

AD3RI...

AD3RI... AUTOMATIC RECIPROCATING VALVES CETOP 3



This valve type is characterized by fully hydraulic operation, as it takes advantage of the system pressure rise to cause an automatic and continuous inversion of the utilization. The change-over takes place when the system pressure exceeds the inversion valves calibration pressure, and therefore also in not predetermined positions. At cylinder stroke end, the overall maximum pressure valve should be adjusted on a value 30% higher than the system operating pressure.

The inverter valves pressure calibration values should be 15% lower than that of the overall maximum pressure valve, and 15% higher than the maximum operating pressure.

Note: to operate the push button emergency, a minimum pressure of 3 bar on the actuator is needed.

Max. operating pressure	320 bar
Max. pressure port T	160 bar
Min. recommended pressure	15 bar
Max. flow	25 l/min
Min. flow	2 l/min
Setting ranges:	
Spring 1	15 ÷ 50 bar
Spring 2	20 ÷ 140 bar
Spring 3	50 ÷ 320 bar
Fluid viscosity	10 ÷ 60 mm²/s
Fluid temperature	-20°C ÷ 75°C
Max. contamination level	class 10 in accordance with NAS 1638 with filter $\beta_{25} \geq 75$
Weight	2,3 Kg

ORDERING CODE

AD

Directional valve

3

CETOP 3/NG6

RI

Automatic reciprocating valve
hydraulically operated
automatic reciprocation

211

Scheme

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No voltage

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Setting ranges:

$$1 = 15 \div 50 \text{ bar}$$
$$2 = 20 \div 140 \text{ bar}$$
$$3 = 50 \div 320 \text{ bar}$$

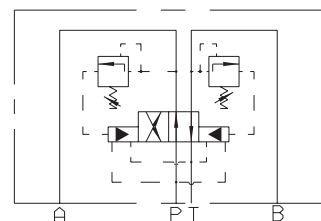
00 = No variant
V1 = Viton

V1 = Viton

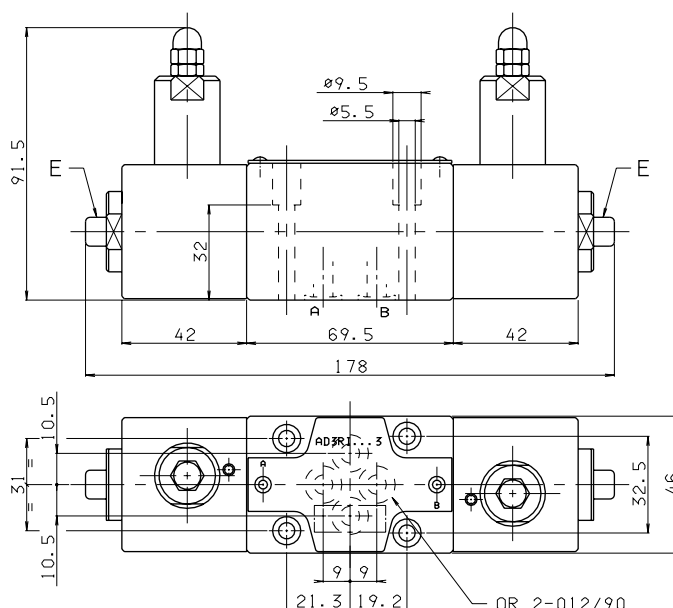
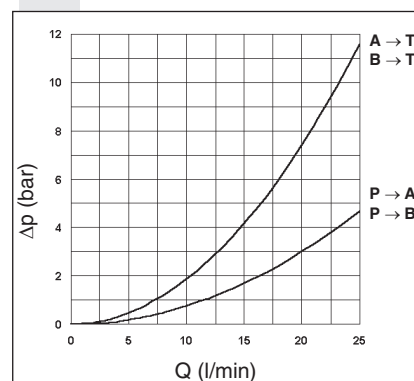
3

Serial No.

HYDRAULIC SYMBOL



PRESSURE DROPS



E = Manual override

Fixing screws UNI 5931 M5x40
with material specifications min. 8.8
Tightening torque 5 Nm / 0.5 Kgm

Support plane specifications

