

2/2-Way Angle Seated OD Based (As Per ASME BPE) Metal Body Valve with Engineering Plastic Hand Wheel. For On-Off Application (Rust Free Design).

DATA SHEET
6212M

SPECIFICATIONS

AVCON Manual Hand Operated Valves. Type 6212M are available in following configurations.

- 1) BS6212MXX6: Spigot Weldable as per ASME BPE.
- 2) BS6212MXX7: Tri-Clamp (ASME BPE)

CONSTRUCTION

Sizes	: 15mm (½") to 50mm (2"). (Now available in 65 & 80mm.)
Body and Bonnet	: Standard-Investment casted SS-ASTM A351 Gr. CF3M, ASTM A351 Gr. CF8M, ASTM A 351Gr. CF8.
Pressure Temp. Rating	: As per ASME B-16.34.
End Connection	: Spigot end (As per ASME BPE). Tri-clamp end (As per ASME BPE)
Seating	: Standard-Soft seat PTFE. Optional-VITON/EPDM/ Buna Nitrile.
Leakage	: As per ANSI FCI-70-2 BN/EPDM/PTFE seating class VI Drop Tight / Bubble Tight.
Trim	: Standard-SS AISI 304, Optional-SS AISI 316.
Stem Packing	: Self adjusting, Spring loaded PTFE packing.
Hand Wheel	: Eng. Plastic PA6 GF 30%.
Characteristic	: On-Off.
Working Fluid Press.	: Refer to table below.
Working Temperature	: On steam-continuous 155°C, Intermittent 180°C, EPDM 135°C, VITON 180°C, PTFE 180°C. (steam).

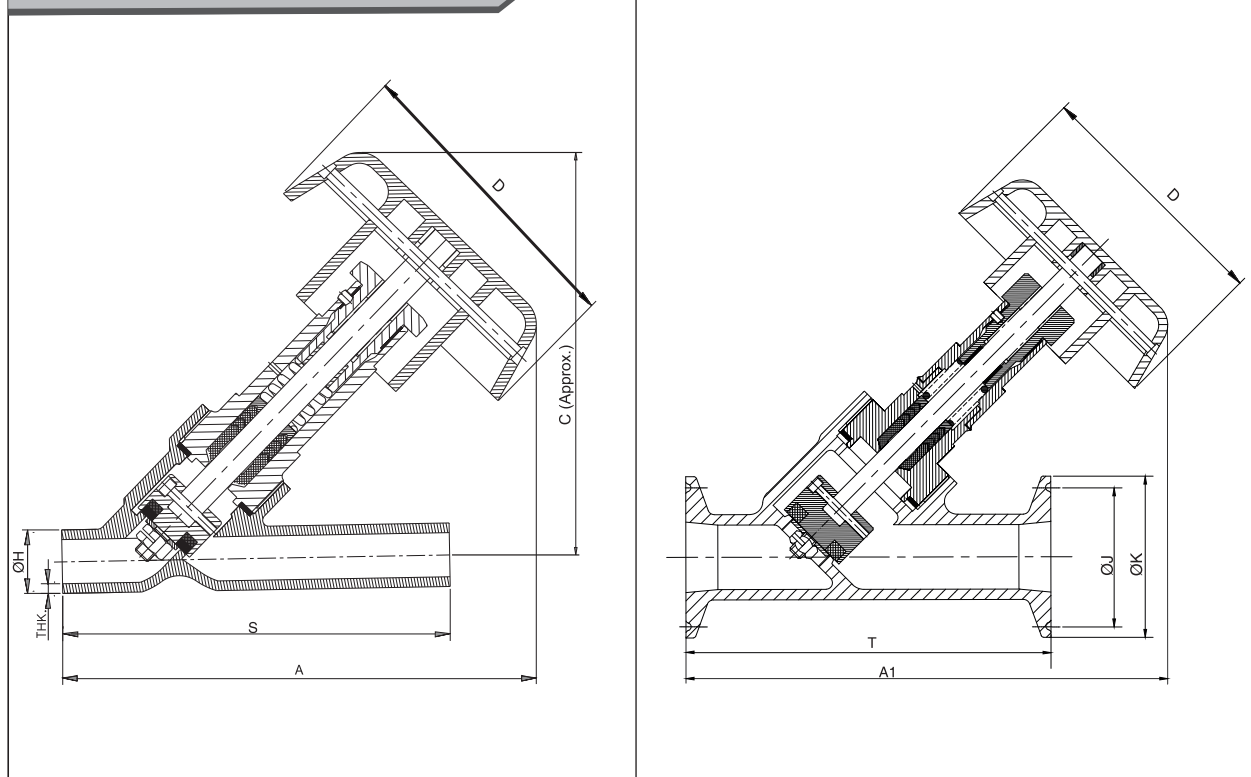
Now available
with
CE/PED



Max. Operating Pressure differential.	: 20kg /cm ² .
Application	: 1. Boiler feed water 2. Heating & cooling system 3. Autoclave. 4. Steam generation & distribution 5. Heat exchange system 6. Drying & cleaning 7. Air & gas control. 8. Filling system. 9. Utility.

SPECIFICATION TABLE

Catalogue Number		Size SPG(M) / TC(M)	Orifice Size	Flow Factor Kv	Maximum Pressure	Body Test Pressure	Weight (Approx.)
		mm	mm	M ³ /hr	bar	bar	Kgs.
BS6212M166	BS6212M167	12.7	16	4.3	20	30	1.100
BS6212M216	BS6212M217	19.05	16	5.4	20	30	1.200
BS6212M266	BS6212M267	25.4	23	13.6	20	30	1.300
BS6212M416	BS6212M417	38.1	34	31.8	20	30	1.500
BS6212M516	BS6212M517	50.8	45	54.8	20	30	1.800

CONSTRUCTION REF. - NO. 559

DIMENSION (IN MM) (SPG / TC)

Model		ØH	THK	S	T	A	A1	C	D	ØJ	ØK
BS6212M166	BS6212M167	12.7	1.65	89	101.6	182	182	141	100	20.32	25
BS6212M216	BS6212M217	19.05	1.65	120	101.6	187	187	156	100	43.64	50.39
BS6212M266	BS6212M267	25.4	1.65	150	114.3	209	209	162	100	43.64	50.39
BS6212M416	BS6212M417	38.1	1.65	160	139.7	265	265	174	100	43.64	50.39
BS6212M516	BS6212M517	50.8	1.65	180	158.7	270	270	208	100	56.34	63.91

NOTE:

- ◆ Hand operated valves are also available in ISO Pipe sizes.
- ◆ End connections are also available in TC, Flanges, Screwed (BSP / BSPT / NPT) on request.

Note:

Technical specifications, details & dimensions are subject to change without prior notice.
Dimensions in the table are approximate subject to final confirmation by AVCON.

WESTERN		
Mumbai Plot No. 65, Road No. 13, MIDC Marol, Andheri (East), Mumbai - 400 093 Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com	Pune Plot No. T - 108, MIDC Bhosari, Pune - 411 026. Maharashtra (INDIA). Tel.No.: 020-2712 0776 / 2712 0540 E-mail : acplmumbai.sales@avconcontrols.com	Baroda 307, Mangaldeep Complex, Sampatraya Colony, Productivity Road, Baroda - 390 005. Tel.No.: 022-6915 6100 / 83909 17431 E-mail : acplmumbai.sales@avconcontrols.com
SOUTHERN		
Chennai 249, First Floor, Tiny Sector Ambattur Industrial Estate, Chennai - 600 058 Tel.No.: 044-4807 4107 / 08393 12809 E-mail : acplmumbai.sales@avconcontrols.com	Hyderabad SSR ENCLAVE, Plot No. 81, Road No.4, Vasanth Nagar, Nizampet X Roads (Near JNTU College Metro Station), Hyderabad - 500085. Tel.No.: 7995086416 E-mail : acplmumbai.sales@avconcontrols.com	Bangalore Tel.No.: 084312 56574 E-mail : acplmumbai.sales@avconcontrols.com

EASTERN	
Kolkata 720, 7th Floor, 33/1, N.S. Road, Marshall House, Kolkata- 700 001. Tel.No.: 033-4068 1180 / 77109 00889 E-mail : acplmumbai.sales@avconcontrols.com	
NORTHERN	
New Delhi Unit No. 708, 7th Floor, 94 Meghdoot, Nehru Place, New Delhi - 110019 Tel.No.: 011-42639736 / 88282 69844 E-mail : acplmumbai.sales@avconcontrols.com	

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Manufactured by:

AVCON CONTROLS PVT. LTD.

Plot No. 65, Road No.13, MIDC Marol,
Andheri (East), Mumbai - 400 093 (INDIA).
Phone : +91-22-6915 6100.

E-mail : avcon@avconcontrols.com
acplmumbai.sales@avconcontrols.com
Website : www.avconcontrols.com