

## V5328A

### FLANGED LINEAR VALVE PN16 DN50~ DN80 HIGH CLOSE-OFF PRESSURE RATING

#### SPECIFICATION DATA



#### GENERAL

These single seated valves are used for modulating control of hot / chilled water or steam in heating, ventilating and air conditioning systems.

The valves can be operated by linear actuators ML6420/ML6425 or ML7420/ML7425 or by pneumatic actuators MP953.

#### FEATURES

- Iron body with flanged end connections
- Low seat leakage rate
- High Close-off Pressure Rating (1000kPa)
- Metal to metal seating for long life span
- Self adjusting packing
- Accurate positioning to ensure state of the art temperature control
- Easy mounting of direct coupled electric and pneumatic actuators
- Approved according to DIN 32730

#### SPECIFICATIONS

<b>Action</b>	Stem down to close
<b>Nominal pressure rating</b>	PN16
<b>Plug</b>	Pressure balanced plug
<b>Flow characteristic</b>	Equal percentage, $n_{gl} = 3.4$
<b>Rangeability</b>	50:1
<b>Leakage rate</b>	$\leq 0.1$ % of $k_{VS}$ DN50 to DN80
<b>Stroke</b>	20 mm
<b>Valve body</b>	
End connections	Flanged per ISO 7005-2
Material	Cast iron (GG25)
<b>Dimensions</b>	See Fig. 1
<b>Trim</b>	
Seat	Stainless steel, replaceable
Stem	Stainless steel
Plug	Stainless steel, skirt guided
<b>Packing</b>	Spring loaded PTFE cone rings
<b>Medium temperature and pressure</b>	2...120 °C; max. 1600 kPa 120...150 °C; max. 1400 kPa 150...170 °C; max. 1370 kPa
<b>Maximum temperature differential in alternating hot/cold water use</b>	60 K