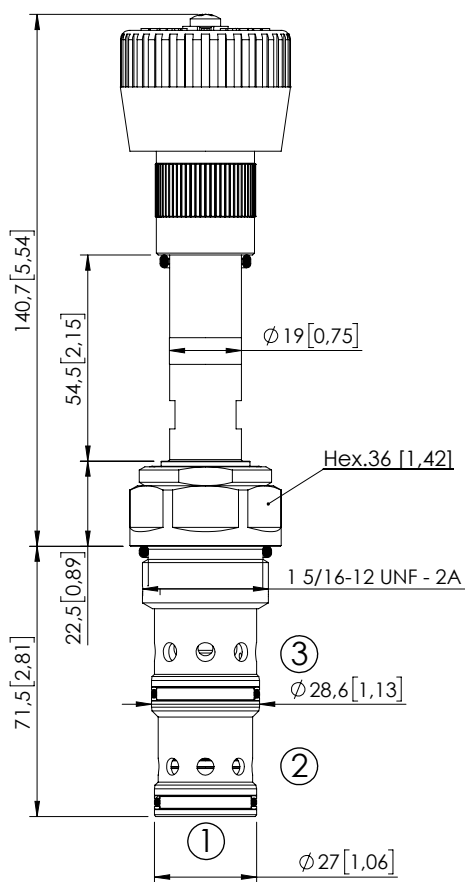


SOLENOID OPERATED CARTRIDGE

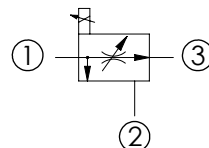
CECS-140-FRPM

PROPORTIONAL VALVES
FLOW REGULATOR
PRIORITY TYPE

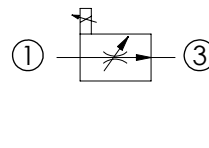


Dimensions: mm [inches]

3 way application



2 way application,
port 2 not connected



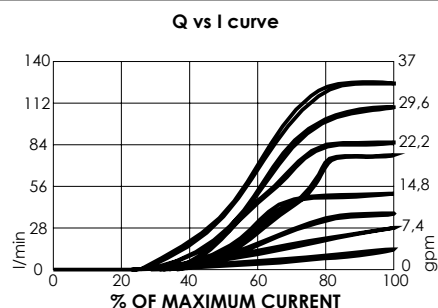
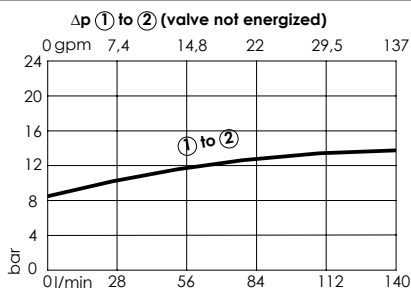
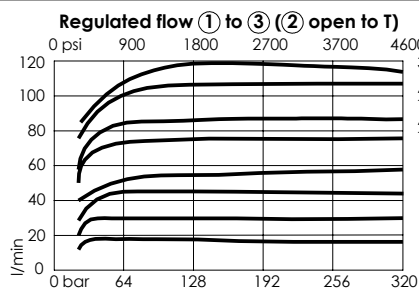
SPECIFICATIONS

Max. operating pressure:	320 bar (4600 psi)
Max. flow (in inlet port ①):	140 l/min (37 gpm)
Max. flow ① to ③:	120 l/min REGULATED (32 gpm)
Cavity:	SAE-16-3N
Weight:	0,6 kg (1,32 lbs)
Type hydraulic fluid:	See Technical specif.
Hydraulic fluid temp. range:	-30/+100 °C (-22/+212 °F)
Contamination class to ISO 4406:	See technical spec.
Coil type:	M15 type
Voltage:	12- 24 V dc
Ambient temperature:	-20/+50 °C (-4/+122 °F)
PWM range recommended:	180 Hz
Pressure differential (① to ③):	7-11 bar (101 - 159 psi)
Hysteresis (ramp up and down):	1,5 - 3 %
Max current (12 V dc):	1800 mA
Max current (24 V dc):	900 mA
Coil resistance (12 V dc):	5,8-6,7 Ω
Coil resistance (24 V dc):	23,3-26,8 Ω
Surface protection proportional solenoid:	Coating DIN 50962 Fe8/ Zi-Ni with passivation
Installation torque:	118 - 132 Nm (160 - 179 ft-lb)
Seal kit:	RB100094
MTTFd:	150 - 1200 years: See technical spec.

NOTES

If port 2 is blocked the valve operates as a two way flow regulator.
Port 2 can be pressurized.
For other configurations/quick codes not available in this catalogue page please consult factory

CURVES



ORDERING CODES

Quick code	Description	Regulated flow range	Adjustment type	
CE000831	CECS-140-FRPM-15-S16-V320	0-15 l/min (0-4 gpm)	Handknob	
CE000832	CECS-140-FRPM-25-S16-V320	0-25 l/min (0-7 gpm)	Handknob	
CE000833	CECS-140-FRPM-40-S16-V320	0-40 l/min (0-11 gpm)	Handknob	
CE000834	CECS-140-FRPM-50-S16-V320	0-50 l/min (0-13 gpm)	Handknob	
CE000835	CECS-140-FRPM-65-S16-V320	0-65 l/min (0-17 gpm)	Handknob	
CE000836	CECS-140-FRPM-80-S16-V320	0-80 l/min (0-21 gpm)	Handknob	
CE001034	CECS-140-FRPM-100-S16-V320	0-100 l/min (0-27 gpm)	Handknob	
CE001184	CECS-140-FRPM-120-S16-V320	0-120 l/min (0-32 gpm)	Handknob	