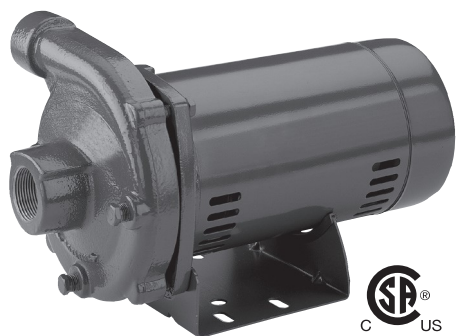


J/JB Series

General Purpose Centrifugal Pumps



The J/JB Series Pumps feature heavy-duty cast iron construction and are offered in high and medium head models, with Noryl® or silicon bronze impellers.

APPLICATIONS

Water Systems and Sprinkling: for homes, farms, and industry

SPECIFICATIONS

Volute and Seal Plate: close-grained cast iron

Impellers: J Series = Noryl; JB Series = silicon bronze

Base Plate: 12 gauge stamped steel

Motor Shaft: 300 series stainless steel

Mechanical Seal: Carbon ceramic faces, BUNA-N cup and bellows

SERIES FEATURES

1/2hp through 2-1/2hp: high head and medium head models, heavy-duty motors, easy serviceability, and four-position discharge

Drain Port: provided for easy winterizing

Performance Range, High Head Models: up to 150'+ of head, with capacities to over 100 gpm.

Performance Range, Medium Head Models: up to 100'+ of head, with capacities to over 110 gpm.

Easy Serviceability: all models feature a replaceable wear ring, and a back pull-out design

J Series - Noryl Impellers: abrasion resistant for normal applications and working temperatures to 140 F

JB Series - Silicon Bronze Impellers: include shaft seals rated for working temperatures to 225 F

ORDERING INFORMATION

HIGH HEAD

CATALOG NUMBER		HP	PIPE TAPPING SIZES		MOTOR VOLTAGE	PHASE	APPROX. WT. LBS.
NORYL IMPELLER	SILICON BRONZE IMPELLER		SUCT.	DISCH.			
JHC	JBHC	1/2	1-1/4"	1"	115/230	1	39
JHC3	JBHC3		1-1/4"	1"	208-230/460	3	39
JHD	JBHD	3/4	1-1/4"	1"	115/230	1	42
JHD3	JBHD3		1-1/4"	1"	208-230/460	3	42
JHE	JBHE	1	1-1/4"	1"	115/230	1	45
JHE3	JBHE3		1-1/4"	1"	208-230/460	3	45
JHF	JBHF	1-1/2	1-1/4"	1"	115/230	1	49
JHF3	JBHF3		1-1/4"	1"	208-230/460	3	49
JHG	JBHG	2	1-1/2"	1-1/4"	115/230	1	69
JHG3	JBHG3		1-1/2"	1-1/4"	208-230/460	3	69
JHHG	JBHHG	2-1/2	2"	1-1/2"	115/230	1	74
JHHG3	JBHHG3		2"	1-1/2"	208-230/460	3	74

ORDERING INFORMATION

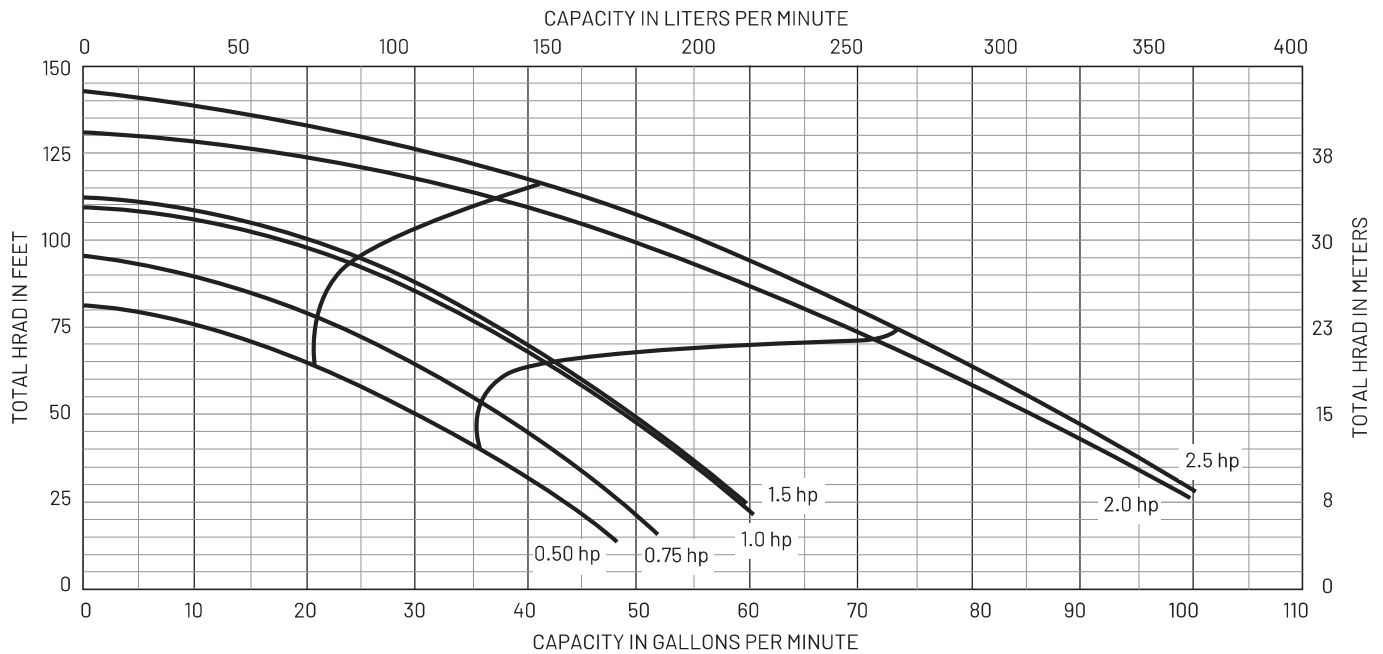
MEDIUM HEAD

CATALOG NUMBER		HP	PIPE TAPPING SIZES		MOTOR VOLTAGE	PHASE	APPROX. WT. LBS.
NORYL IMPELLER	SILICON BRONZE IMPELLER		SUCT.	DISCH.			
JMC	JBMC	1/2	1-1/4"	1"	115/230	1	39
JMC3	JBMC3		1-1/4"	1"	208-230/460	3	39
JMD	JBMD	3/4	1-1/4"	1"	115/230	1	42
JMD3	JBMD3		1-1/4"	1"	208-230/460	3	42
JME	JBME	1	1-1/2"	1-1/4"	115/230	1	43
JME3	JBME3		1-1/2"	1-1/4"	208-230/460	3	43
JMF	JBMF	1-1/2	1-1/2"	1-1/4"	115/230	1	54
JMF3	JBMF3		1-1/2"	1-1/4"	208-230/460	3	54
JMG	JBMG	2	1-1/2"	1-1/4"	115/230	1	66
JMG3	JBMG3		1-1/2"	1-1/4"	208-230/460	3	66
-	JBMMG	2-1/2	2"	1-1/2"	115/230	1	74
-	JBMMG3		2"	1-1/2"	208-230/460	3	74

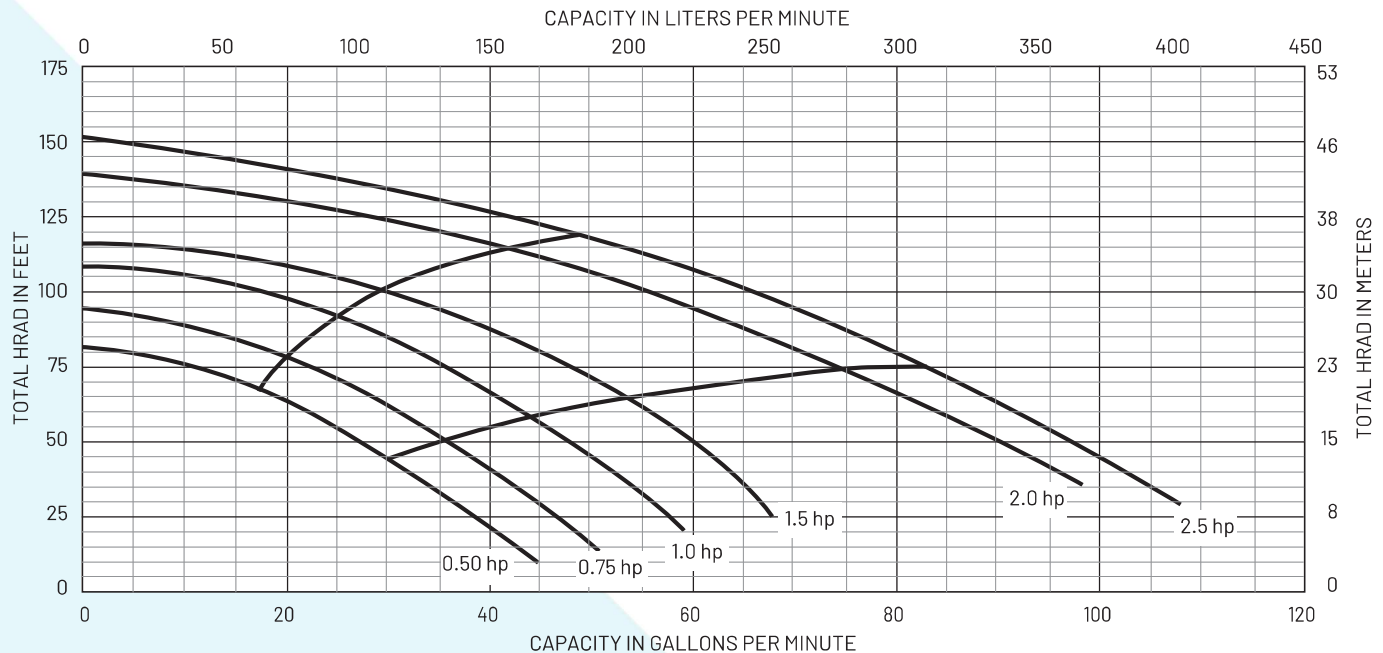
J/JB Series

General Purpose Centrifugal Pumps

PUMP PERFORMANCE: HIGH HEAD, SILICON BRONZE IMPELLER



PUMP PERFORMANCE: HIGH HEAD, NORYL® IMPELLER



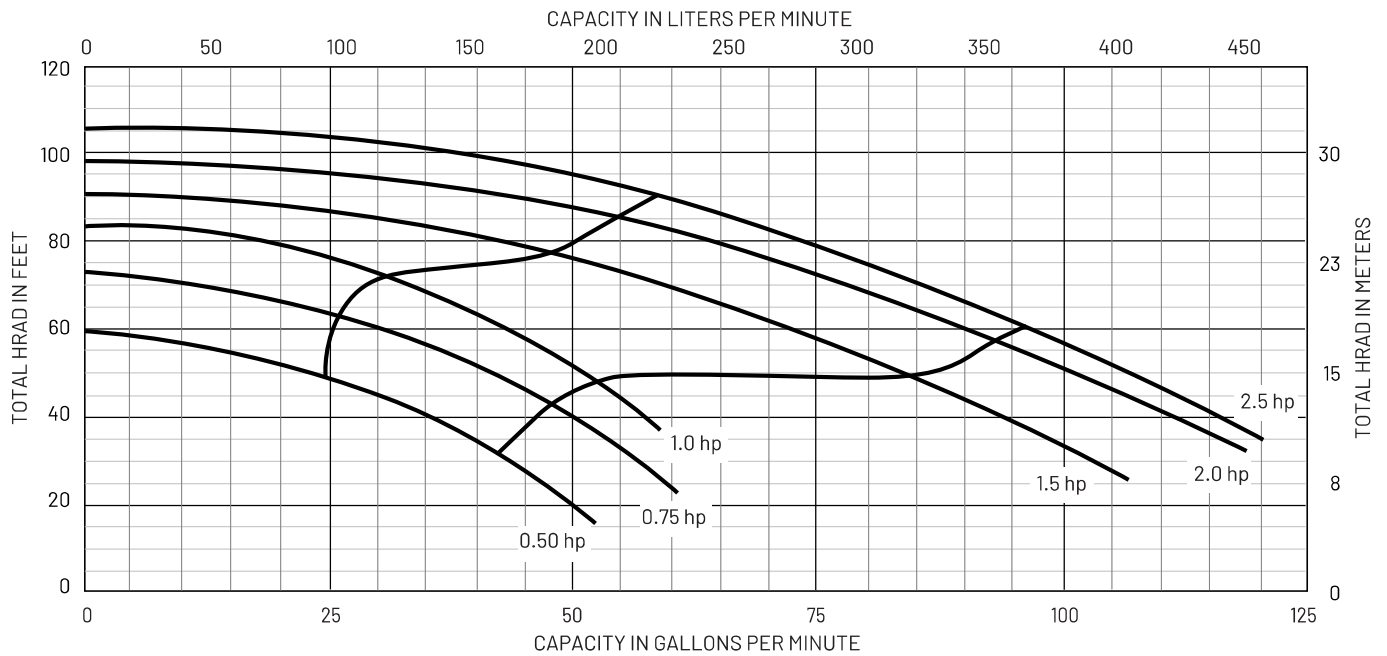
Tested and rated in accordance with Water Systems Council Standards.

NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.

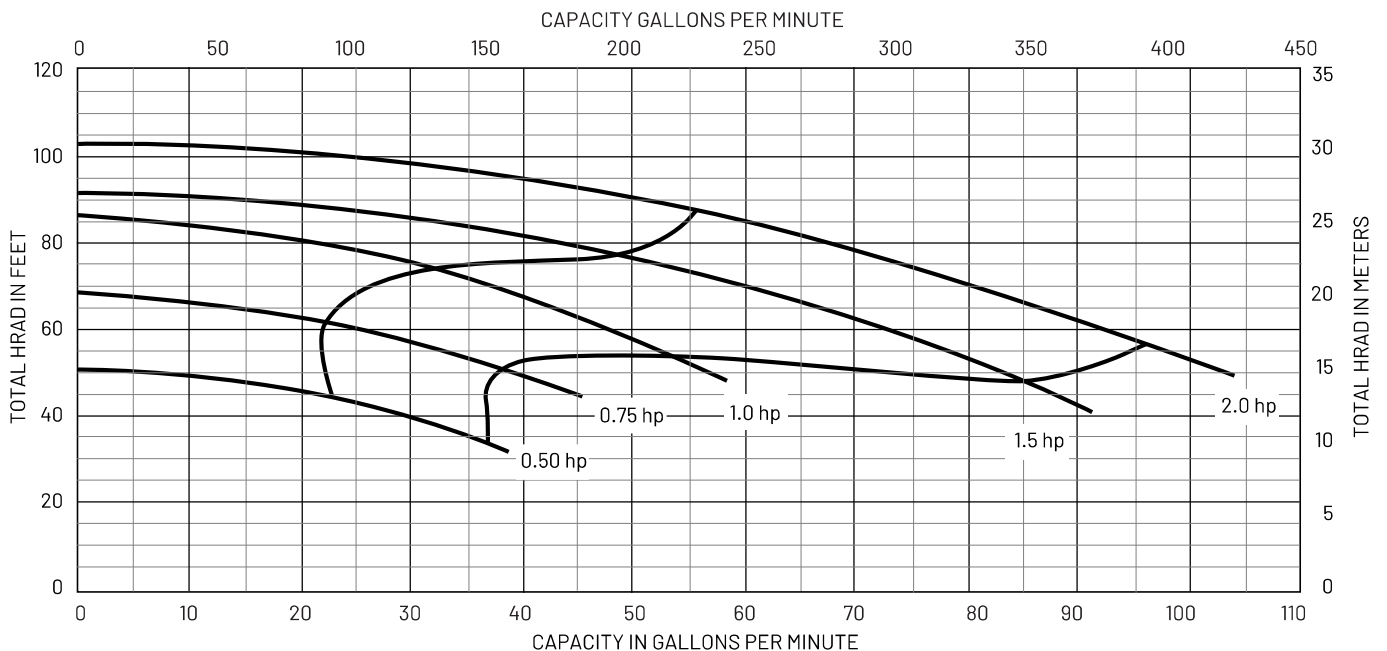
J/JB Series

General Purpose Centrifugal Pumps

PUMP PERFORMANCE: MEDIUM HEAD, SILICON BRONZE IMPELLER



PUMP PERFORMANCE: MEDIUM HEAD, NORYL® IMPELLER



Tested and rated in accordance with Water Systems Council Standards.

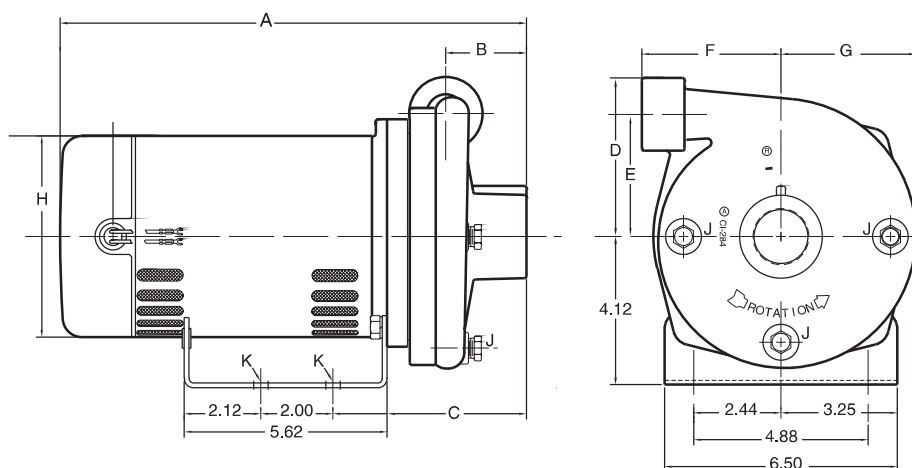
NOTE: Pumps installed with a Pro-Source® tank require a 100 PSI relief valve. Pumps with a conventional tank require a 75 PSI relief valve. Relief valve must be capable of relieving entire flow of pump at relief pressure.



J/JB Series

General Purpose Centrifugal Pumps

OUTLINE DIMENSIONS



DIMENSIONS (IN INCHES)

HIGH HEAD

HP	NPT SUCT.	NPT DISCH.	A (1 PHASE)	A (3 PHASE)	B	C	D	E	F	G	H	NPT J	K
1/2	1-1/4	1	11-21/32	13-3/8	2-1/16	5-9/16	4-1/2	3-7/16	3-7/8	3-15/16	5-5/8	1/4	3/8 Dia.
3/4	1-1/4	1	11-25/32	13-3/8	2-1/16	5-9/16	4-1/2	3-7/16	3-7/8	3-15/16	5-5/8	1/4	3/8 Dia.
1	1-1/4	1	12-25/32	13-7/8	2-1/16	5-9/16	4-1/2	3-7/16	3-7/8	3-15/16	5-5/8	1/4	3/8 Dia.
1-1/2	1-1/4	1	13-39/64	14-3/8	2-1/16	5-9/16	4-1/2	3-7/16	3-7/8	3-15/16	5-5/8	1/4	3/8 Dia.
2	1-1/2	1-1/4	16-3/4	16-15/16	2-13/16	6-5/16	4-27/32	3-13/32	4-5/8	4	6-7/16	1/4	3/8 Dia.
2-1/2	2	1-1/2	17-3/4	17-1/4	2-13/16	6-5/16	4-27/32	3-13/32	4-5/8	4	6-7/16	1/4	3/8 Dia.

MEDIUM HEAD

HP	NPT SUCT.	NPT DISCH.	A (1 PHASE)	A (3 PHASE)	B	C	D	E	F	G	H	NPT J	K
1/2	1-1/4	1	11-7/32	12-15/16	1-7/16	5-1/8	4-7/16	3-1/4	2-1/4	3-1/4	5-5/8	1/4	3/8 Dia.
3/4	1-1/4	1	11-31/32	12-15/16	1-7/16	5-1/8	4-7/16	3-1/4	2-1/4	3-1/4	5-5/8	1/4	3/8 Dia.
1	1-1/2	1-1/4	12-11/32	13-7/16	1-7/16	5-1/8	4-7/16	3-1/4	2-1/4	3-1/4	5-5/8	1/4	3/8 Dia.
1-1/2	1-1/2	1-1/4	13-25/32	14-9/16	2	5-3/4	4-13/16	3-1/2	4-1/4	3-15/16	5-5/8	1/4	3/8 Dia.
2	1-1/2	1-1/4	16-3/16	16-3/8	2	5-3/4	4-13/16	3-1/2	4-1/4	3-15/16	6-7/16	1/4	3/8 Dia.
2-1/2	2	1-1/2	17-3/16	16-11/16	2	5-3/4	4-13/16	3-1/2	4-1/4	3-15/16	6-7/16	1/4	3/8 Dia.



293 Wright Street
Delavan, WI 53115
USA
Ph: 800.243.1742
Orders Fax: 800.426.9446

490 Pinebush Road
Unit 4
Cambridge, Ontario N1T 0A5
Canada
Ph: 800.363.7867
Orders Fax: 888.606.5484

pentair.com

All indicated Pentair trademarks and logos are property of Pentair. Third party registered and unregistered trademarks and logos are the property of their respective owners. Because we are continuously improving our products and services, Pentair reserves the right to change specifications without prior notice. Pentair is an equal opportunity employer.

Noryl® is a registered trademark of SABIC Global Technologies B.V.

S4515WS (09-20-2020) ©2020 Pentair. All Rights Reserved.