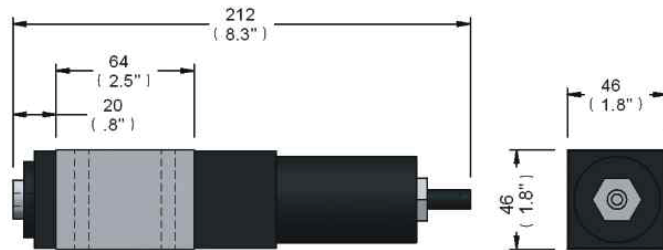
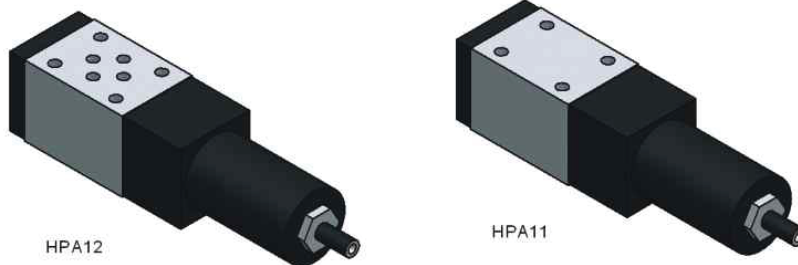


Pressure Reducing Valve



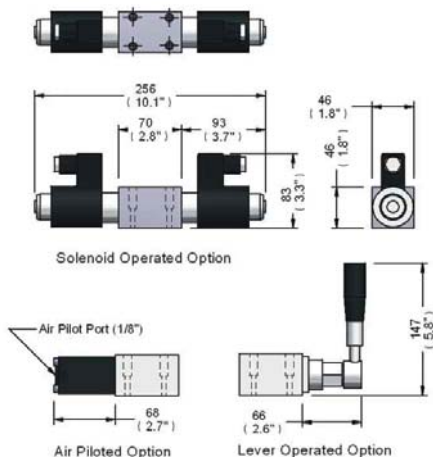
A direct operated CETOP03/DO3/NG6 pressure reducing valve for use with HEYPAC pumps. The valve is supplied in either "flange" form (HPA11) for use as a single sub-plate mounted valve or "sandwich" form (HPA12) for use as part of a valve stack. The reduced pressure is adjustable by means of a socket head screw.

- Maximum Inlet Pressure 315 Bar.
- Maximum Flow rate 20l/min.
- Reduced Pressure Ranges – See ordering code

ORDERING CODES

Description	Codes
Main code	HPA 11 - A X - 200
Model:	
Flange Mount	HPA 11
Sandwich Mount	HPA 12
Reduced Pressure Port:	
"A" port (HPA 11 & HPA 12)	A
"B" port (HPA 12 only)	B
"P" port (HPA 12 only)	P
Adjuster:	
Socket head screw	X
Reduced Pressure Range:	
5 - 315 Bar	315
5 - 200 BAR	200
4 - 160 BAR	160
4 - 125 BAR	125
2 - 63 BAR	63
1 - 31.5 BAR	31

W2 Poppet Directional Valves

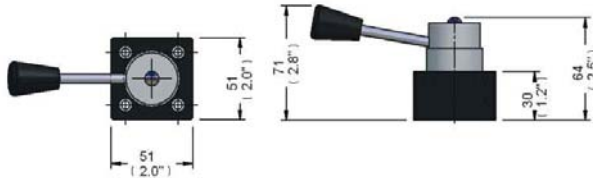


W2 Series ultra low leakage Poppet Directional Valves – CETOP03/DO3/NG6 manifold interface.

- Available in 2/2, 3/2, 3/3, 4/3 and 4/4 configurations.
- Solenoid, air pilot or lever operation in most types. Manual override as standard on solenoid operated versions.
- Available with or without check valve or orifice disc in pressure port.
- Special versions for accumulator and clamping systems with closed-crossover switching characteristics. Maximum flow rate 10l/min. Standard version W2N becomes W2P.
- Coils can be replaced without disturbing or opening the hydraulic system.
- Maximum pressure W2 series 315bar NBVP series 400bar.
- Maximum flow 20 l/min (W2N types) or 10l/min (W2P types).
- Fluid Temp. Range: -20 deg. C. +70 deg. C.
- Preferred voltages: 24V DC, 115V AC50-60Hz or 230V AC50-60Hz – others available on request.
- Minimum pilot pressure of 5 bar is recommended for air operated valves.
- Mounting attitude: Unrestricted

Valve Symbol	Model No. <i>Function</i>	Ordering Code
	W2*-****-6** 2 Port 2 Position	Solenoid Operated, Air Operated and Lever Operated. Contact HYQUIP for ordering codes
	W2*-****-6** 2 Port 2 Position	Solenoid Operated, Air Operated and Lever Operated. Contact HYQUIP for ordering codes
	W2N-32ON-6AB 3 Port 2 Position	Solenoid Operated W2N-32ON-6AB x Voltage/Hz Air Operated W2N-32ON-6RAD Lever Operated W2P-32ON-6VAB
	W2N-32SN-6AB 3 Port 2 Position	Solenoid Operated W2N-32SN-6AB x Voltage/Hz Air Operated W2N-32SN-6RAD Lever Operated W2P-32SN-6VAB
	W2N-33RN-6AB 3 Port 3 Position	Solenoid Operated W2N-33RN-6AB x Voltage/Hz Air Operated W2N-33RN-6QAD Lever Operated W2P-33RN-6VAB
	W2N-43FN-6AB 4 Port 3 Position	Solenoid Operated W2N-43FN-6AB x Voltage/Hz Air Operated W2N-43FN-6RAD Lever Operated W2P-43FN-6VAB
	W2N-43GN-6AB 4 Port 3 Position	Solenoid Operated W2N-43GN-6AB x Voltage/Hz Air Operated W2N-43GN-6RAD Lever Operated W2P-43GN-6VAB
	NBVP-16G-WG 4 Port 3 Position	Solenoid Operated NBVP-16G-WG x Voltage/Hz

Rotary Lever Operated Valves



A range of ultra low leakage, manifold mounted rotary lever operated valves for pressures up to 414 Bar (6000psi) and maximum flow rate 12lpm. The valves have extremely low leakage, less than one drop per two minutes at rated pressure. They are compact, lightweight and shift easily even under maximum pressure. The manifold interface conforms to CETOP03/DO3/NG6. As well as the manifold connection, the valves are also available in body-ported versions to special order. The valves are constructed of heat-treated alloy steel and aluminium components. The valves are suitable for use with mineral based oils. For use with other fluids please contact HYQUIP

Valve Symbol	Function	Ordering Code
	3 Port 2 Position	MDCM-035-NO
	4 Port 3 Position	MDCM-045-NO
	4 Port 2 position Detented	MDCM-045-NO-D