

QUICK PRIME

5 HP High Head Self-Priming Centrifugal Pump



PRIMING PUMP DELIVERS STRONG
DEPENDABLE PERFORMANCE FOR THE MOST
DEMANDING JOBS. The heavy duty 184JM
motor, brass impeller, and large capacity
rugged cast iron pump end deliver reliable
and continuous high performance service.
For more details, contact your Myers
distributor or Myers headquarters located in
Ashland, Ohio (Since 1870) at 419-289-1144.

ADVANTAGES BY DESIGN

■ Powerful Performance

- maximum head of 178 feet (77 psi)
- flow capabilities to 135 gpm

■ Heavy Duty Motor

- full frame 184JM design
- extra large, double-ball bearings
- non-overloading, continuous duty rating
- strong capacitor start
- single or three phase options

■ Rugged Pump Case and Motor Bracket

- high tensile cast iron

■ Lead-Free Brass Impeller

 precision machined and balanced for smooth, quiet operation

■ Quick Priming

- large case for maximum water retention to insure quick and easy priming
- true self-priming design with top suction inlet retains water in case and maintains the prime
- exclusive diffuser plate with stainless steel impeller wear ring for fast priming

■ Mechanical Shaft Seal

- precision lapped and polished carbon/ ceramic faces, buna elastomers, and stainless steel metal components
- top suction pump design prevents the seal from running dry

Corrosion Resistant Design

- lead-free brass impeller
- ceramic/glass composite diffuser with stainless steel wear ring
- durable enamel paint applied to inside and outside of castings

■ Easy Serviceability

- convenient back pull-out design

WHERE INNOVATION MEETS TRADITION





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PUMP SPECIFICATIONS

Pipe Tapping Catalog Sizes		Motor		Max.	Approx Wt.	
No.	Suct.	Disch.	Voltage	Phase	Amps	Lbs.
QP50B	21/2"	2"	230	1	29.0	159
QP50B-3	2½"	2"	207/230/460	3	13.4/13.2/6.6	125

APPLICATIONS

- Sprinkler Systems
- Irrigation
- Booster Service
- Water Transfer, Circulation, and Supply
- Dewatering
- Fire Protection
- Industrial/Commercial Applications Requiring Large Flow Rates

CABLE SELECTION

Motor Rating		Copper Wire Size							
Voltage	Phase	14	12	10	8	6	4	2	0
230	1				150	250	400	625	1000
207	3			160	250	400	640	1020	1630
230	3		130	210	340	540	850	1360	2160
460	3	330	530	850	1350	2150	3422	5440	8650

This table is based on copper wire. If aluminum wire is used it must be two sizes larger. Example: When the table calls for #12 copper wire you would use #10 aluminum wire.

PUMP PERFORMANCE

Total Suction		Discha	rge Pre (GPM)	ssure		Max. Pressure	Pipe Size	
in Feet	10 psi	20 psi	30 psi	40 psi	50 psi	(psi)	Suct.	Disch.
0	134	130	126	120	104	77		
5	125	123	113	107	98	75		
10	110	108	107	103	88	72	21/2	2
15	91	90	88	84	80	70		
20	67	65	63	62	40	63		

PERFORMANCE CURVE









