

Распределители ARON СЕТОР 3 / NG06 XP.3

Технические характеристики

Архангельск (8182)63-90-72	Ижевск (3412)26-03-58	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Сургут (3462)77-98-35
Астана (7172)727-132	Иркутск (395)279-98-46	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тверь (4822)63-31-35
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Белгород (4722)40-23-64	Калуга (4842)92-23-67	Нижний Новгород (831)429-08-12	Санкт-Петербург (812)309-46-40	Тюмень (3452)66-21-18
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Владивосток (423)249-28-31	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
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Воронеж (473)204-51-73	Курск (4712)77-13-04	Оренбург (3532)37-68-04	Сочи (862)225-72-31	Череповец (8202)49-02-64
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Иваново (4932)77-34-06	Киргизия (996)312-96-26-47	Казахстан (772)734-952-31	Таджикистан (992)427-82-92-69	

Единый адрес для всех регионов: any@nt-rt.ru || www.aron.nt-rt.ru



XP.3...

REM.S.RA...

CH. IX PAGE 4

V.M.P... / V.M.L... / V.M.P.E... CH. II PAGE 6

ORDERING CODE

XP

Max. pressure valve

3

CETOP 3/NG6

1 = max. 50 bar
2 = max. 140 bar
3 = max. 320 bar

E = with manual limiter
S = without manual limiter

Voltage:
F =12V DC
G =24V DC

00 =No variant
V1 =Viton

1

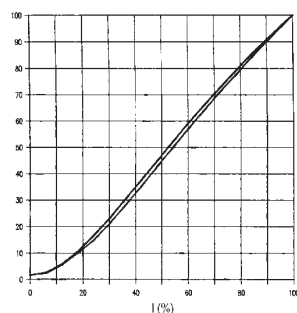
Serial No.

XP.3... PROPORTIONAL PRESSURE CONTROL VALVES CETOP 3/NG6

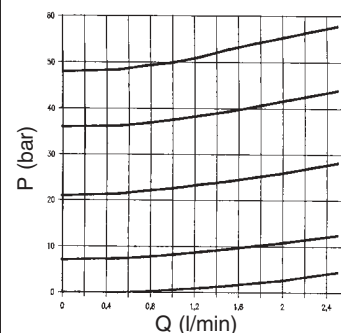
Proportional maximum pressure valves type XP.3.*.. are used to regulate a hydraulic circuit pressure by means of a variable electric signal. Their precise implementation allows for high and constant operational standard up to a maximum 2,5 l/min flow rate. A manually pressure limit setting version is also available, to protect the system from uncontrolled electrical signals.

• Other valves (e.g. subplate or in-line mounted valves) should be ordered separately.

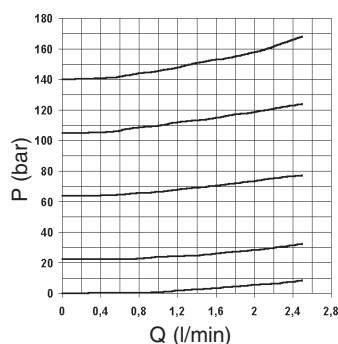
PRESSURE - SIGNAL
(tested with Q = 1 l/min)



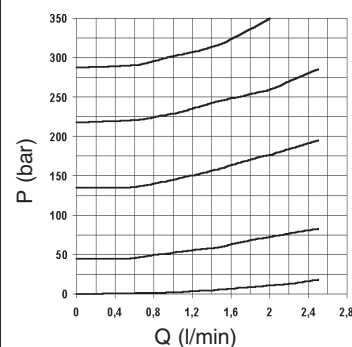
PRESSURE - FLOW RATE 1



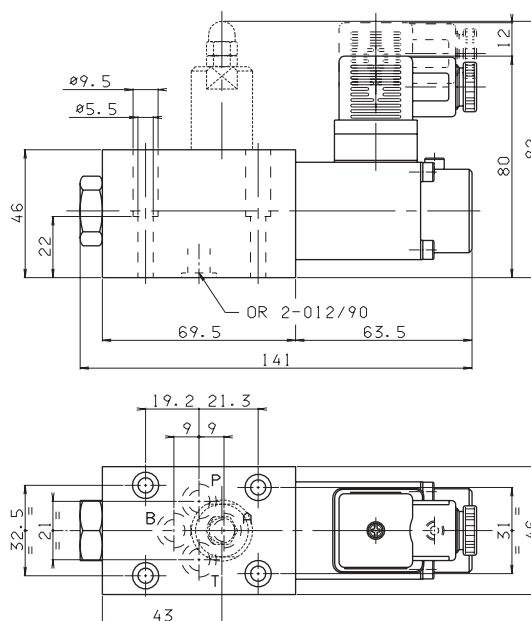
PRESSURE - FLOW RATE 2



PRESSURE - FLOW RATE 3

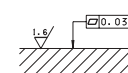


OVERALL DIMENSIONS



Fixing screws UNI 5931 M5x30
(min. 8.8 material screws are recommended)
Tightening torque $4 \div 5 \text{ Nm}$ / $0.4 \div 0.5 \text{ Kg}$

Support plane
specifications



XP.3... PROPORTIONAL PRESSURE CONTROL VALVES CETOP 3

Max. operating pressure (depending on the flow rate)	350 bar
Max. flow	2,5 l/min
Max. ambient temperature	50° C
Linearity	See diagrams
Max. hysteresis	<3% of nominal value
Repeatability error (between 150 and 680 mA)	<2%
Resistance at 20°C (24V)	24.6 Ohm
Resistance at 20°C (12V)	7.2 Ohm
Max. resistance (ambient 20°C) (24V) at op. temp.	31 Ohm
Max. resistance (ambient 20°C) (12V) at op. temp.	9 Ohm
Max. current at (24V)	0.68A
Max. current at (12V)	1.25A
Type of protection	IEC 144 class IP 65
Max. contamination level	class 8 in accordance with NAS 1638 with filter $\beta_{10} > 75$
Fluid temperature	-20°C ÷ +75°C
Fluid viscosity	10 ÷ 500 mm²/s
Weight	1,4 Kg

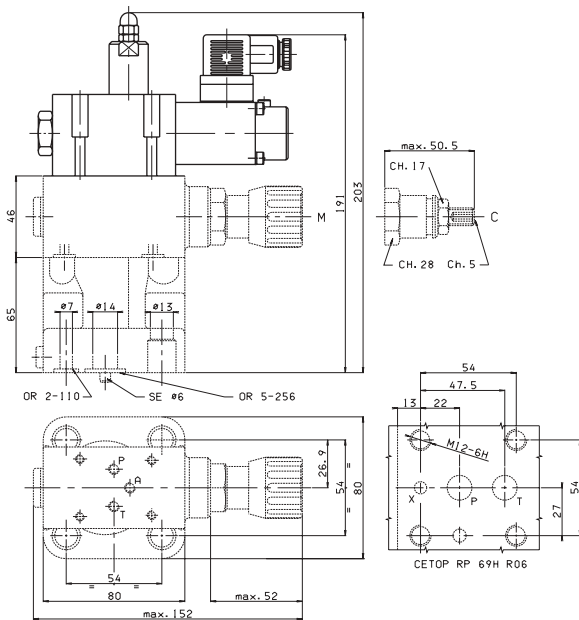
• Operating specifications are valid for fluids with 33 mm²/s at 50°C, using specified ARON electronic control units.

ELECTRONIC CONTROL UNITS

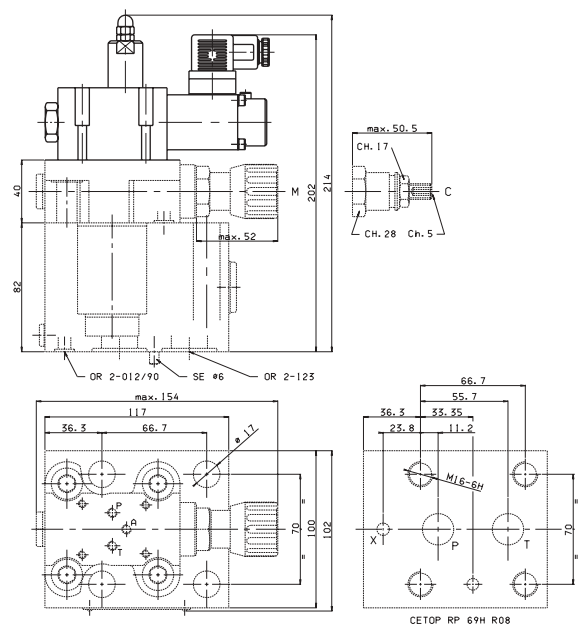
REM.S.RA.*.*.

Card type control for single solenoid 12V and 24V

TYPICAL INSTALLATION XP.3... + VMP.E.16...



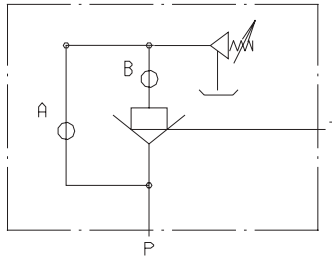
TYPICAL INSTALLATION XP.3... + VMP.E.25...



• **WITH MOUNTING ON VMPE USE THE FOLLOWING CALIBRATED ORIFICES (SEE V.M.P.*.E VALVE AQ VARIANT)**

VMP.E.16... A = Ø 1 mm
B = Ø 0,3 mm

VMP.E.25... A = Ø 1,2 mm
B = Ø 0,5 mm



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