

## Modular reducing valves type WHG and WKG

spool type, ISO 4401 sizes 06 and 10



## 3 MAIN CHARACTERISTICS OF MODULAR PRESSURE REDUCING VALVES TYPE WHG and WKG

Assembly position	Any position. Note: JPG cannot be associated with directional valves having hydraulic centring device (/M) because JPG don't have L drain port.
Subplate surface finishing	Roughness index $\sqrt{\frac{0.4}{2}}$ ,flatness ratio 0,01/100 (ISO 1101)
Ambient temperature	-20°C to +70°
Fluid	Hydraulic oil as per DIN 51524 535; for other fluids see section 1
Recommended viscosity	15 ÷100 mm²/s at 40°C (ISO VG 15 ÷ 100)
Fluid contamination class	ISO 19/16, achieved with in line filters at 25 $\mu$ m value and $\beta_{25} \ge 75$ (recommended)
Fluid temperature	-20°C +60°C (standard seals) -20°C +80°C (/PE seals)

## 4 DIAGRAMS OF WHG-03\* based on mineral oil ISO VG 46 at 50°C

- **1** = regulated pressure variation versus
  - flow: - between use port and discharge port - between inlet port and use port
- 2 = differential pressure variation versus flow between inlet port and use port
- **3** = differential pressure variation versus flow between use port and discharge port





Flow [l/min]

5 DIAGRAMS OF WKG-03\* based on mineral oil ISO VG 46 at 50°C

- regulated pressure variation versus flow:

   between use port and discharge port
   between inlet port and use port
- 2 = differential pressure variation versus flow between inlet port and use port
- **3** = differential pressure variation versus flow between use port and discharge port





Flow [l/min]

## 6 INSTALLATION DIMENSIONS OF WHG-0 VALVES [mm]





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