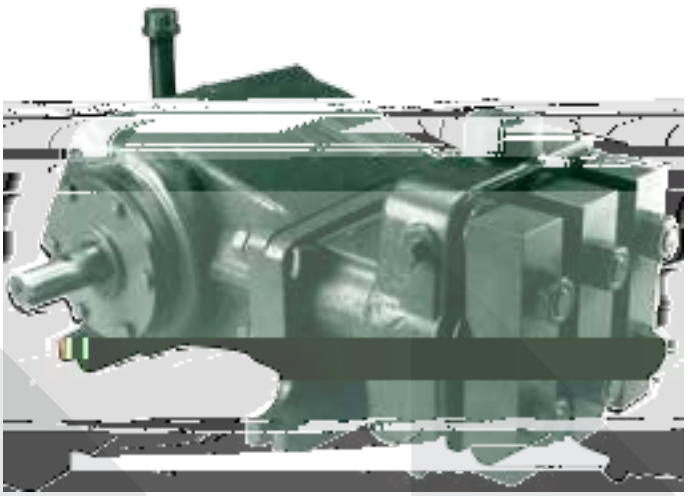
MYERS® C35-20

SSure reCIPrOCatIng PIStOn PuMP



HOrSePOWer PerFOrManCe Data

Flow Cap. gPM	RPM	Horsepower Required For: 600 PSI	800 PSI	1000 PSI	1200 PSI	1400 PSI	1600 PSI	1800 PSI	2000 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

KILOWatt PerFOrManCe Data

Flow Capacity LPM	RPM	Kilowatts Required For: 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 = (electric brake) $\frac{\text{gPM x PSI}}{1457}$ or KW = $\frac{\text{LPM x Bar}}{511}$

  (2) expected gPM = rated gPM x $\frac{\text{Working rPM}}{\text{rated rPM}}$ or

  expected LPM = rated LPM x $\frac{\text{Working rPM}}{\text{rated rPM}}$ or

  Motor shieve O.D. size = Pump shieve O.D. size x $\frac{\text{Pump rPM}}{\text{Motor rPM}}$

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.

ADVANTAGES BY DESIGN

HANDLES WIDE RANGE OF DEMANDING INDUSTRIAL APPLICATIONS.

- High-strength fluid end and spring-loaded Ha -- Ptg I H

PrODuCt CaPaBILItIeS, SPeCIFICatIOnS

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)