

The fluid used is a mineral based oil with a viscosity of 46 mm²/s at 40°C. The tests have been carried out at with a fluid of a 40° C.

10

0% 10% 20%

^{40%} 1 (%)

60% 70% 80% 90%



¹⁰⁰ P (bar)

250

P¹⁰⁰(bar)¹⁵⁰

10

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OPERATING SPECIFICATIONS

Max. operating pressure ports A/B /P (with T ports close	ed on the subplate)	250 bar	A
Regulated flow rate	, ,	75 / 105 l/min	AMPLIFIER UNIT AND CONTROL
Decompression drain flow		nax 0,7 l/min	REM.S.RA.*.*
Relative duty cycle	Continuous 100% ED		Electronic regulator for control single propor-
Type of protection (in relation to the connector used)	IP 65		tional solenoid valve
Flow rate gain	See diagram "Input signal flow"		
Fluid viscosity	10 ÷ 500 mm²/s		
Fluid temperature	-20°C ÷ 75°C		
Ambient temperature	-20°C ÷ 60°C		
Max. contamination level	from class 7 to 9 in accordance		Operating specifications are valid for fluids
	with NAS 1638 with		with 46 mm ² /s viscosity at 40°C, using speci-
Weight		4,97 Kg	fied ARON electronic control units.
Type of voltage	12V	24V	Performance data are carried out using the
Max. current	2.5 A	1.25 A	specified Aron power amplifier type
Solenoid coil resistance at 20°C (68°F)	2.85 Ohm	11.4 Ohm	REM.S.RA power supplied at 24V.
Hysteresis with ∆p 7 bar	<5%	<8%	
Response to step $\Delta p = 7$ bar (P/A)			
0 ÷ 100%	~ 65 ms	-	
100% ÷ 0	~ 30 ms	-	
Frequency response -3db (Input signal 50% ± 25% Vm	,		
	7Hz	-	

OVERALL DIMENSIONS

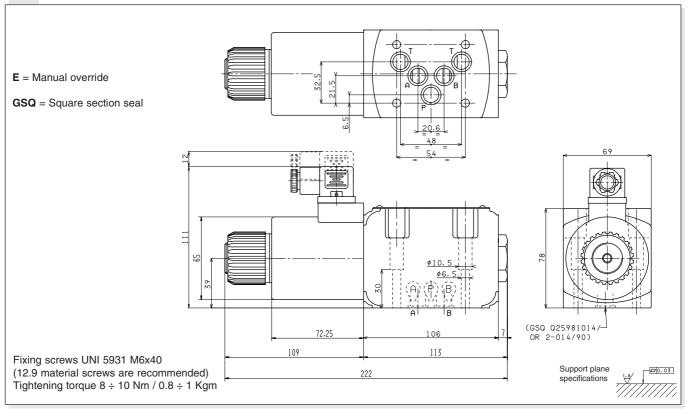


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