



Design / Function

The Section valve system is based on a modular concept comprising six basic elements: Valve assembly, push-over coil, valve-blocks and connection fittings.

The coil is pushed over the armature guide tube and thus isolated from the medium. The medium is only in contact with the valve internals, the block and connection fittings.

Advantages / benefits

- Water hammer-free
- Low noise
- Compact design with high flow rates
- Little maintenance

Technical data (Valve)

2/2-way, NC with 2-way pilot control and coupled solenoid valve and manual override.

Operating data (Valve)

Size	DN 25
Pressure range	0.2-16 bar
Fluid	Water and Sea Water
Medium Temp.	-10...+90 deg. C
Max. Viscosity	21 mm ² /s
Response times	opening: 0.2-0.5 s closing: 1.0-4.0 s
Kv-value (water)	10 m ³ /h

Equipment

Section Valve Description, (Item 480)

Operating Data (Actuator)

Operating voltages	AC 24, 110, 230V/50-60 Hz DC 24 V/=
Voltage tolerance	±10%
Power consumption	
Voltage (AC)	Inrush: 21VA Hold: 12VA/8W
Voltage (DC)	Inrush and hold: 8W
Duty cycle	100% continuously rated
Cycling rate	10-50 c.p.m.
Protection class with cable plug	IP65

Materials

Valve block	Aluminium with surface anodised in accordance to MILL.A8625 Ref. = F 20my.
Manual override	Brass
Diaphragm	NBR
O-rings	NBR
Spring	SS 1.4310
Cover	Brass
Plunger seal	NBR
Plunger	SS 1.4105
Coil	Polyamide

List of Spare parts

Start block	Number	918265-0
Middle block	Number	918266-0
End block	Number	918267-0
Connection pipe	Number	918268-0

Solenoid valve 230vac/50-60 Hz	Number	165346
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Coil 24VDC	125723
Coil 48vac/50-60Hz	130638
Coil 110vac/50-60Hz	125725
Coil 220vac/50-60Hz	125726
Plug for Coil	918749-0