

400 SERIES

STANDARD-DUTY HIGH PRESSURE PUMPS

Double acting air operated high pressure pumps for dispensing lubricants in applications requiring higher pressure and moderate flow rates, such as medium to large size installations including multiple outlets with no simultaneous use. Pumps include height adjustable 2" NPTM bung adaptor for drum or tank bung mounting. Built in port for optimal (PN 609 007) pressure relief valve.



FLUIDS HANDLED

- Synthetic and mineral based oil.
- Hydraulic oil.
- Gear lube.
- Transmission fluid.
- Corrosion protection fluids.

MARKETS SERVED

- Vehicle maintenance centers.
- Fleet service facilities.
- Marine.
- Mining and construction.
- Lube trucks.

MODELS

PART No.	APPLICATION	WEIGHT
349 120	Universal stub pump with bung adaptor	13 lb (5,7 kg)
349 820	16 gal with bung adaptor	15 lb (6,8 Kg)
349 220	55 gal (205 l) drum bung mounted with bung adaptor	16.5 lb (7,4 kg)
486	275/500 gal tank (48") with bung adaptor	18.5 lb (8,4 kg)
490	60" tank with bung adaptor	20.5 lb (9,30 Kg)

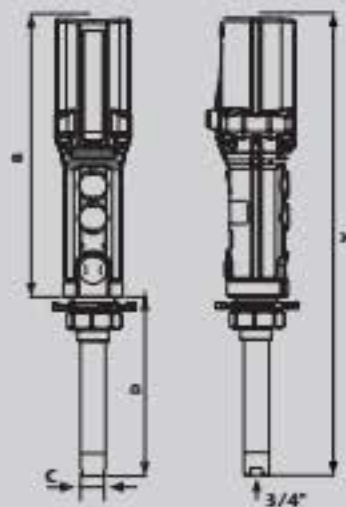
TECHNICAL DATA PRESSURE RATIO 8:1

Air pressure operating range	40 to 140 psi (3 -10 bar)
Air consumption (1)	16 scfm (450 NL/min)
Maximum fluid outlet pressure	1,120 psi (80 bar)
Air motor diameter	3 1/2" (88 mm)
Air motor effective diameter	2 1/2" (60 mm)
Air motor stroke	4" (100 mm)
Delivery at 200 cpm	2.7 US gpm (10 l/min)
Maximum free flow delivery (2)	5.8 US gpm (22 l/min)
Air inlet	3/8" NPTF
Fluid inlet (stub pump only)	3/4" NPTF
Fluid outlet	3/4" NPTF
Wetted and seal materials	Aluminium / Steel / NBR / PTFE
Noise level (3)	80 dB
Manual	834 815

DIMENSIONS Inches - (mm)

PART No.	349 120	349 820	349 220
A	24 3/4" (627)	42 3/4" (1.085)	51 3/4" (1.317)
B	15 1/4" (385)	15 1/4" (385)	15 1/4" (385)
C	1 1/4" (34)	1 1/4" (34)	1 1/4" (34)
D	9 1/2" (242)	27 1/2" (700)	36 3/4" (932)
PART No.	486	490	
A	63 1/4" (1.600)	75 1/4" (1.910)	
B	15 1/4" (385)	15 1/4" (385)	
C	1 1/4" (34)	1 1/4" (34)	
D	48" (1.215)	60" (1.525)	

- (1) Air consumption with 90 psi (6 bar) air inlet pressure and 200 cycles per minute.
 (2) Maximum free delivery at 100 psi (7 bar).
 (3) Maximum noise level measured at 3' (1 m) from the pump, 100 psi (7 bar) air pressure and free delivery.



SAE 30 - 68 °F (20 °C) CAPACITY CURVE

