

Since 1981

Devoted to the Commitments



Pneumatic Valves (“ I ” Series)

Hydro Pneumatic Controls

An ISO 9001-2008 Certified Company



"HPC" Make I series Spool type Hand Lever Valve

Size: 1/4", 3/8", 1/2" BSP

Type: 3/2, 5/2, 5/3 way



"HPC" Make I series Spool type Push Button Valve

Size: 1/8" BSP

Type: 3/2, 5/2 way



"HPC" Make I series Spool type Roller Lever Operated Valve

Size: 1/8", 1/4" BSP

Type: 3/2, 5/2 way



"HPC" Make I series Spool type Push Pull Valve

Size: 1/8", 1/4", 3/8", 1/2" BSP

Type: 3/2, 5/2 way



"HPC" Make I series Disk Rotary Valve

Size: 1/4", 3/8", 1/2" BSP

Type: 4/2 way

Available in Knob type / Lever type



“HPC” Make I series Spool type Single Solenoid Valve
 Size: 1/8", 1/4", 3/8", 1/2" BSP
 Type: 3/2, 5/2 way



“HPC” Make I series Spool type Double Solenoid Valve
 Size: 1/8", 1/4", 3/8", 1/2" BSP
 Type: 3/2, 5/2, 5/3 way



“HPC” Make I series Direct Acting Valve
 Size: 1/8", 1/4", 3/8", 1/2" BSP
 Type: 2/2, 3/2 way



“HPC” Make I series Spool type Single Pilot Valve
 Size: 1/8", 1/4" BSP
 Type: 3/2, 5/2 way



“HPC” Make I series Spool type Double Pilot Valve
 Size: 1/8", 1/4" BSP
 Type: 3/2, 5/2 way



Technical Specifications

Design	
Port Size	1/8", 1/4", 3/8", 1/2"
medium	Compressed Air, Filtered & Lubricated
Working Pressure	2 - 10 BAR
Recommended Oil	ISO VG32 (Servo System 32)
Ambient Temperature	5 deg cel - 75 deg cel
Flow	1200 LPM
Material of Construction	Housing: Aluminium, Seals: Nitrile
Electrical	
Voltage +/- 10%	DC
Power Consumption	5 W
Duty Cycle	continuous
Class of Insulation	Class F
Coil Protection	IP 65

Model Selection Chart

HPC	Series	Type	Port Size	Valve Type	Way
1	2	3	4	5	6
HPC	I	S (Spool Type)	1 - 1/8" 2 - 1/4" 3 - 3/8" 4 - 1/2" 5 - 3/4" 6 - 1" (BSP Threads)	HLV - Hand Level Valve PBV - Push Button Valve RLV - Roller Level Valve PPV - Push Pull Valve DRV - Disk Rotary Valve SSV - Single Solenoid Valve DSV - Double Solenoid Valve DAV - Direct Acting Valve DPH - Diaphragm Operated Valve SPV - Single Pilot Valve DPV - Double Pilot Valve	2 - 2/2 3 - 3/2 4 - 5/2 5 - 5/3

E.g. 1/8" BSP 2/2 way Direct Acting Valve is represented as (HPC-I-S-1-DAV-2)