Клапаны ARON CX.3

Технические характеристики

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Астана (7172)727-132
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
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Липецк (4742)52-20-81
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Москва (495)268-04-70
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Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
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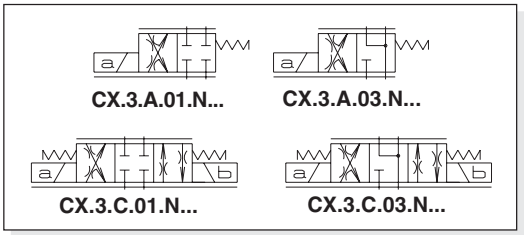
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

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

CX.3.A... / CX.3.C... SOLENOID OPERATING
PROPORTIONAL CONTROL STACKABLE VALVES

CX.3.A../CX.3.C.. series valves are used for controlling fluid direction and flow rate as a function of the supply current to the proportional control solenoid.

The individual valve is available in two different sizes: G3/8" or 9/16-18UNF.



CX.3...	
INDIVIDUAL VALVE	CH. XI PAGE 12
STACKABLE VALVES	CH. XI PAGE 13
"D15P" PROPORT. SOLENOIDS	CH. XI PAGE 13
SCREWS AND STUDS	CH. XI PAGE 10
REM.S.RA...	CH. IX PAGE 4
REM.D.RA...	CH. IX PAGE 7
SE.3.AN21.00...	CH. IX PAGE 11

OPERATING SPECIFICATIONS

Max. operating pressure ports P/A/B			250 bar
Max. operating pressure ports T - for dynamic pressure see note (*)			250 bar
Regulated flow rate			3 / 10 / 15 / 20 l/min
Relative duty cycle			Continuous 100% ED
Type of protection			IP 65
Fluid viscosity			10 ÷ 500 mm²/s
Fluid temperature			-20°C ÷ 75°C
Max. contamination level			class 8 in accordance with NAS 1638 with filter $ß_{10} \geq 75$
Weight CX.3.A... (single solenoid)			1,389 Kg
Weight CX.3.C... (double solenoid)			1,778 Kg
Max. current	2.35A	1.76 A	0.88 A
Solenoid coil resistance at 25°C (77°F)	2.25 Ohm	4.0 Ohm	16.0 Ohm

(*) Pressure dynamic allowed for 2 millions of cycles.

• Operating specifications are valid for fluid with 46 mm²/s viscosity at 40°C, using the specified ARON electronic control units.

ELECTRONIC CONTROL UNIT

REM.S.RA.*.*. and REM.D.RA.*.*.
Card type control for single and double solenoid

SE.3.AN.21.00...
EUROCARD type control for single and double solenoid

ORDERING CODE

CX — Proportional control stackable valve

3 — Size

***** — **A** = Single solenoid
C = Double solenoid

***** — Body type:
A = Ports G3/8" parallel
B = Ports 9/16 - 18UNF parallel
G = Presetting for modular valves (parallel)

****** — Type of spool
01 =  **03** = 

N — Symmetrical flow path control (see symbols table)

***** — Flow rating l/min (Δp 5 bar)
1 = 3 l/min
2 = 10 l/min
3 = 15 l/min
4 = 20 l/min

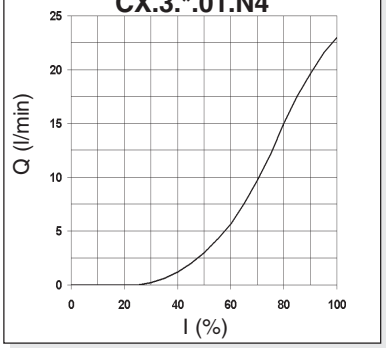
***** — Max. current at solenoid:
E = 2.35 A
F = 1.76 A
G = 0.88 A

****** — **00** = No variant
V1 = Viton
E1 = Emergency button
P1 = Rotary emergency
P5 = Rotary emergency 180°

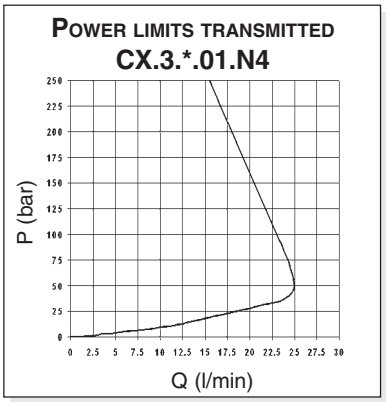
1 — Serial No.

DIAGRAMS

INPUT SIGNAL
CX.3.*.01.N4

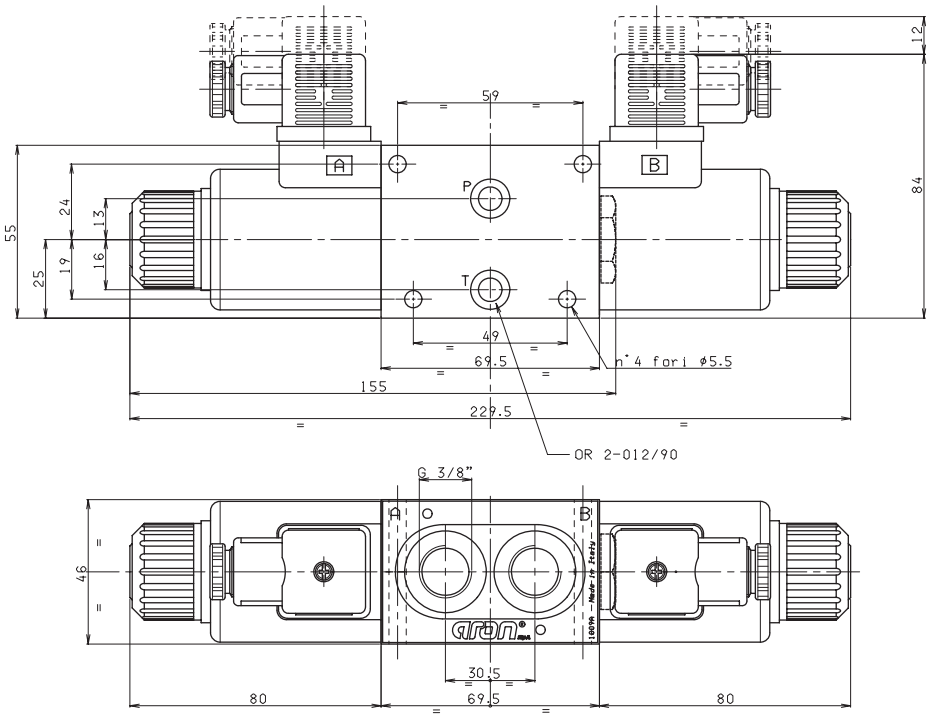


POWER LIMITS TRANSMITTED
CX.3.*.01.N4



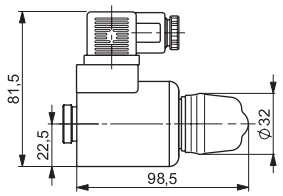
The fluid used is a mineral based oil with a viscosity of 46 mm²/s at 40°C. The tests have been carried out at with a fluid of a 40°C.

OVERALL DIMENSIONS

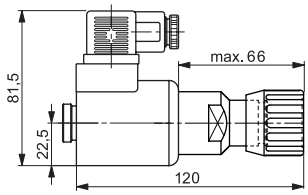


G 3/8" fittings, max. tightening torque = **36 Nm / 3.6 kgm**

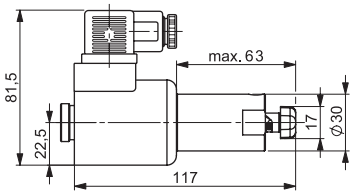
E1 MANUAL EMERGENCY



P1 ROTARY EMERGENCY

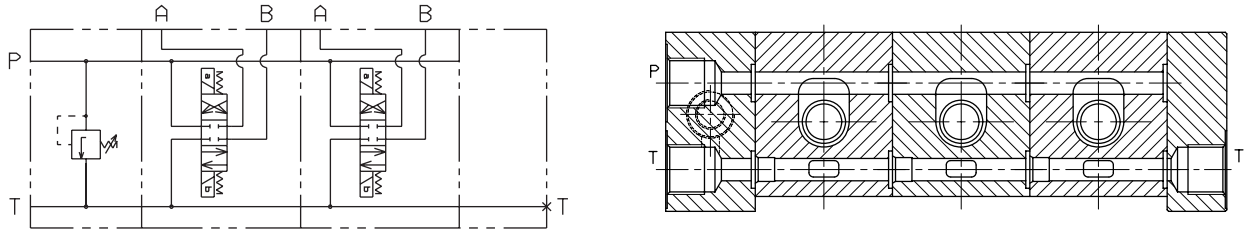


P5 ROTARY EMERGENCY 180°



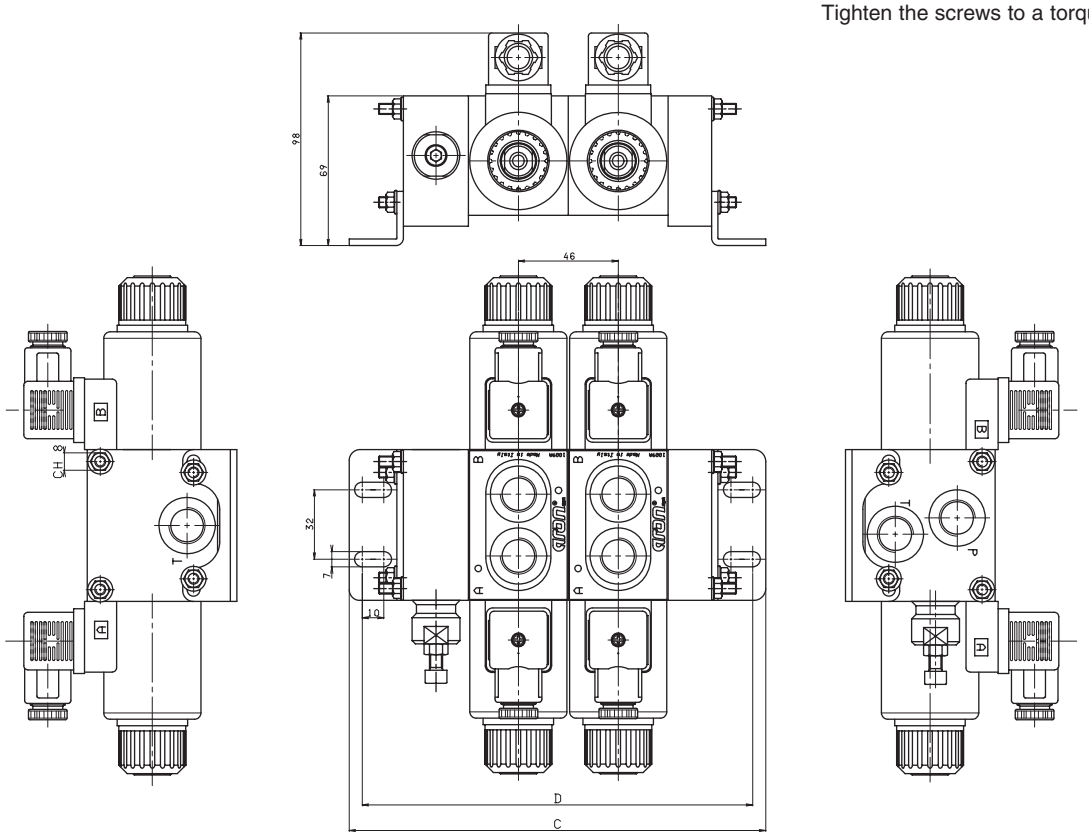
HYDRAULIC SYMBOLS AND INSTRUCTION OF CONNECTION

PARALLEL CONNECTION

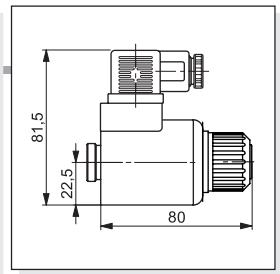


OVERALL DIMENSIONS

Tighten the screws to a torque of **5 Nm**



	FE02-FE INLET MODULE			FE 10 INLET MODULE		
NO. ELEMENTS	C	LENGTH (mm)	D	C	LENGTH (mm)	D
2	192		180	202		190
3	238		226	248		236
4	284		272	294		282
5	330		318	340		328
6	376		364	386		374



"D15P" PROPORTIONAL SOLENOIDS

Type of protection (in relation to connector used)	IP 66
Duty cycle	100% ED
Insulation class	H
Weight (coil)	0,354 Kg
Weight (solenoid)	0,608 Kg

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