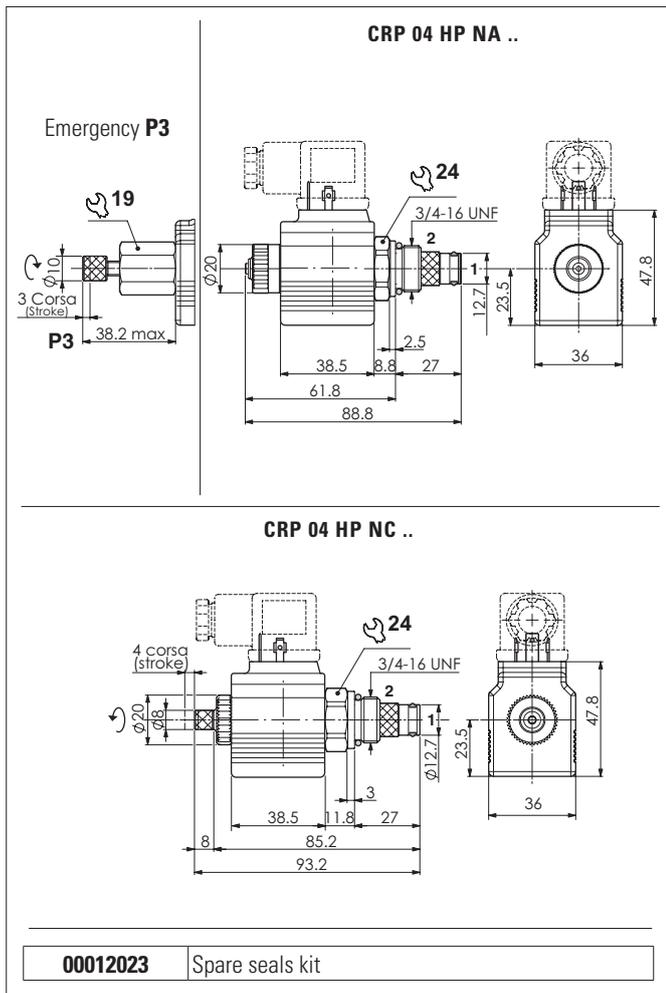


HIGH PRESSURE PILOTED OPERATED SOLENOID VALVE



Connector to be ordered separately, see sect. 20

The pilot-operated electric 2-way 2-position directional valve is controlled electrically. For high pressures.

The tapered poppet is in tempered and ground steel.

Available in normally open (NA) or normally closed (NC) versions.

- NA, free passage from 2 to 1 with de-energised coil.
- NC, free passage from 2 to 1 with energised coil or from 1 to 2 with de-energised coil.

The valves work with DC coils whereas RAC coils with a connector with incorporated rectifier must be used for AC applications.

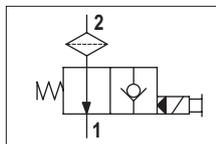
The sleeve is in galvanised steel.

FEATURES

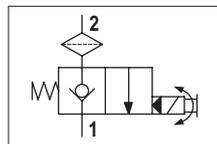
Max. pressure	370 bar
Max. Flow	30 l/min
Max. Leakage (0 ÷ 10 drops/min)	0 ÷ 0.5 cm ³ /min
Max. excitation frequency	2 Hz
Duty cycle	100% ED
Hydraulic fluids	DIN 51524 Mineral oils
Fluid viscosity	10 ÷ 500 mm ² /s
Fluid temperature	-25°C ÷ 75°C
Ambient temperature	-25°C ÷ 60°C
Max. contamin. level class with filter	ISO 4406:1999 - class 19/17/14
Cartridge filter	280µm
Type of protection (in relation to the connection used)	IP65
Weight (with coil)	0.35 kg
Cartridge tightening torque	25 ÷ 30 Nm
Coil ring nut tightening torque	7 Nm
Cavity (3/4 - 16 UNF)	CD018006 (See section 17)

Valve housings see section 14.

HYDRAULIC SYMBOLS



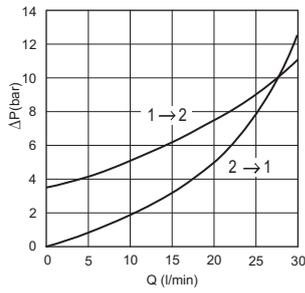
Normally open



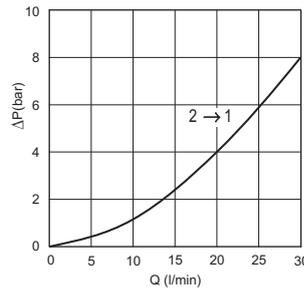
Normally closed

PRESSURE DROPS

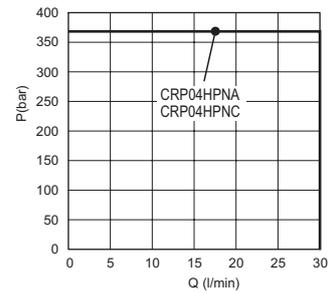
CRP 04 HP NC.



CRP 04 HP NA.



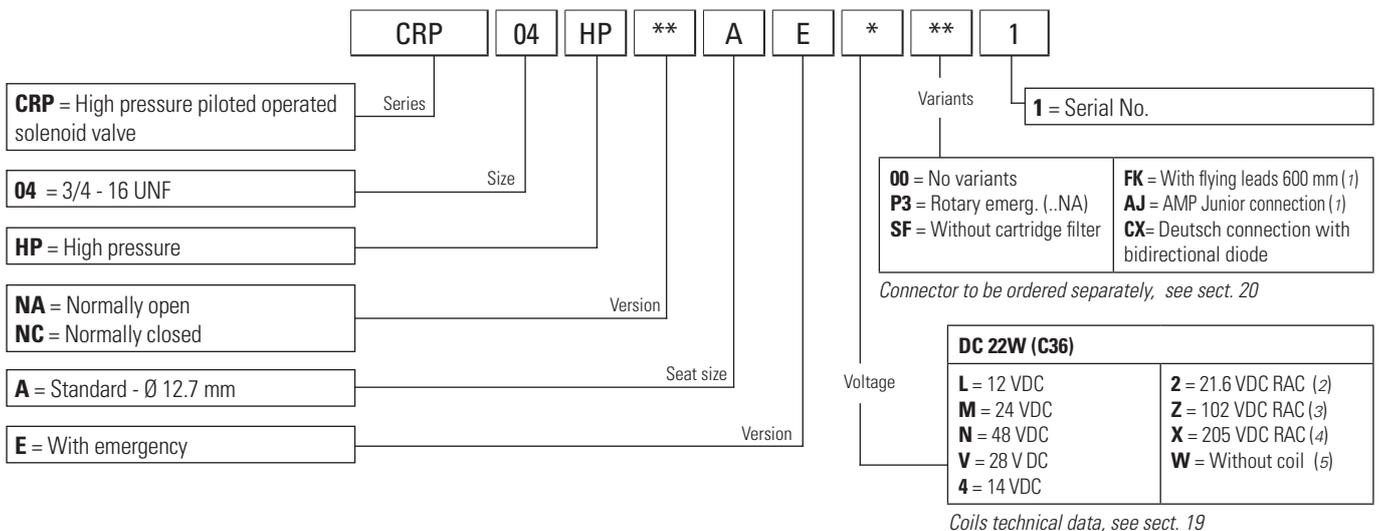
LIMITS OF USE



1 → 2 Only with coil not energised

The tests were carried out with the solenoids at operating temperature, with a supply voltage 10% below nominal value and with a 40°C fluid temperature. The fluid used is a mineral oil with viscosity of 46 mm²/s at 40°C.

ORDERING CODE



(1) Only voltages 12 VDC - 24 VDC (2) With rectifier: 24 VAC/50-60Hz (3) With rectifier: 115 VAC/50Hz - 120 VAC/60Hz	(4) With rectifier: 230 VAC/50Hz - 240 VAC/60Hz (5) Performance are guaranteed only using valves completed with BFP coil
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