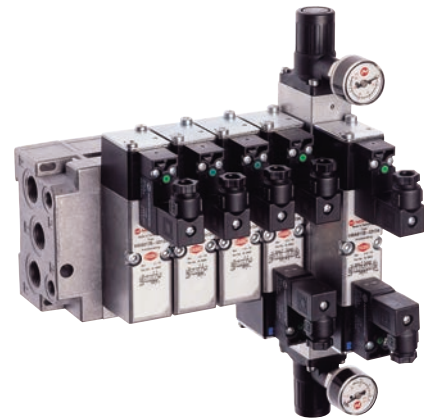




- > 2x3/2, 5/2 and 5/3 valves, ISO 15407-1/VDMA 24 563, Size 26 mm
- > Solenoid and pilot actuated
- > High performance, compact design
- > Flexible sub-base system
- > Multipressure system capability

- > Dual spool technology:
  - V44 Glandless spool and sleeve (long life)
  - V45 Softseal spool (high flow)
- > Collected pilot exhaust with internal pilot air supply
- > Easy to convert from internal to external pilot supply
- > Valve exchange under pressure



**Technical features**

**Medium:**

Compressed air, filtered to 40 µm, lubricated or non-lubricated

**Operation:**

V44: Glandless spool valve, solenoid pilot or air pilot actuated  
V45: Softseal spool valve, solenoid pilot or air pilot actuated

**Flow:**

Funktion	l/min	Cv	Kv
Softseal			
2x3/2 NC	1100		
2X3/2 NO	1000		
5/2	1200		
5/3	1150		
Glandless			
5/2	900		
5/3	900		

**Mounting:**

Sub-base

**Ports 2+4:**

**Operating pressure:**

See tables for individual details

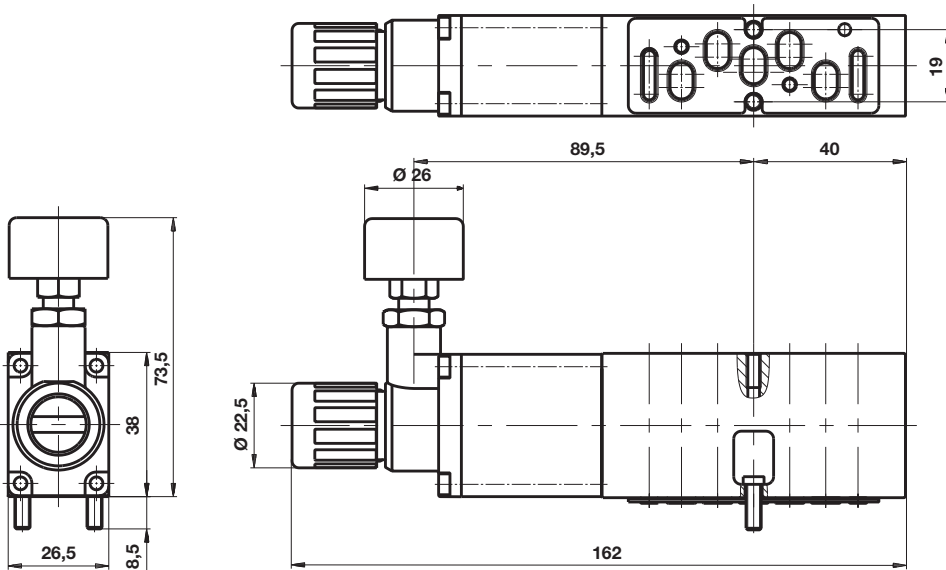
**Media/Ambient temperature:**

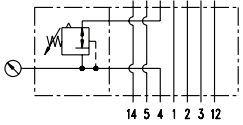
-15 ... +50°C (+5 ... 122°F)  
V44/V45 solenoid and V45 air pilot models  
-15 ... +80°C (+5 ... 176°F)  
V44 air pilot models  
Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

**Materials:**

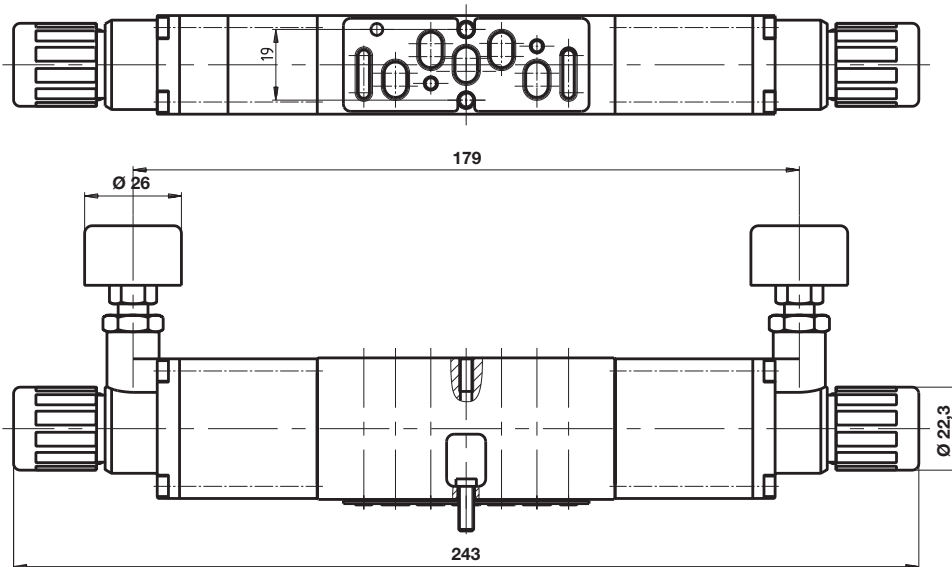
Body and sub-base: die cast aluminium  
Spool and sleeve: hard anodized, Teflon coated, matched aluminium (V44); aluminium alloy spool with HNBR Seals (V45)  
Plastic parts: POM  
Static seals: NBR  
End cover and screws: zinc plated  
Springs: stainless steel

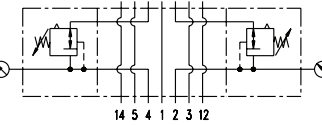
Dimensions in mm  
Projection/First angle



Symbol	Description	Model
	Regulation of port 4 (0,36 kg)	V70527-KA3

Maximum inlet pressure 16 bar. Regulated pressure 0,5 ... 10 bar



Symbol	Description	Model
	Regulation of ports 2+4 (0,56 kg)	V70527-KA4

Maximum inlet pressure 16 bar. Regulated pressure 0,5 ... 10 bar

## Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

### »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.