AM3SH... MODULAR SHUTTLE VALVES CETOP 3

Modular valves type AM.3.SH are actuator load pressure selecting units, as they are fitted with an integral shuttle valve cartridge which allows taking of the highest pressure signal to the external port via displacement of a ball. They are usually employed to signal the actuator load to the pressure compensator of load sensing pump, or for the command of fail-safe brakes.

For seat overall dimensions see cartridge shuttle SH03 type.

Max. operating pressure	350 bar
Max. flow at the cartridge	3 l/min
Max. flow at ports A/B/P/T	40 l/min
Hydraulic fluids	Mineral oils DIN 51524
Fluid viscosity	10 ÷ 500 mm^2/s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $ß_{25} \geq 75$
Weight	1 Kg
Cartridge tightening torque	20÷30 Nm/2÷3 Kgm

AM3SH...	
SH.03...	CARTRIDGE CATALOGUE
SCREWS AND STUDS	CAP. IV • 21

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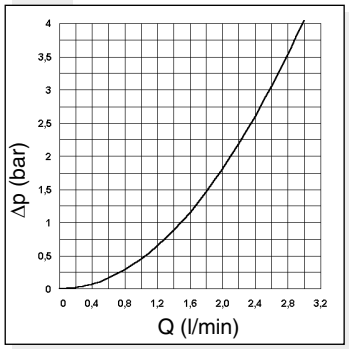
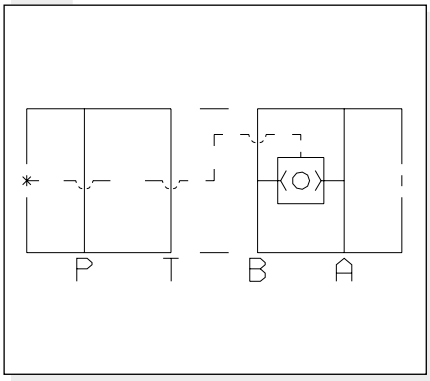
ORDERING CODE

AM	Modular valve
3	CETOP 3/NG6
SH	Cartridge shuttle
**	**00** = No variant **V1** = Viton
1	Serial No.

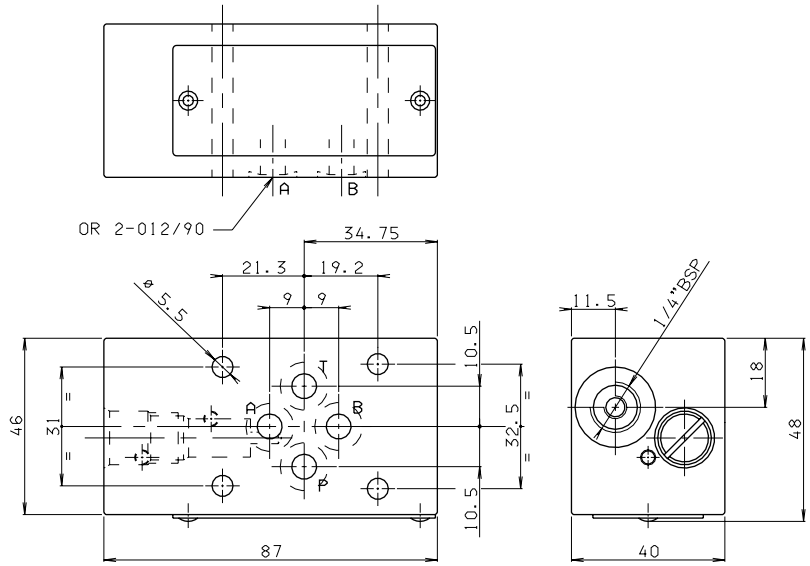
PRESSURE DROPS ON THE SHUTTLE VALVE



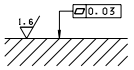
HYDRAULIC SYMBOL



OVERALL DIMENSIONS



Support plane specifications



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