



# Check Valves

## IS.0.M24 Valve Series

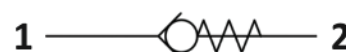
**METRIC Insert - 420 Bar**

**Direct acting - Poppet type**



### Description & Operation

A screw-in, direct acting, poppet type check valve. Main use is as a blocking or load-holding device. The IS.0.M24 allows flow passage from port 1 to 2: the cartridge has a fully guided check which is spring-biased closed until sufficient pressure is applied at port 1 to open to 2. The flow is blocked in the opposite direction (2 to 1). Insert type valve: the poppet seals directly against the cavity



Hydraulic Symbol



### Technical Data

Maximum operating pressure	420 Bar
Maximum flow	100 LPM
Maximum internal leakage	0.10 cm <sup>3</sup> / min @ 10 Bar 0.10 cm <sup>3</sup> / min @ 420 Bar
External component treatment	Zn/Fe - standard (96h) Zn/Ni (720h) (Upon Request)
O-ring Temperature Range	-30° C to 110° C (standard sealing NBR - BUNA-N)
Oil Temperature Range	-30° C to 110° C
Fluids	Mineral - based or synthetics with lubricating properties
Viscosities	7.4 to 420 cSt
Filtration	20/18/15 ISO 4406 (maximum filtration admitted)
Orientation	No restrictions
Installation torque	50 - 55 Nm Hex 19
Oil testing condition	ISO VG 46 cSt
Seal kit code	SLKT 009
Coining Kit	CK.004
Weight	0.100 kg

