MYERS°C35-20 HIGH PRESSURE RECIPROCATING PISTON PUMP



Over a century of experience has proven that the Pentair's Myers line of reciprocating pumps are designed and built with performance you can rely on. Our C35 high pressure reciprocating pump combines manufacturing expertise and application understanding for a pump that is perfect for a variety of high pressure jobs. For details, contact your Pentair sales representative, or customer service at 419-289-1144.

ADVANTAGES BY DESIGN

HANDLES WIDE RANGE OF DEMANDING INDUSTRIAL APPLICATIONS.

- High-strength fluid end and spring-loaded Hat valves tor high pressure pumping (up to 2.000 PSI) of large water volumes.
- Pumps liquids to 180°F in mine, mill, food processing, car wash, sewer cleaner and other applications.

PRODUCT CAPABILITIES, SPECIFICATIONS

HORSEPOWER PERFORMANCE DATA

Flow		Horsepower Required For:								
Cap.	RPM	600	800	1000	1200	1400	1600	1800	2000	
GPM		PSI	PSI	PSI	PSI	PSI	PSI	PSI	PSI	
19.5	375	8.0	10.7	13.4	16.1	18.7	21.4	24.1	26.8	
24.6	475	10.1	13.5	16.9	20.3	23.6	27.0	30.4	33.8	
29.8	575	12.3	16.4	20.5	24.5	28.6	32.7	36.8	40.9	
35.0	675	14.4	19.2	24.0	28.8	33.6	38.4	43.2	48.0	

KII OWATT PERFORMANCE DATA

Flow	Kilowatts Required For:								
Capacity LPM	RPM	41 BAR	55 BAR	69 BAR	83 BAR	96 BAR	110 BAR	124 BAR	138 BAR
73.8	375	6.0	8.0	10.0	12.0	13.9	16.0	18.0	20.0
93.1	475	7.5	10.1	12.6	15.1	17.6	20.1	22.7	25.2
112.8	575	9.2	12.2	15.3	18.3	21.3	24.4	27.4	30.5
132.5	675	10.7	14.3	17.9	21.5	25.1	28.6	32.2	35.8

• Horsepower required is based upon 85% overall efficiency.

Formula: (1) HP required = $GPM \times PSI \text{ or } KW = LPM \times BAR$ (electric brake)

(2) Expected GPM = Rated GPM x Working RPM or Rated RPM

Expected LPM = Rated LPM x Working RPM or Rated RPM

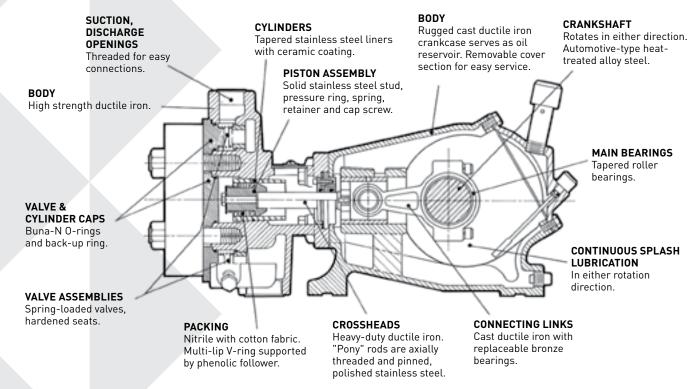
Motor shieve = Pump shieve x Pump RPM 0.D. size O.D. size Motor RPM

NOTE: Horsepower requirements for an internal combustion engine (gas or diesel) may be obtained by multiplying the figures listed by 1.3. Do not exceed 80% of the manufacturer's advertised horsepower at operating RPM.

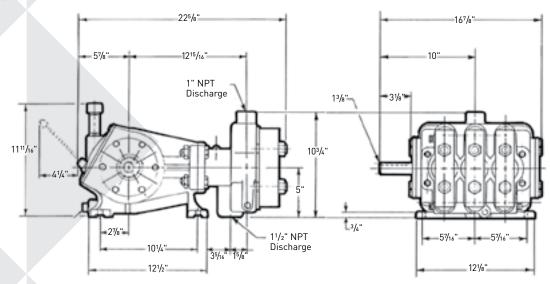
Catalog Number	Max. Rated Capacity GPM (LPM)	Max. Rated Pressure PSI (Bar)	Temp. Rating °F (°C)	Size in inches (mm)						
				Cylinder Bore	Piston Stroke	Suction Size NPT	Discharge Size NPT	Input Shaft	Keyway	Approx. Wgt. Lbs. (kg)
C35-20 Triplex	35 (132.49)	2000 (138)	180 (82)	1 3/4 (44.45)	1 3/4 (44.45)	1 1/2 (38.1)	1 (25.4)	1 3/8 (34.93)	5/16 x 5/32 (7.94 x 3.97)	230 (104.2)



FLUID END POWER END



DIMENSIONS





740 EAST 9TH STREET, ASHLAND, OHIO 44805 WWW.FEMYERS.COM 490 PINEBUSH ROAD, UNIT 4, CAMBRIDGE, ONTARIO N1T 0A5 WWW.FEMYERS.COM