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"For All Your Hydraulic Needs"



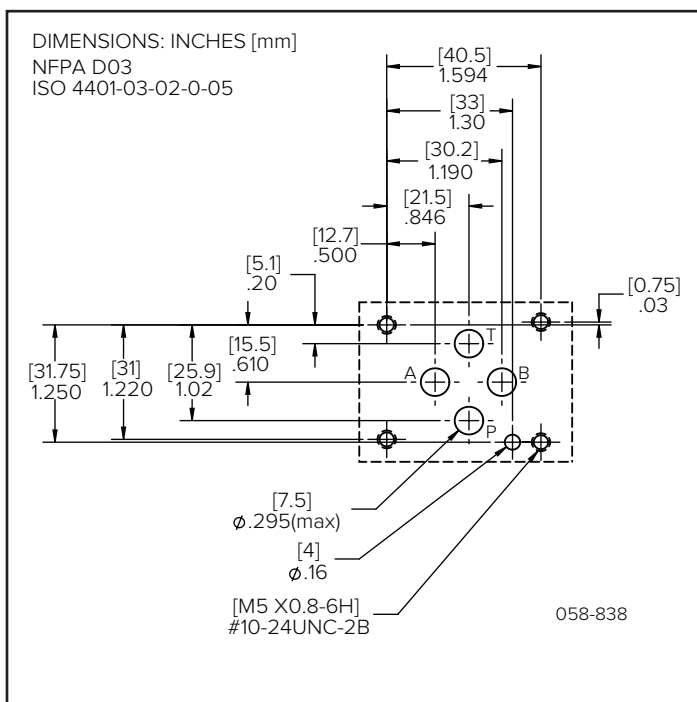
P03MSV-XC/XCT

WORK PORT PILOT OPERATED PRESSURE RELIEF VALVE

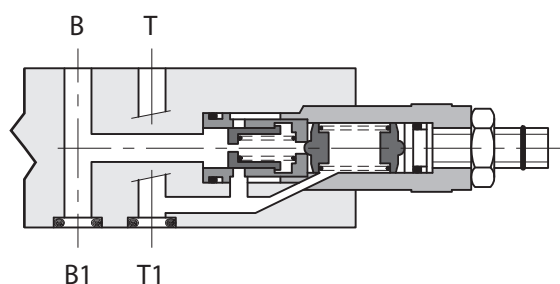
MODULAR VERSION
NFPA D03 ISO 4401-03

P max 5000 PSI 350 bar
Q max 20 GPM 75 l/min

MOUNTING INTERFACE



OPERATING PRINCIPLE



- The P03MSV-XC and XCT are pilot operated modular pressure relief valves with mounting surface according to NFPA D03/ISO 4401-03 standards.
- Typically, the valves mount sandwiched between a directional control valve and a subplate/manifold and functions as pressure limiting devices in A and B ports.
- Code XC functions as a cross port relief valve. Code XCT relieves each work port to T independently.
- These valves can be assembled in a stack with additional modular valves using suitable tie rods or bolts.
- They are supplied with a hex socket head adjustment screw and locknut. The maximum travel of the adjustment screw is limited.

PERFORMANCES (measured with mineral oil of viscosity 36cSt at 120°F [50°C])

Maximum operating pressure	PSI [bar]	5000 [350]
Minimum controlled pressure	PSI [bar]	72 [5]
Maximum flow rate in controlled lines and in the free lines	GPM [l/min]	20 [75]
Ambient temperature range	°F [°C]	-4 to 140 [-20 to +60]
Fluid temperature range	°F [°C]	-4 to 176 [-20 to +80]
Fluid viscosity range	cSt	10 - 400
Fluid contamination degree	According to ISO 4406:1999 class 20/18/15	
Recommended viscosity	cSt	25
Mass: P03MSV-XC, XCT	lbs [kg]	4.6 [2,1]

HYDRAULIC SYMBOLS

