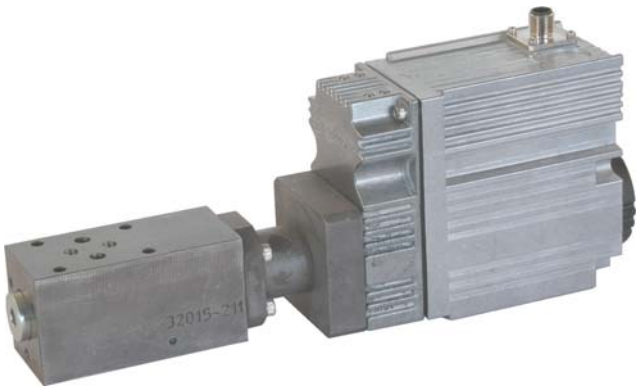
hydraulic
Our Precision•Your Success

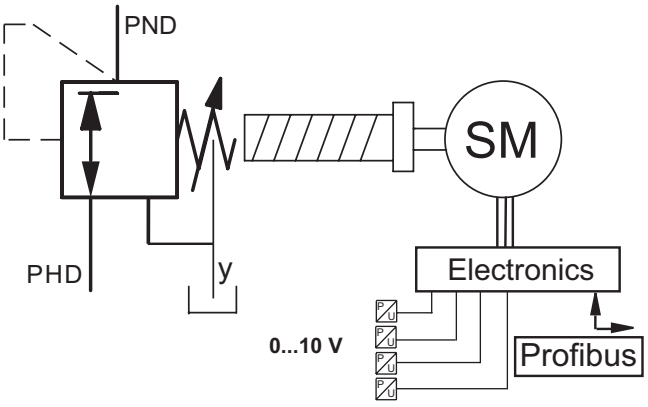
Pressure-reduction valve NG6

electrically adjustable,
pressure range 8-120 bar

- Safety by automatic lock, spindle drive
- High reproducibility
- Direct controlled, damped piston valve



Symbol:



The pressure adjustment at the control valve is motor-driven by the stepper-motor. The required control electronics is not part of delivery range and it can be ordered (Id.-Nr.: 79-0025-0013-00).
The motor acts by spindle drive, direct mechanically on to the valve adjustment. The pressure control is via the direct controlled, damped piston valve.
The spindle drive has a mechanical automatic lock, so that the set pressure is maintaned even when distribution voltage is disconnected.

Specifications according to VDI 3267

General

Id.Nr.		32342
Configuration number		see symbol
Mounting method		sandwich plate
Method of actuating		motorically
Fastening		4x M5
Mounting position		mountable in any position
Ambient temperature	°C	5 to +50
Mass valve	kg	4,1

Hydraulic

Operating pressure range		
Supply pressure max.	bar	300
Set pressure range	bar	8 - 120
Adjusting time 8 - 120 bar	s	2,5
Viscosity	mm^2/s	15 to 68
max. rate of flow	l/min	30

Electrical rating

Electric power supply	24VDC (22..28 VDC) 1A
	residual ripple max. 3Vss
Further data	data sheet on request
Page Nr.	79-0031-0010-00
Allowed command value	digital

Options:

- further pressure ranges
- further adjusting speeds
- Allowed command value: analog, Profibus, CAN
- y at T possible
- Central connector 17-pol

The specifications given herein are subject to alteration

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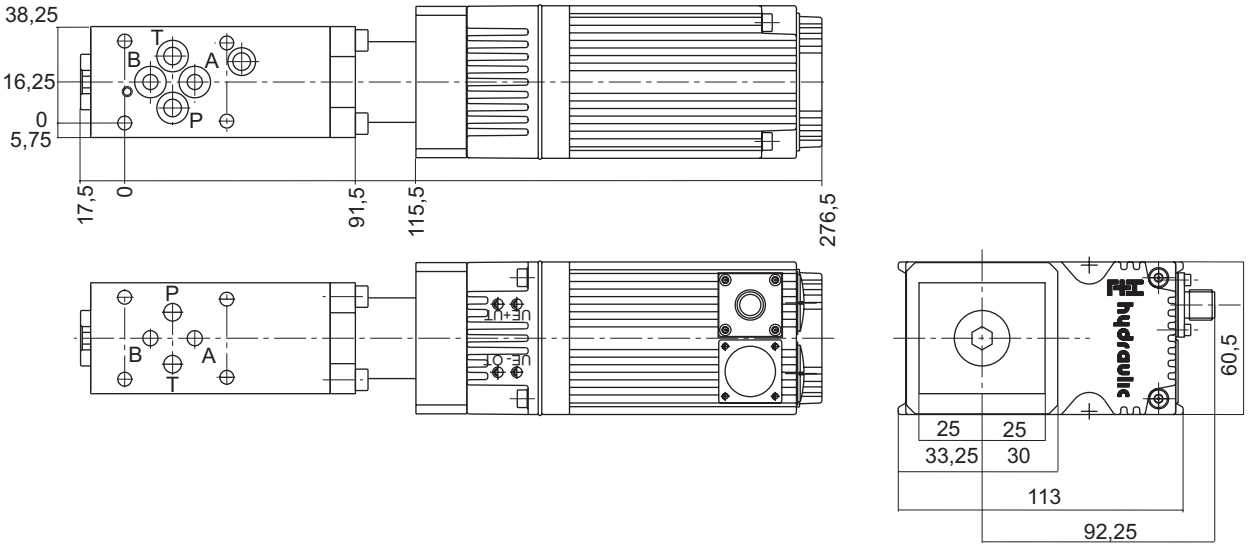
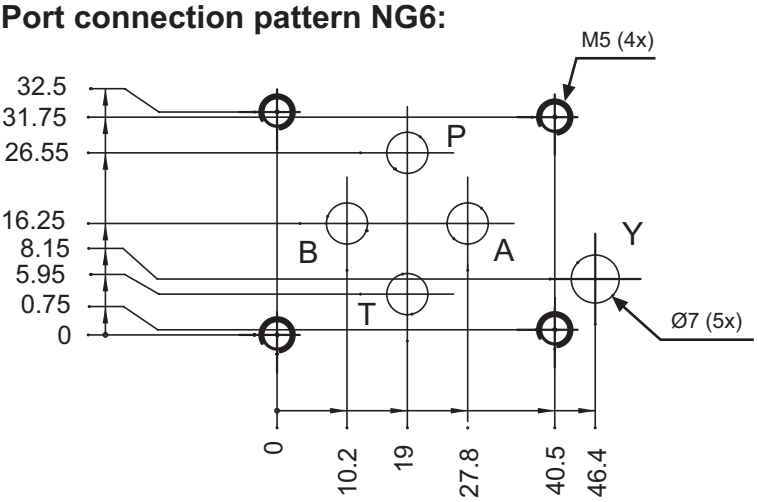
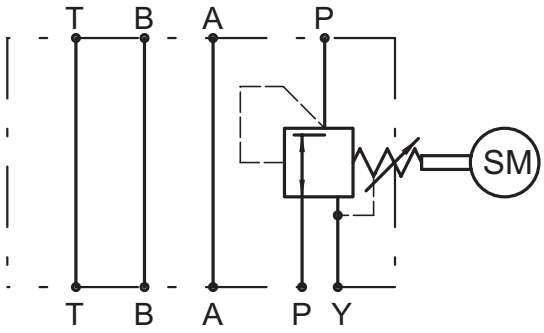
Basic dimension drawing:



Port connection pattern NG6:



Symbol:



Type code:

					D	E	4	0	.	1	–	6	Y	–	1	2	0	Z	3	X	X	X

Ident.-Nr.

Pressure valve
electrically
Pressure-reduction valve
Design
Nominal size
Y - port separetally
Pressure range
Mounting
Design code

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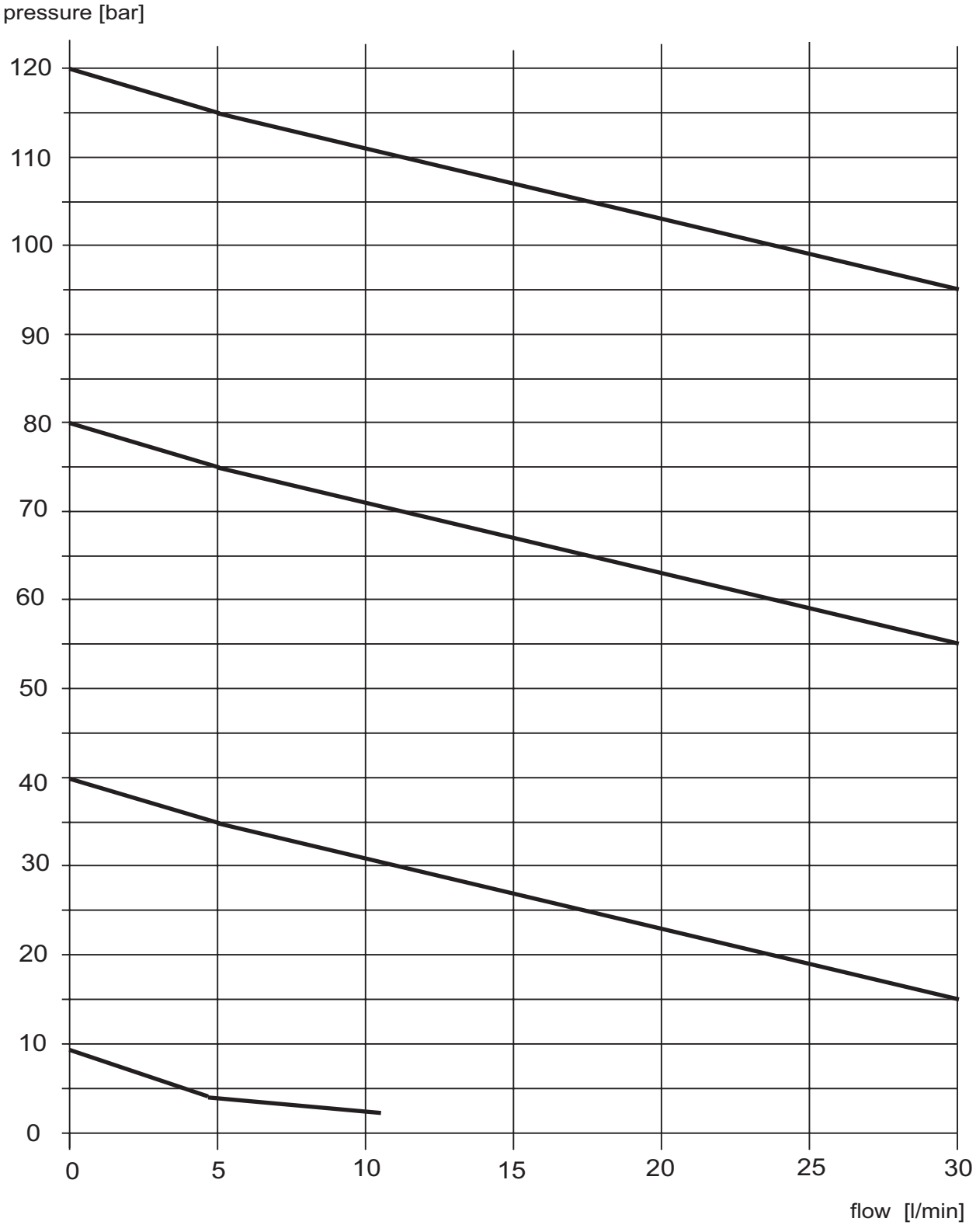
electrically adjustable,
pressure range 8-120 bar

Control characteristic:

for hydraulic oil 46 mm^2/s, 40°C



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