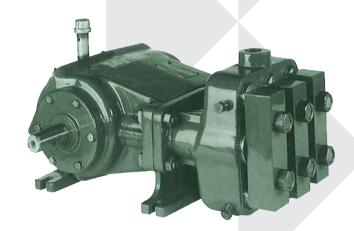
MYERS°C SERIES High Pressure Reciprocating Piston Pump

Over a century of experience has proven that Pentair's Myers[®] line of reciprocating pumps are designed and built with performance you can rely on. Our C Series high pressure reciprocating pumps combine manufacturing expertise and application understanding for a pump that is perfect for a variety of high pressure jobs.

Advantages By Design

Handles wide range of demanding industrial applications.

- High-strength fluid end and spring-loaded flat valves for high pressure pumping of large water volumes.
- Pumps liquids in mine, mill, food processing, car wash, sewer cleaner and other applications.



Horsepower Requirements

	C25-25												
GPM	RPM	700 psi	1000 psi	1300 psi	1600 psi	1900 psi	2200 psi	2500 psi					
12.5	325	6.0	8.6	11.2	13.7	16.3	18.9	21.4					
16.4	425	7.9	11.3	14.6	18.0	21.4	24.8	28.1					
20.2	525	9.7	13.9	18.0	22.2	26.3	30.5	34.7					
24.1	625	11.6	16.5	21.5	26.5	31.4	36.4	41.4					

	C35-20										
GPM	RPM	600	800	1000	1200	1400	1600	1800	2000		
0111	1 111	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		

				C40	-20				
GPM	RPM	600 psi	800 psi	1000 psi	1200 psi	1400 psi	1600 psi	1800 psi	2000 psi
20.3	300	8.4	11.1	13.9	16.7	19.5	22.3	25.1	27.9
25.4	375	10.5	14	17.4	20.9	24.4	27.9	31.4	34.9
32.2	475	13.3	17.7	22.1	26.6	30.9	35.4	39.8	44.2
39.0	575	16.1	21.4	26.8	32.2	37.5	42.8	48.3	53.5

Kilowatt Requirements

C25-25										ı
	LPM	RPM	48.3 bar	68.9 bar	89.6 bar	110.3 bar	131 bar	151.7 bar	172.4 bar	
	47.4	325	4.5	6.4	8.3	10.2	12.2	14.1	16.0	
	62.1	425	5.9	8.4	10.9	13.4	15.9	18.4	21.0	
	76.7	525	7.2	10.3	13.4	16.6	19.7	22.8	25.9	
	91.3	625	8.6	12.3	16.0	19.7	23.4	27.1	30.8	

				COU	-20				
LPM	RPM	41	55	69	83	96	110	124	138
LITI	1/1 1/1	bar	bar	bar	bar	bar	bar	bar	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
1325	675	10.7	1/, 3	17 9	21 5	25.1	28.6	32.2	35.8

				C40	I-2U				
IPM	RPM	41	55	69	83	96	110	124	138
LITT	IXI I I	bar							
76.8	300	6.3	8.3	10.4	12.6	14.5	16.6	18.9	20.8
96.1	375	7.8	10.4	13.0	15.6	18.2	20.8	23.4	26.0
121.9	475	9.9	13.2	16.5	19.8	23.0	26.4	29.7	33.0
147.6	575	12.0	16.0	20.0	24.0	28.0	32.0	36.0	40.0

Note: Above bold line is continuous duty, Below bold line is intermittent.

Product Capabilities, Specifications

	Max. Rated	Max. Rated Pressure psi (bar)					Temp.		9	Size in i	nches (m	m)		Approx.
Catalog Number	Catalog Canacity		re Rating °F (°C)	Cylinder Bore	Piston Stroke	Suction Size NPT	Discharge Size NPT	Input Shaft	Keyway	Weight lbs. (kg)				
C25-25 Triplex	25 (94.6)	2500 (172)	180 (82)	1 1/2 (38.1)	1 3/4 (44.45)	1 1/2	1	1 3/8 (34.93)	5/16 x 5/32 (7.94 x 3.97)	230 (104.2)				
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)				
C40-20 Triplex	40 (193.04)	2000 (138)	160 (71)	2 (50.80)	1 3/4 (44.45)	2 (50.80)	1	1 3/8 (34.93)	5/16 x 5/32 (7.94 x 3.97)	230 (104.2)				

- Horsepower required is based upon 85% overall efficiency.
- Formula: [1] hp required = GPM x psi or kW = LPM x bar (electric brake) 1457 511

 [2] Expected GPM = Rated GPM x Working RPM Rated RPM

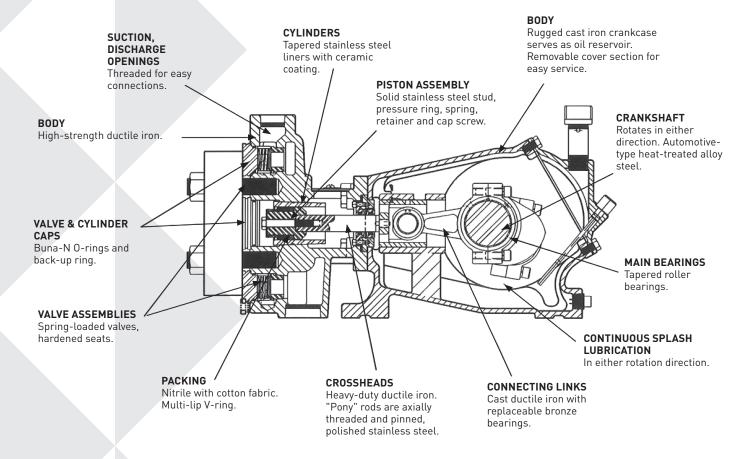
 Expected LPM = Rated LPM x Working RPM Rated RPM

 Motor sheave = Pump sheave x Pump RPM O.D. size Motor RPM

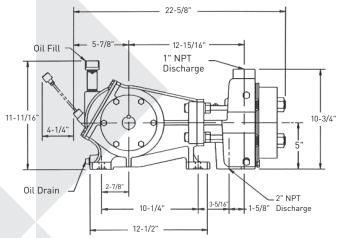
NOTE: Horsepower requirements for an internal combustion engine (gas or diesel) may be obtained by multiplying the figures listed by 1.3. Do not exceed 80% of the manufacturer's advertised horsepower at operating RPM.

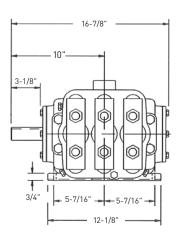


Fluid End



Dimensions







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