

2/2-Way Angle Seated OD Based (As Per ASME BPE- 2012) 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 end to ASME BPE-2012.

CONSTRUCTION

Sizes	: 15mm (½") to 50mm (2") .
Body and Bonnet	: Standard-Investment casted SS-ASTM A351 CF8 (DIN1.4301) (SS-304). Optional-Investment casted CF8M(SS-316) (DIN1.4408) (GX6 Cr. Ni MO1810).
Pressure Temp. Rating	: As per ASME B-16.34.
End Connection	: Spigot end (As per ASME BPE -2012) .
Seating	: Standard-Soft seat PTFE backed by EPDM. Optional-VITON/EPDM/ Buna Nitrile.
Leakage	: As per ANSI FCI-70-2 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.



Max. Operating Pressure differential.	: 20kg /cm ² .
Application	: For control of air, water, oil, gas, steam in textile, power generation, paper & pulp, chemical, petrochemical industries, PSA nitrogen system, air dryer, gas generator and others.

SPECIFICATION TABLE

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