

STANDARD-DUTY MEDIUM PRESSURE PUMPS

400 SERIES

Double acting air operated medium pressure pumps for dispensing lubricants in medium to large size installations, that include multiple outlets with simultaneous operation. Pumps include height adjustable bung adaptor 2" NPTM for drum and tank bung mounting. Built in port for optional (PN 609 007) pressure relief valve.

FLUIDS HANDLED

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

MARKETS SERVED

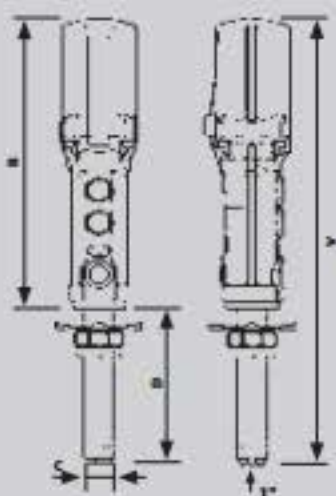
- Auto and truck dealers.
- Fleet service facilities.
- Mining and construction.
- Lube trucks.
- Marine.
- Railroad and mass transit.
- In-plant.



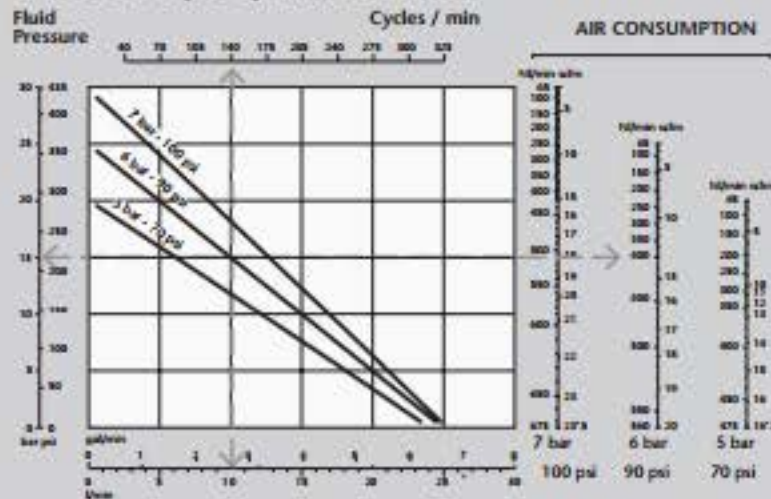
MODELS		
PART No.	APPLICATION	WEIGHT
347 120	Universal stub pump with bung adaptor	12.5 lb (5,6 kg)
347 520	16 gal with bung adaptor	15 lb (6,8 kg)
348 120	55 gal (205 l) drum bung mounted with bung adaptor	16.5 lb (7,4 kg)
413	275/500 gal tank (48") with bung adaptor	18.5 kg (8,4 kg)
460	60" tank with bung adaptor	20.5 lb (9,3 kg)

TECHNICAL DATA PRESSURE RATIO 5:1	
Air pressure operating range	20 to 140 psi (1,5 - 10 bar)
Air consumption (1)	14 scfm (400 NL/min)
Maximum fluid outlet pressure	700 psi (50 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 125 cpm	2.7 US gpm (10 l/min)
Maximum free flow delivery (2)	6.6 US gpm (25 l/min)
Air inlet	3/8" NPTF
Fluid inlet (stub pump only)	1" NPTF
Fluid outlet	3/4" NPTF
Wetted and seal materials	Aluminium / Steel / Polyurethane / NBR / PTFE
Noise level (3)	80 dB
Manual	834 811

- (1) Air consumption with 90 psi (6 bar) air inlet pressure and 125 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



DIMENSIONS Inches - (mm)			
PART No	347 120	347 520	348 120
A	26" (663)	42 3/4" (1.085)	51 1/4" (1.300)
B	15 1/4" (385)	15 1/4" (385)	15 1/4" (385)
C	1 3/4" (42)	1 3/4" (42)	1 3/4" (42)
D	11" (278)	27 1/2" (700)	36" (915)
PART No	413	460	
A	63 1/4" (1.600)	75 1/4" (1.910)	
B	15 1/4" (385)	15 1/4" (385)	
C	1 3/4" (42)	1 3/4" (42)	
D	48" (1.215)	60" (1.525)	