



in (mm)

This valve is a 2 port cartridge designed to convert hydraulic power from your application into electrical power. The valve accepts flow from Port 1 to Port 2 and outputs a 3-phase AC voltage signal.

TECHNICAL DATA NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Number of Outputs	1
Vibration	33.3 Hz 6.8g Peak (Spec: S-367 Section 11.0)
Shock	49g Peak (Spec: S-367 Section 12.0)
External Drain Port Interface	4mm PTC Connector
External Drain Port Leakage Rate	6 drops/hr
Maximum Ambient Temperature	160 °F
Maximum Flow Rate	50 gpm
Maximum Load Current	3A
Maximum Operating Pressure (Port 2)	200 psi
Minimum Flow Rate to Harvest Energy (No Load)	10 gpm
Output Voltage - Maximum Flow Rate	30 VDC (After Rectification)
Termination	Deutsch DT04-4P
Duty Cycle Rating	100 %
Connector	4-Pin Deutsch (3 Phase AC Output)
Seal kit - Cartridge	Viton: 990-316-006

CONFIGURATION OPTIONS

Model Code Example: EVECXX

CONTROL

(X)

FUNCTIONAL SETTING RANGE

(X)

Standard

No Check