

X30 Oil Pumps



- Rotating swash plate design
- Pressures up to 870 bar
- Flows up to 33.44 l/m (8.83 USg/m)
- Horizontal or Vertical Mounting

The Type X30 hydraulic axial piston pump is of a 30 kW rotating swash plate design and can deliver pressures up to 870 bar.

To suit your fluid compatibility, environment, maintenance and value requirements, these pumps are available with all stainless steel or all carbon steel external components.

The X30 pump is available with 3 or 6 pistons, providing flow rates up to 33.44 l/m (8.83 USg/m) as listed in the table below.

Installation

Rotation is bi-directional and the pump may be mounted horizontally or vertically.

A suction filter of 150 microns or better should be used. Finer filtration is desirable for the pump life, but is important that the inlet flowrate to the pump is not restricted and no more than -2 in.Hg is measured in the suction pipework under pumping conditions. Where possible a positive pressure should be maintained in the suction pipework under flowing conditions. When the pump is stationary the suction line should be kept under positive pressure to allow priming.

Fluids

These pumps are designed to run on mineral oils with an operating viscosity between 15 and 100 cst. Consult the factory for viscosities outside this range.

Temperature

The operating temperature range is -20°C; to +60°C (Ambient).

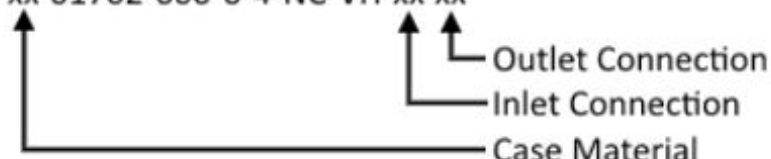
Weight

59 Kg

Part Number	Cylinders	Flow	Flow @ 1450 RPM		Flow @ 1750 RPM		Pressure bar
		cc/rev	l/m	Usg/m	l/m	Usg/m	
X30-xx-00402-0870-3-4-NC-VH-xx-xx	3	4.02	5.83	1.539	6.52	1.720	870
X30-xx-00472-0870-3-4-NC-VH-xx-xx	3	4.72	6.84	1.806	8.26	2.180	870
X30-xx-00547-0870-3-4-NC-VH-xx-xx	3	5.47	7.93	2.095	9.58	2.528	870
X30-xx-00587-0870-3-4-NC-VH-xx-xx	3	5.87	8.51	2.247	10.27	2.712	870
X30-xx-00671-0870-3-4-NC-VH-xx-xx	3	6.71	9.73	2.568	11.74	3.099	870
X30-xx-00851-0870-3-4-NC-VH-xx-xx	3	8.51	12.34	3.258	14.89	3.932	870
X30-xx-00804-0870-6-4-NC-VH-xx-xx	6	8.04	11.66	3.078	14.07	3.715	870
X30-xx-00944-0870-6-4-NC-VH-xx-xx	6	9.44	13.68	3.612	16.51	4.360	870
X30-xx-01094-0870-6-4-NC-VH-xx-xx	6	10.94	15.87	4.189	19.15	5.056	870
X30-xx-01174-0870-6-4-NC-VH-xx-xx	6	11.74	17.02	4.494	20.54	5.424	870
X30-xx-01341-0765-6-4-NC-VH-xx-xx	6	13.41	19.45	5.135	23.48	6.198	765
X30-xx-01702-0600-6-4-NC-VH-xx-xx	6	17.02	24.68	6.516	29.79	7.864	600
X30-xx-01911-0535-6-4-NC-VH-xx-xx	6	19.11	27.71	7.315	33.44	8.829	535

Additional Options

X30-xx-01702-600-6-4-NC-VH-xx-xx



External Construction

- 00 - Stainless Steel Construction
- 01 - Carbon Steel Construction

Inlet Connection Options

- 05 - 1" BSP Female Inlet
- 10 - 1" NPT Female Inlet (With Adapter)

Outlet Connection Options

- 03 - 1/2" BSP Female Outlet (Pressures up to 700 bar)
- 04 - 3/4" BSP Female Outlet (Pressures up to 700 bar)
- 08 - 1/2" NPT Female Outlet (Pressures up to 800 bar)
- 09 - 3/4" NPT Female Outlet (Pressures up to 800 bar)
- 13 - 9/16" MP Female Outlet
- 15 - 1" MP Female Outlet

Dimensions

