

OIL POLISHING UNIT



DESCRIPTION:

This offline polishing unit is for a general polishing setup which can achieve NAS 6 or ISO 16/14/12 oil cleanliness requirements. The set up consists of two tandem in line filters that have a 10 and 3 micron rated elements.

APPLICATIONS:

This is an Offline Polishing Unit which can be used for various types of hydraulic oil:

- Petroleum
- Synthetic
- Water based

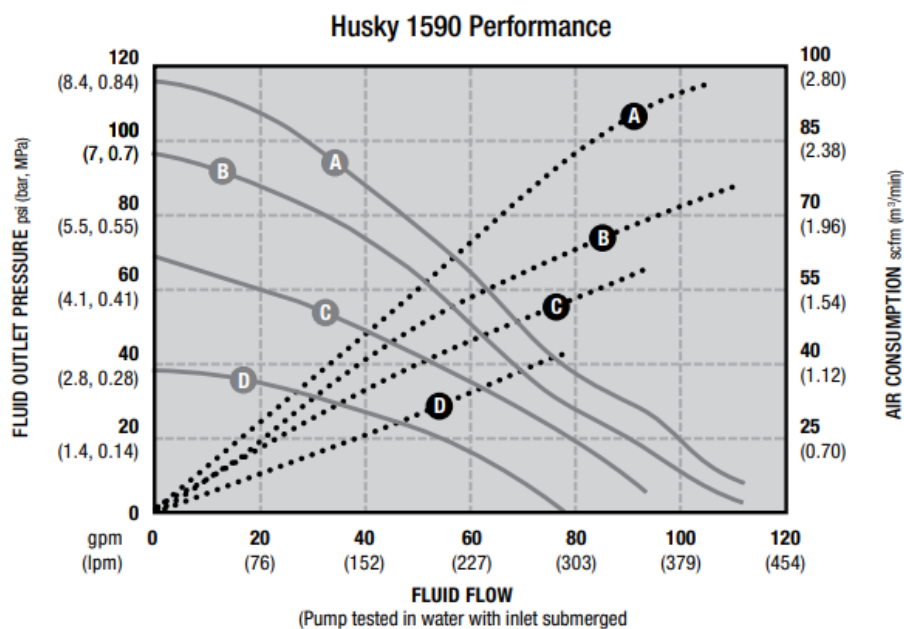
SPECIAL FEATURES:

- Portable detachable setup
- Interchangeable pump set up (flexibility for flow size requirements)
- Light weight and specifically designed for convenient mobility

Technical Specifications: Graco Diaphragm Pump 1590



Pump Type:	Graco Husky 1590 Air Diaphragm Pump
Max. Fluid working pressure	120 psi (8.4 bar)
Maximum free flowing delivery	100 gpm (378.5lpm)
Maximum pump speed	200 cpm
Displacement per cycle**	0.5 Gallon (1.96 litres)
Maximum size pumpable solids	4.8mm
Maximum operating temperature	65.5 degrees (celsius)
Typical sound level at 70 psi (4.9 bar)	77 dBa
Maximum air consumption	125 scfm
Air operating pressure range	20 to 120 psi
Air inlet size	1/2 npt(f)
Fluid inlet and outlet size****	1-1/2 in (38.1mm) ANSI-flange
Weight	16kg

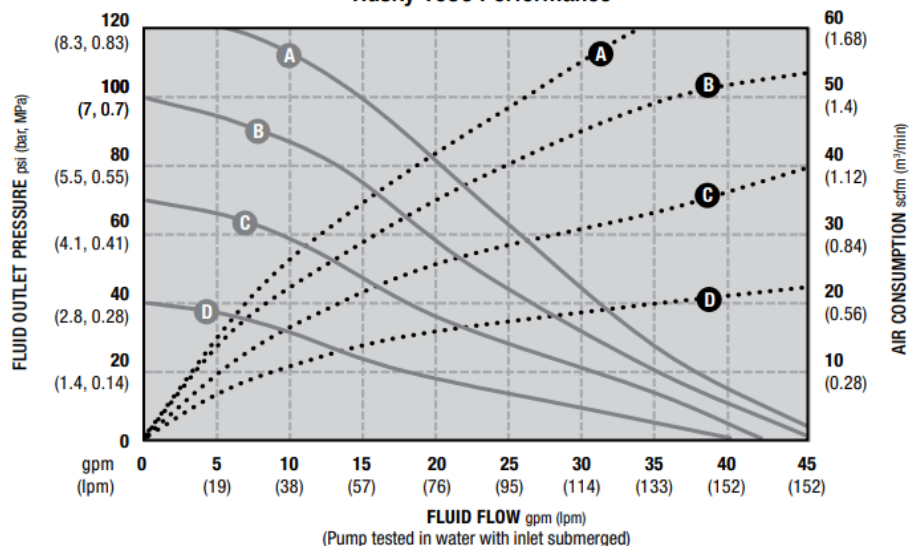


Technical Specifications: Graco Diaphragm Pump 1050



Pump Type:	Graco Husky 1050 Air Diaphragm Pump
Max. Fluid working pressure	125 psi (8.6 bar)
Maximum free flowing delivery	50 gpm (189 lpm)
Maximum pump speed	280 cpm
Displacement per cycle**	0.17 Gallon (0.64 litres)
Maximum size pumpable solids	3.2mm
Sound power*	
at 70 psi	78 dBa
at 100 psi	90 dBa
Sound pressure**	
at 70 psi	84 dBa
at 100 psi	96 dBa
Maximum air consumption	67 scfm
Air consumption at 70 psi	25 scfm
Air pressure operating range	20-125 psi (1.4-8.6 bar, 0.14-0.86 MPa)
Air Inlet size	1/2 npt(f)
Fluid inlet size	1 in npt(f) or 1 in bspt
Fluid outlet size	1 in npt(f) or 1 in bspt
Weight	10.5 kg

Husky 1050 Performance



Technical Specifications: Filter Housing



Filter Type	Hydac Inline Filter LF
Element	µm 660
Port size	1 1/2 Inch
Filtration rating (microns)	3,5,10,15,20
Maximum operating pressure	5 bar
Clogging indicator	Visual

Technical Specifications: Filter Element (Optimicron)



Filtration rating	Element Type
3µm	0660 D 003 ON/-QPD
5µm	0660 D 005 ON/-QPD
10µm	0660 D 010 ON/-QPD
20µm	0660 D 020 ON/-QPD

Technical Specifications: Flow Meter



Display	Liquid Crystal Display
Housing type	Polypropylene
IP rating	67
Temperature range	-20° - 60° (C)



All components of the unit are carefully packed into this site box for secure transit and protection.

Dimensions:

L - 1600

W - 1000

H - 1100

Weight:

200kg which includes Trolley, Components and hoses.

Weight may change which is TBC at receipt of order.