

# MYERS® TWO-STAGE CENTRIFUGAL PUMPS

## RUGGED AND VERSATILE

Myers® I2C and I2CI two-stage centrifugal pumps are designed and built for rugged continuous duty service. This general service pump can be utilized in a wide variety of applications. These high head medium capacity pumps are available in standard fitted (I2C) and all iron (I2CI) construction. The I2C and I2CI have threaded 2" suction and 1 1/2" discharge ports. All frame mounted motor driven units are standard with 3450 rpm, 60 hertz, three phase motors in 5 to 20 horsepower sizes. They are 230/460 volt, open drip proof, general purpose type.

### APPLICATIONS

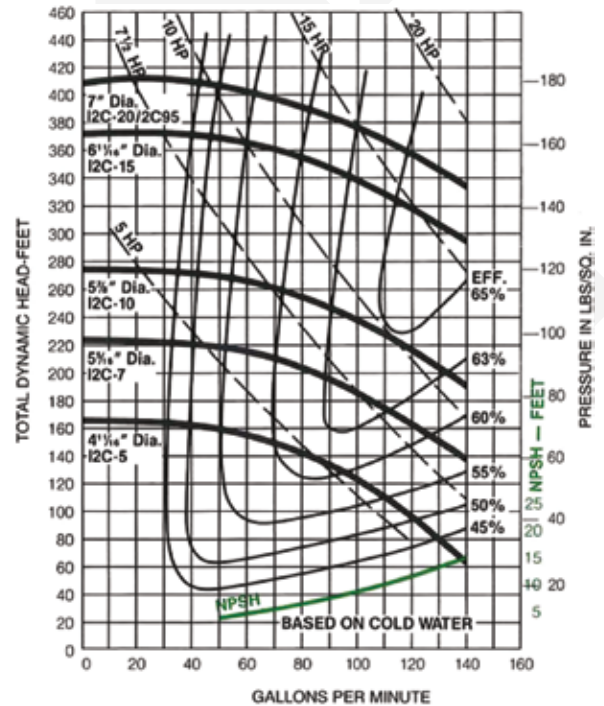
- Booster service
- Irrigation
- Cold and hot water circulation
- Fluid transfer
- Boiler feed
- Car wash installations
- Water reclamation
- Water supply
- Golf course sprinkling
- General industrial and commercial applications
- Jobs requiring pumping clear or noncorrosive liquids



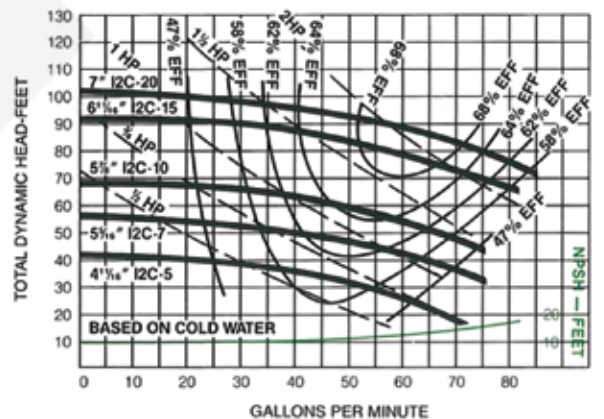
### PERFORMANCE CURVES

I2C AND I2CI TWO-STAGE CENTRIFUGALS

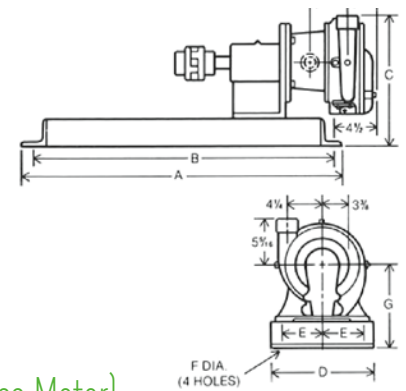
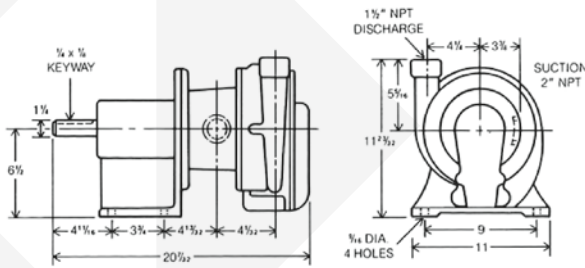
1 1/2" DISCHARGE 2" SUCTION MOTOR DRIVEN-3450 RPM



1700 RPM



# SPECIFICATIONS (For estimating only)



## Basic Pumps

Catalog No.	Eng. No.	Standard Impeller Dia.
I2C-5	15034E014	4 11/16"
I2C1-5	15034E034	
I2C-7	15034E013	5 5/16"
I2C1-7	15034E033	
I2C-10	15034E012	5 7/8"
I2C1-10	15034E032	
I2C-15	15034E011	6 11/16"
I2C1-15	15034E031	
I2C-20	15034E010	7"
I2C1-20/I2C95	15034E001	

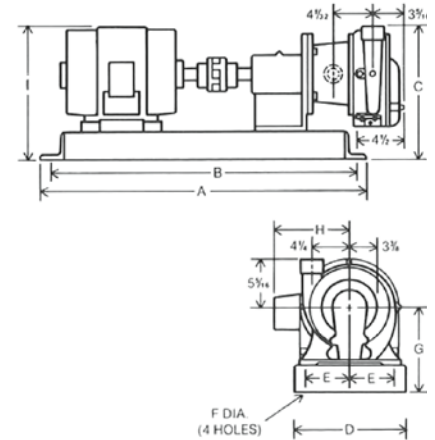
## Frame Mounted (Less Motor)

Catalog No.	Eng. No.	Recom. Motor HP and Frame	Pump Shaft Dia.	Motor Shaft Dia.	DIMENSIONS, INCHES						
					A	B	C	D	E	F	G
I2CB-5	17375B014	5	1 1/4"	1 1/8"	37	35	14 13/16	12	5	5/8	9 1/2
I2CIB-5	17375B039	182T									
I2CB-7	17375B013	7 1/2	1 1/4"	1 1/8"	37	35	14 13/16	12	5	5/8	9 1/2
I2CIB-7	17375B038	184T									
I2CB-10	17375B012	10	1 1/4"	1 3/8"	42	40	15 5/16	15	6 1/2	11/16	10
I2CIB-10	17375B037	213T									
I2CB-15	17375B011	15	1 1/4"	1 3/8"	42	40	15 5/16	15	6 1/2	11/16	10
I2CIB-15	17375B036	215T									
I2CB-20	17375B010	20	1 1/4"	1 5/8"	42	40	15 5/16	15	6 1/2	11/16	10
I2CIB-20	17375B035	254T									

## Frame Mounted (with Motor)

Catalog No.	Eng. No.	Motor HP	Pump Shaft Dia.	Motor Shaft Dia.	DIMENSIONS, INCHES							Approx. Ship Wt. Lbs.		
					A	B	C	D	E	F	G		H	I
I2CB-5M	17375B999*	5	1 1/4"	1 1/8"	37	35	14 13/16	12	5	5/8	9 1/2	8 1/16	14 13/16	386
I2CIB-5M	17375B998*													
I2CB-5M	17375B004	5	1 1/4"	1 1/8"	37	35	14 13/16	12	5	5/8	9 1/2	8 1/16	14 13/16	356
I2CIB-5M	17375B034													
I2CB-7M	17375B003	7 1/2	1 1/4"	1 1/8"	37	35	14 13/16	12	5	5/8	9 1/2	8 1/16	14 13/16	360
I2CIB-7M	17375B033													
I2CB8-10M	17375B002	10	1 1/4"	1 3/8"	42	40	15 5/16	15	6 1/2	11/16	10	8 7/8	15 5/16	400
I2CIB-10M	17375B032													
I2CB-15M	17375B001	15	1 1/4"	1 3/8"	42	40	15 5/16	15	6 1/2	11/16	10	8 7/8	15 5/16	440
I2CIB-15M	17375B031													
I2CB-20M	17375B000	20	1 1/4"	1 5/8"	42	40	15 5/16	15	6 1/2	11/16	10	9 11/16	15 5/16	500
I2CIB-20M	17375B030													

\*Single Phase



## CONSTRUCTION MATERIALS

### VOLUTE CASE

High tensile gray iron casting with wear rings. Threaded discharge tapping rotates to 8 positions.

### SEAL BRACKET

High tensile gray iron casting with threaded suction tapping. Seal bracket has oil chamber to lubricate and cool the seal face.

### DRAIN PLUGS

Plugs are conveniently located so case can be completely drained in any discharge position.

### BEARING BRACKET

Heavy-duty bracket provides rigid support for liquid end. Holds shaft bearings in perfect alignment with pump case for quiet operation.

### SHAFT BEARINGS

Heavy-duty ball bearings, sealed on outboard side, lubricated at the factory.

### IMPELLERS

Dual enclosed impellers are hydraulically and dynamically balanced. Mounted back-to-back for reduced axial thrust, results in vibration-free operation and minimum bearing load.

### WEAR RINGS

Replaceable wear rings and interstage bushings help to eliminate wear of the casting in the impeller hub and ring area.

### MECHANICAL SHAFT SEAL

Located on suction side to provide lower pressure differential and longer seal life and maximum positive inlet pressure of 75 psi. Standard seal will accommodate 220° F.

### PUMP SHAFT

Manufactured from tough corrosion resistant 416 stainless steel.

### RUBBER DEFLECTOR

Molded rubber deflector protects bearings from moisture and dirt.

### SNAP RING

Carbon steel ring holds bearing/shaft assembly in place, prevents axial movement of the bearings and shaft.

### MOTOR (FRAME MOUNTED UNITS)

General purpose, 3450 rpm open drip proof, 230/460 volt motor. Frame mounted units use a flexible coupling for easy motor or pump replacement.



740 EAST 9TH STREET,  
ASHLAND, OHIO 44805  
WWW.FEMYERS.COM

490 PINEBUSH ROAD, UNIT 4  
CAMBRIDGE, ONTARIO  
N1T 0A5  
WWW.FEMYERS.COM