

HARTMANN

PUMPS - MOTORS - CONTROLS

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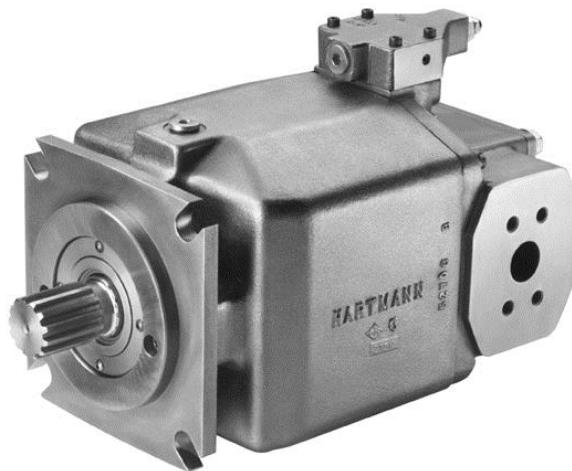
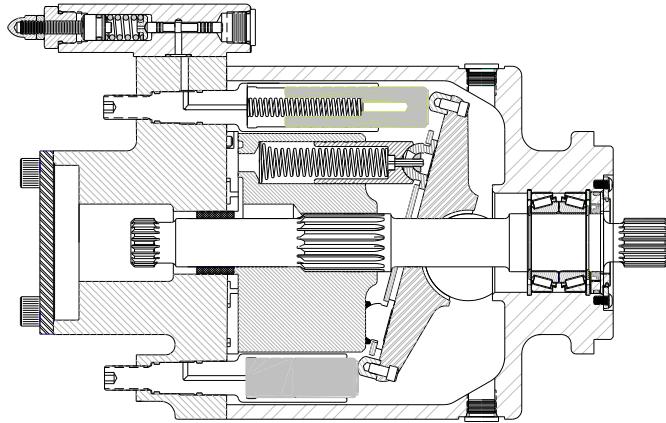
URL: <http://www.hartmanncontrols.com>

FRAME 4

PVX 11176 SERIES

(190 cm.³/rev.) (11.7 in.³/rev.)

VARIABLE DISPLACEMENT, AXIAL PISTON, SWASH PLATE DESIGN PUMP



Features:

- ➔ Offered with standard SAE 'D', & 4-bolt mount.
- ➔ Incorporated in a compact design with rugged ductile iron frame.
- ➔ Offered with variety of porting configurations.
- ➔ Offered with a variety of drive shaft options.
- ➔ Is Service friendly.
- ➔ Equipped with Viton shaft seal and O-rings.
- ➔ Can be fitted with a variety of control options.
- ➔ Equipped with maximum and minimum volume stops. The latter is adjustable.

This versatile PVX pump is aimed at operating in both industrial and mobile applications. With its continuous operating pressures ranging from 500 to 3250 psi, and shaft speeds up to 2200 rpm at atmospheric inlet conditions, this pump is designed for a long and dependable service.



Pumps & Motors with a hart of gold

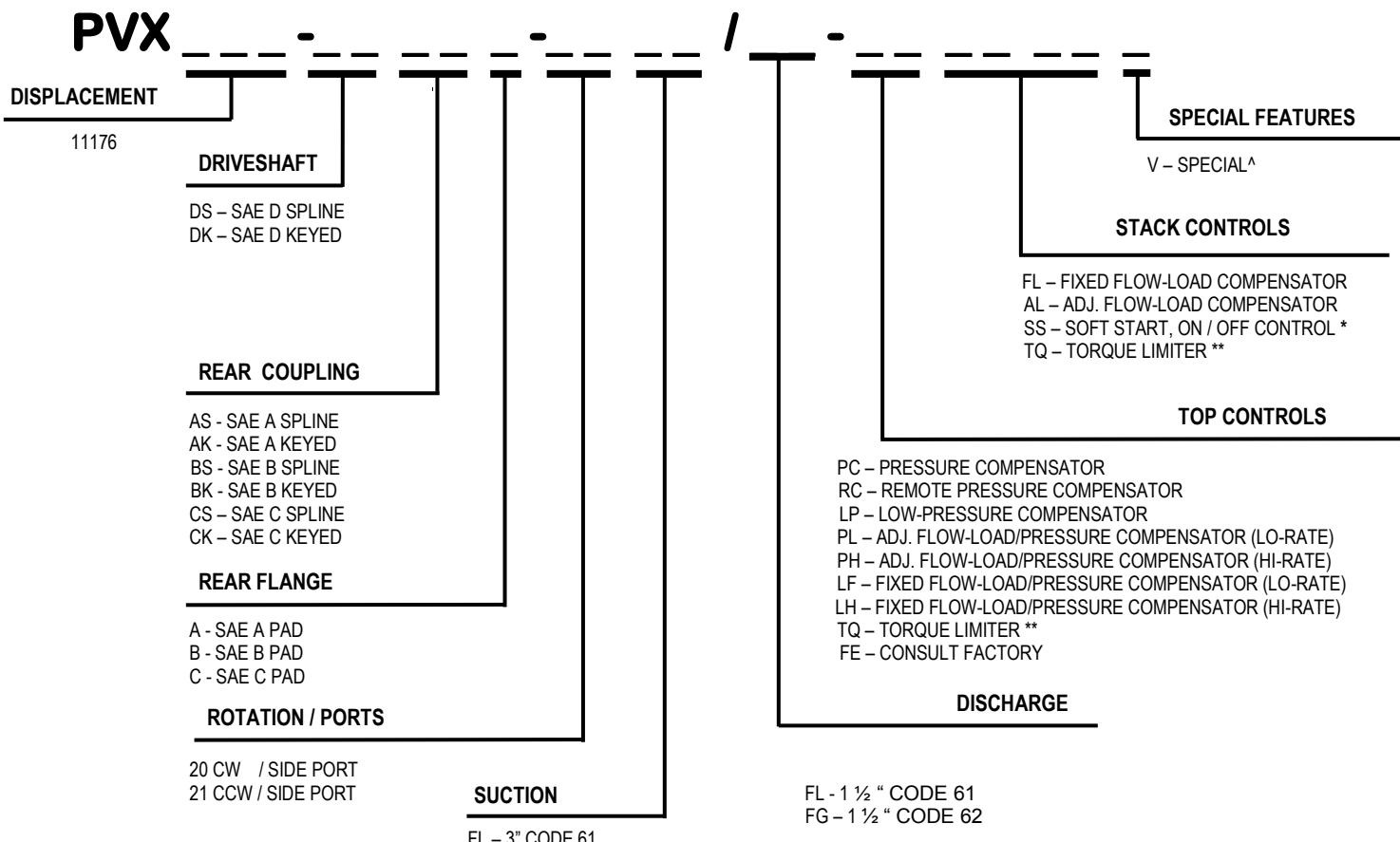
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FRAME 4, PVX 11176 SPECIFICATIONS

PVX	RATED PRESSURE	PEAK PRESSURE	MINIMUM PRESSURE	
11176	3250 lb/in² (224 bar)	3750 lb/in² (259 bar)	500 lb/in² (34 bar)	
PVX	DISPLACEMENT	THEORETICAL FLOW @ 1800 rpm	SHAFT SPEED	
11176	11.0 in³/rev (176 cm ³ /rev)	85.7 gal/min (324.5 l/min)	2200 rpm	650 rpm
PVX	OUTPUT TORQUE @ RATED PRESSURE	SHAFT SIZE	RECOMMENDED TORQUE LIMIT	
11176	5,691 in-lb (643.0 N-m)	SAE D	14,500 in-lb (1638.0 N-m)	

Input-shaft torque may not exceed the total of front-pump torque and (if added) rear-mounted units.

MODEL SPECIFICATION CHART



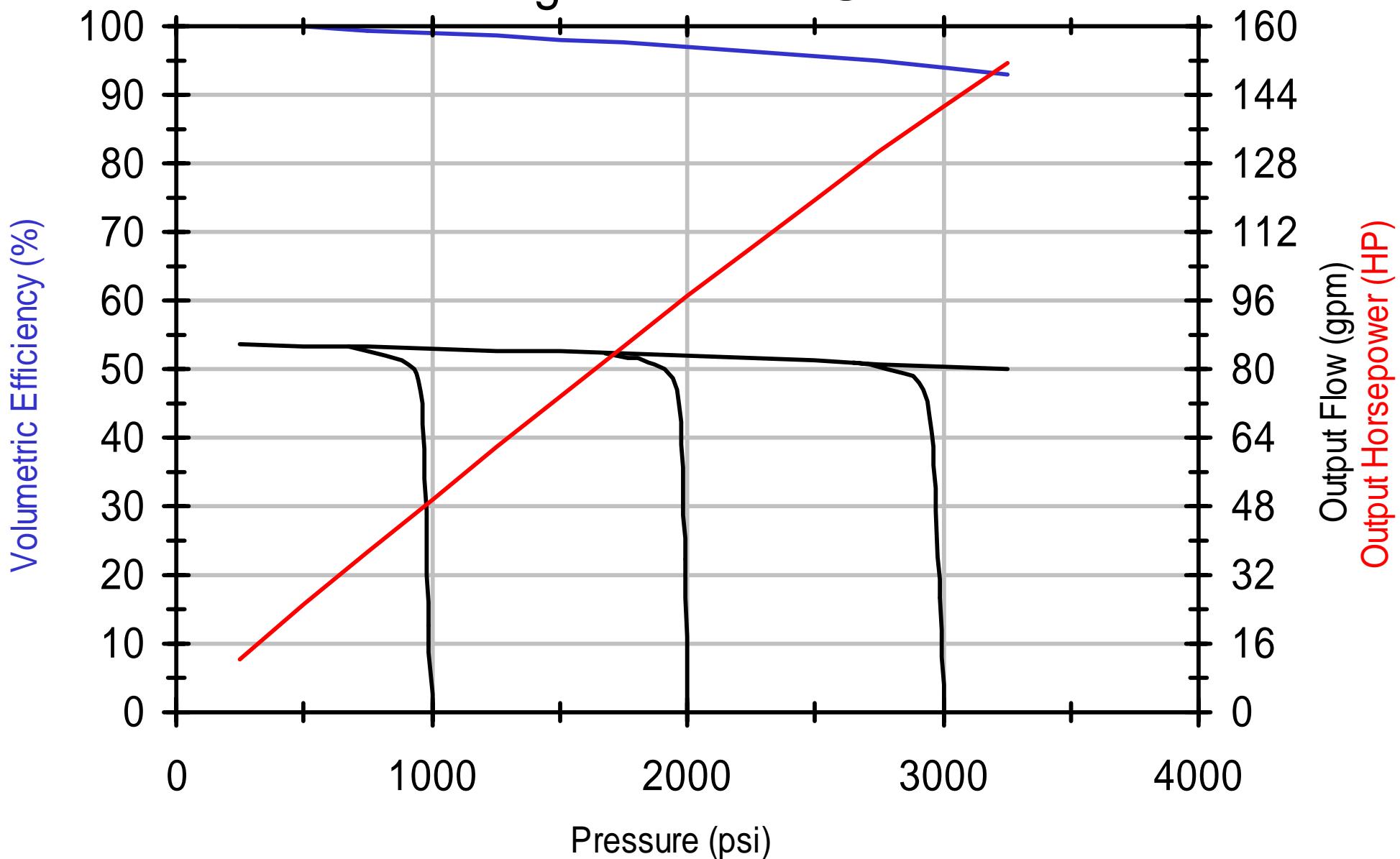
* - SPECIFY VOLTAGE, CONNECTION AND ENERGIZE OPTION

** - SPECIFY TERMINAL PRESSURE AND HORSE POWER

[^] - CONSULT FACTORY

PVX 11176, Frame 4 Pump Performance @ 1800 rpm

Using ISO 32 Oil @ 115 °F



FRAME 4, PVX 11176 DIMENSIONS

