11.5	13	16.6	18.1	22.3	23.5
W (Kg)	22.7	36.3	56.7	90.7	163.3	217.7	264	492	831	1030

MATERIALS

PART NAME	Body	Bonnet	Bearing	Thrust Washer	Plug	Torque Collar	V-Packing	Gasket
MATERIAL	Ductile Iron		Stainless Steel	PTFE	DI with EPDM/NBR Coated	Ductile Iron	EPDM/NBR	
ASTM SPEC	A536 65-45-12		ANSI 316	Commercial		A536 65-45-12	Commercial	

APPROVALS



NOTES

- Seat area with welded overlay minimum 90% pure nickel
- Shaft sealed by the multiple V-ring type
- Round plug fully rubber coated up to 12", plugs 14" to 24" have a cylindrical rubber sealed surface.
- Bearings of sintered SS316, oil impregnated, permanently lubricated.
- Available with flanges EN1092-2 PN10 or PN16, ANSI B16, 1 Class125 (Other types available on request).
- With mechanical joint AWWA/ANSI C153/A21. 53-00

TESTING

-  All of our valves are fully tested to International quality and safety standards.

INSPECTIONS

-  All of our valves are subject to a rigorous on-site inspection by an independent company.

INFO

-  All information provided on this datasheet correct as of time of writing.

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KV VALUE

Size	Degrees open														
(mm)	0	10	15	20	30	40	45	50	60	70	75	80	90		
DN50	0		2.78		25.41		48.33		81.4		126.61		165.59		
DN65	0		23.37		56.72		100.35		178.52		286.4		352.25		
DN80	0		7.85		35.01		98.55		169.67		273.44		353.77		
DN100	0		106		161		271		398		585		670		
DN125	0		15.29		94.35		220.84		429.07		741.09		1329.86		
DN150	0		67.28		349.17		637.23		1003.7		1357.98		1373.37		
DN200	0		205.57		463.18		877.54		1301.65		1998.64		2550.23		
DN250	0	265.00		679.63	1120.15	1539.03		2045.60	2600.27	3390.60		5588.18	6267.39		
DN300	0		637.08		1376.43		2609.89		4205.59		6144.54		6951.18		

OPERATING TORQUE (N.M) FIG.1105

Size	At pressure 0 Bar	At pressure 10 Bar	At pressure 16 Bar
DN50	45	50	55
DN65	80	90	105
DN80	120	130	150
DN100	200	275	320
DN125	220	300	370
DN150	300	360	450
DN200	550	700	850
DN250	760	1100	1600
DN300	1000	1480	2000
DN350	1400	2800	4800
DN400	1500	3800	
DN450	2500	6000	