

CASTING MATERIAL FOR PRESSURE RETAINING PART (BODY AND BONNET)

S. No.	Material	Material Standard
1.	1.0619 / SA 216 WCB	DIN EN 10213
	(Carbon Steel)	ASME B16.34
2.	1.4408 / SA 351 CF8M	DIN EN 10213
	(Stainless Steel)	ASME B16.34

VALVE SIZES

- DN 15 / NPS ½ to DN 150 / NPS 6

VALVE PRESSURE CLASS

- PN 16 -160
- ASME Cl. 150 to Cl. 900

CONTROL VALVE TRIM

2-WAY VALVES



On/Off

Characteristic: On/Off (Quick Opening)
Flow direction: To open or to close
This plug provides maximum flow with minimum pressure drop and is ideal when large flows are required just after opening.



V-Port

Characteristic: Linear or Equal Percentage
Flow direction: To open or to close
This plug is ideally suited when actuator selection is critical, and the shorter stroke means smaller actuators can often be used.



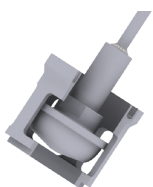
Parabolic Plug

Characteristic: Linear or Equal Percentage
Flow direction: To open
This plug covers all Cv ranges and is especially suitable for low differential pressures. The equal percentage flow characteristic provides excellent low flow control.



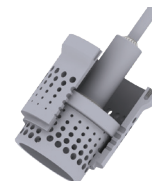
Perforated Plug

Characteristic: Linear or Equal Percentage
Flow direction: To open or to close
The plug is suitable for use where high differential pressures are present. It can also be used where noise is an issue, typically reducing the noise level by 10 dBA. The hardened version improves life expectancy in cavitation and/or flashing conditions.



Quick Change Seat (QCS) Stage-1

Characteristic: Linear or Equal Percentage
Flow direction: To open
This trim offers an easy tool-free seat exchange and can be combined with all on/off parabolic and V-port plugs.



Quick Change Seat (QCS) Stage-2

Characteristic: Linear or Equal Percentage
Flow direction: To close
This trim offers an easy tool-free seat exchange and is used for high differential pressure to provide cavitation and for noise reduction

