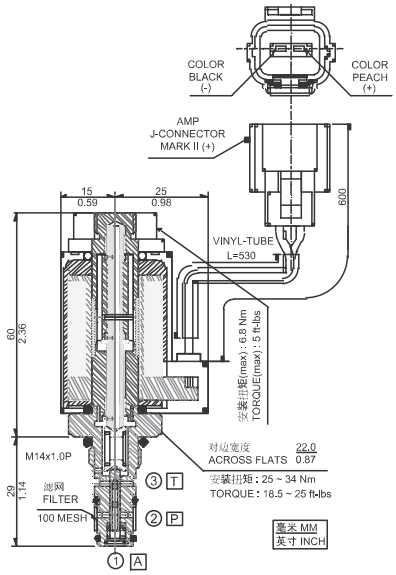
NCV-01-PR 直動式比例減壓閥 Direct-acting Proportional pressure reducing



描述 DESCRIPTION

直動式、螺紋液壓比例減壓閥。適用于換向閥、液壓油缸和變量泵的控制。特別在工程機械和車輛技術領域

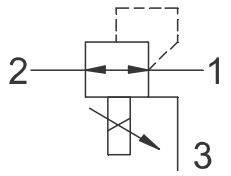
A direct-acting, screw-in hydraulic proportional pressure reducing valve. The valve is suitable for the control of directional valves , variable pump and hydraulic cylinders, particularly those in the mobile and automotive technology sectors.

工作原理 OPERATION

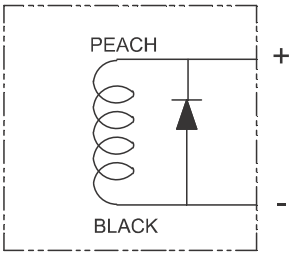
比例減壓閥按電磁鐵電流的大小成比例地減低油口①處壓力，該壓力與②口的壓力無關。油口①處壓力作用於閥芯上克服電磁鐵推力。當比例電磁鐵斷電時，閥芯上的復位彈簧使①口與③口相連。

The proportional pressure reducing valve reduces the pressure in port ① in proportion to the solenoid current. It operates virtually independently from the pressure in port ②. The hydraulic pressure in port ① acts on a spool against the solenoid force. With the proportional solenoid de-energised,a return spring at the spool switches to the connection from ① to ③.

特性 SPECIFICATIONS

符號 **SYMBOL**	
P 口工作壓力 P PORT OPERATING PRESSURE	260 bar 3770 psi
最大壓力 **MAX. PRESSURE**	206 bar 3000 psi
流量 **FLOW**	2 L/min 0.55 gpm
內漏 **LEAKAGE**	P→A：≤ 50 ml/min A→T：≤ 15 ml/min at 49 bar (700 psi)
工作油温 **OIL TEMP.**	-20℃ ～ +100℃ -4℉ ～ +210℉
粘度 **VISCOSITY**	5～500 cSt 23～2300 ssu
綫圈額定負載 **COIL DUTY RATING**	可在8 5%至110%的額定電壓範圍內連續工作 CONTINUOUS FROM 85% TO 110% OF NOMINAL VOLTAGE
過濾 **FILTRATION**	≤ 25 MICRONS
介質 **FLUID**	礦物油或具有潤滑作用的合成油 MINERAL OIL OR SYNTHETIC FLUID WITH LUBRICANT PROPERTIES
閥孔 **CAVITY**	NCV-01

特性 SPECIFICATIONS

壓力降 **PRESSURE DROP**	P→A & A→T：≤ 10 bar (140 psi) at 2 L/min (0.55 gpm)
壓力範圍 **PRESSURE RANGE**	0～27 bar 0～380 psi
浪涌電壓 **SURGE VOLTAGE**	< 1V (內建二極體) (DIODE BUILT-IN)
耐水性能 **WATER PROOF**	JIS D0203 S2
耐震性能 **VIBRATION-RESISTING**	JIS D1601 3 類 B 種 階段 45
電氣回路 **ELECTRIC CIRCUIT**	

訂貨型號 HOW TO ORDER

NCV – 01 – PR –D ___ – E

綫圈電壓
Coil Voltage
0: 無綫圈
12: DC 12V
24: DC 24V