

# Cast Iron Ball Valves

VA-2  
VA-4

## Design Features:

- Low Torque
- Quarter turn operation
- Full bore- minimum Pressure loss
- Blow Out proof stem
- Screwed Female Ends
- Suitable for working temp: -10°C to 200°C

## Conformity to Standard & Codes:

### Design Standard

- BS 5159/ BS 9890

### Face to Face Dimension

- IS 9884

### Threading Standard

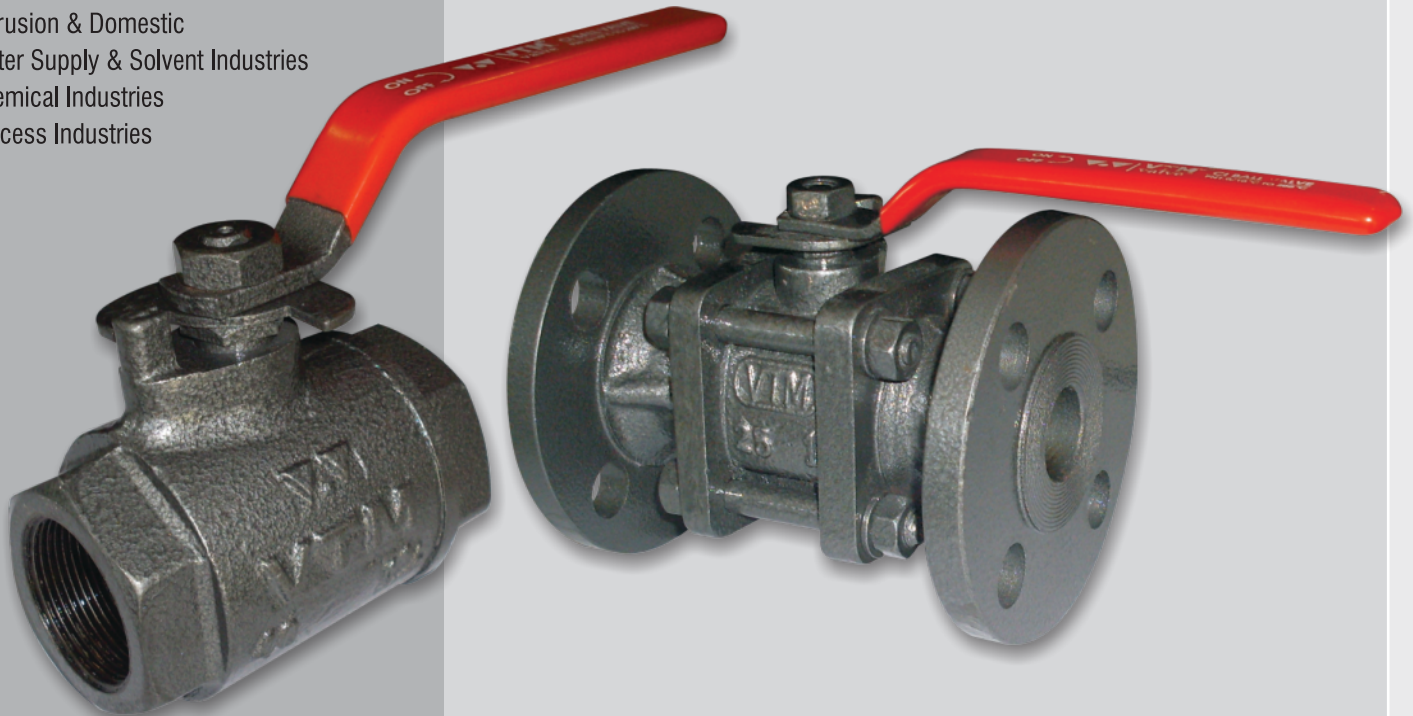
- BS 21/ IS 554/8999

### Testing Standard

- API 598

## Applications

- Extrusion & Domestic
- Water Supply & Solvent Industries
- Chemical Industries
- Process Industries



PIONEERING FLUID CONTROLS

DOC. NO. : VAV-C-1004;REV.01;REV. DATE: 12-11-2014



ISI MARKED  
CM/L No:-9491902

## PART LIST

S.NO.	PART NAME	MATERIAL	SPECIFICATIONS
1.	BODY	GREY CAST IRON	IS 210 GR. FG 200/220
2.	CONNECTOR	GREY CAST IRON	IS 210 GR. FG 200/220
3.	BALL	STAINLESS STEEL	ASTM A276 GR. 202/304/316 ASTM A351 GR. CF8/CF8M
4.	STEM	STAINLESS STEEL	ASTM A276 GR. 410/304/316
5.	SEAT RING & GLAND PACKING	PTFE	BS 6564
6.	GLAND NUT, STOPPER, STUDS/NUTS	CARBON STEEL	ASTM A307 GR. B
7.	LEVER	CARBON STEEL	ASTM A 105
8.	LEVER SLEEVE	PVC	BS 6076

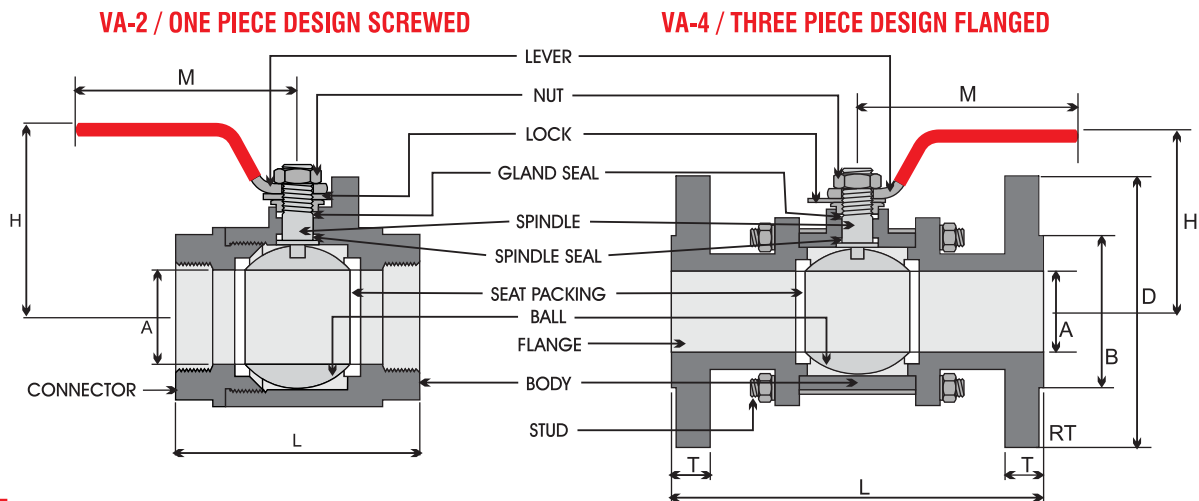
## TEST PRESSURE:

TYPE OF TEST	PRESSURE (KG/CM2)
Hydraulic Body Test	24.0
Hydraulic Seat Test	17.6
Pneumatic Seat Test (Optional)	4-7

## DIMENSIONS:

NOMINAL SIZE		SCREWED ENDS		FLANGED AS PER PN-16						FLANGED AS PER CL 125 / 150						SIZE OF LEVER	
Inches	mm	L	A	L	B	A	D	T	RT	L	B	A	D	T	RT	M	H
1/2"	15	68.50	14	130	45	14	95	14	2	130	35	14	89	10.5	2	135	60.87
3/4"	20	84.00	20	130	58	20	105	16	2	130	43	20	99	10.5	2	152	64.50
1"	25	91.00	24	140	68	24	115	16	2	140	51	24	108	11.2	2	152	70.30
1-1/4"	32	102.00	31	165	78	31	140	18	2	165	64	31	118	12.7	2	165	98.16
1-1/2"	40	120.00	37	165	88	37	150	18	3	165	73	37	127	14.0	2	195	103.16
2"	50	130.00	50	203	102	50	165	20	3	203	92	50	152	15.9	2	195	112.16
2-1/2"	65	153.00	63	222	122	63	185	20	3	222	105	63	178	17.5	2	302	132.25
3"	80	174.00	75	241	138	75	200	22	3	241	127	75	191	19.1	2	302	142.45
4"	100	206.00	100	305	158	100	220	24	3	305	157	100	229	24.0	2	365	166.60
5"	125	-	-	-	188	125	250	26	3	-	186	125	254	24.0	2	520	-
6"	150	-	-	394	212	150	285	26	3	394	216	150	279	25.4	2	520	-

\*All dimensions are in mm unless and otherwise specified.



## GUARANTEE

All valves are guaranteed against any manufacturing defects for a period of 12 months from date of supply, provided the valves have not been misused, damaged or installed for services they are not recommended. The company shall be liable to furnish part / parts thereof or full valve as the company may deem fit.

# V.A. VALVES

ISO 9001-2008 Certified

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Authorized Stockist

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