

V5088A

FLANGED LINEAR VALVE PN16 HIGH CLOSE-OFF PRESSURE RATING

SPECIFICATION DATA



GENERAL

These single seated valves are used for modulating control of hot or chilled water or steam in heating, ventilating and air conditioning systems and can be operated by electric linear actuators as ML6421, ML7421, or by pneumatic actuators MP953.

FEATURES

- New designed packing materials for steam application up to 180 °C
- Cast iron body with flanged end connections
- High Close-off Pressure Rating (1000kPa) Low seat leakage rate
- Metal to metal seating for long life span
- Self adjusting packing
- Accurate positioning to ensure state of the art temperature control
- Directly coupled electric and pneumatic actuators for easy mounting
- Approved according to DIN 32730

SPECIFICATIONS

Action	Stem down to close
Nominal pressure rating	PN16
Plug	Pressure balanced plug
Flow characteristic	Equal percentage
Rangeability	50:1
Leakage rate	≤0.1 % of k_{VS}
Stroke	38 mm
Valve body	
End connections	Flanged per ISO 7005-2
Material	Cast iron (GG25) for PN16
Dimensions	See Fig. 1
Trim	
Seat	Stainless steel, replaceable
Plug	Stainless steel, skirt guided
Stem	Stainless steel
Packing	Spring loaded PTFE V-rings
Medium temperature and pressure	
PN16	2 ... 120 °C: max. 1600 kPa 120 ... 180 °C: max. 1280 kPa