

# CLUTCH AND HYDRAULIC DRIVEN

## JABSCO



Available in Electric or Manual

## JABSCO 1" - 2" CLUTCH DRIVEN

The Jabsco clutch pumps are used throughout the world on commercial and recreational vessels for bilge, washdown, and baitwell application. They come in 1", 1 1/4", 1 1/2", and 2" ports and are available manually operated or with a 12, 24, or 32 vdc clutch. See page 131 for service parts.

12 vdc Model Number	24 vdc Model Number	32 vdc Model Number	Port Size	GPM at 1800 RPM Open Flow	Belt/Pulley Size
JA 11860-0005	JA 11860-0006	JA 11860-0007	1"	26	(2) 1/2" / 7" *
JA 11870-0005	JA 11870-0006	JA 11870-0007	1 1/4"	62	(2) 1/2" / 7" *
JA 18330-0000	JA 18330-0001	JA 18330-0002	2"	83	(2) 1/2" / 7" *
JA 51080-9013 (Manual Clutch Pump)			1"	26	(1) 5/8" / 6"
JA 6590-0005 (Manual Clutch Pump)			1 1/4"	62	(1) 5/8" / 6"
JA 51200-9013 (Manual Clutch Pump)			1 1/2"	62	(1) 5/8" / 7"
JA 51270-9013 (Manual Clutch Pump)			2"	83	(1) 5/8" / 7"

CONTENTS

PUMPING PRINCIPLES

ENGINE COOLING

ENGINEERING TABLES

TROUBLE-SHOOTING GUIDE

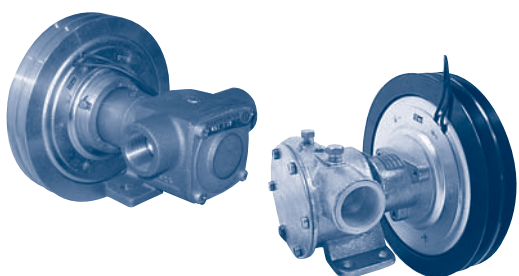
INDEX

HOME

NEXT

BACK

## OBERDORFER / JOHNSON



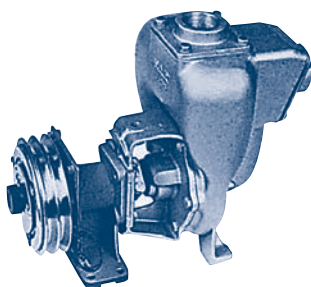
Available in Electric or Manual

## OBERDORFER AND JOHNSON 1" - 2" CLUTCH DRIVEN

The Oberdorfer clutch pumps incorporate the best features including 2 spaced ball bearings, a mechanical seal, and an o-ring cover. The Oberdorfer pumps come in 1" and 1 1/4" port sizes and are available manually operated or with a 12, 24, or 32 vdc clutch. The Johnson pumps come in 1", 1 1/4", and 2" ports with a choice of a 12, 24, or 32 vdc clutch. See page 129 for Johnson service parts.

12 vdc Model Number	24 vdc Model Number	32 vdc Model Number	Port Size	GPM at 1800 RPM Open Flow	Belt/Pulley Size
OB 401E-12	OB 401E-24	OB 401E-32	1"	25	(2) 1/2" / 7"
OB 501-05E-12	OB 501-05E-24	OB 501-05E-32	1 1/4"	58	(2) 1/2" / 7"
JS 10-24071-17	JS 10-24071-18	JS 10-24071-33	1"	25	(2) 1/2" / 7" *
JS 10-13022-33	JS 10-13022-34	JS 10-13022-65	1 1/4"	62	(2) 1/2" / 7" *
JS 10-13027-25	JS 10-13027-26	JS 10-13027-49	2"	83	(2) 1/2" / 7" *
OB 401H (Manual Clutch Pump)			1"	25	(1) 5/8" / 5"
OB 501H-05 (Manual Clutch Pump)			1 1/4"	58	(1) 5/8" / 5"

## MP FLOMAX



Available in Electric or Manual

## MP FLOMAX 1 1/2", 2", AND 3" CLUTCH DRIVEN

The MP-Flomax self-priming centrifugals come in 1 1/2", 2", and 3" sizes with optional manual or electric clutch. Up to 300 GPM can be achieved to evacuate your bilge or supply water to or from an onboard compartment. These pumps are also available in hydraulic, electric, gasoline, and diesel drive. Models shown are available in bronze and cast iron. See page 141 for service parts.

12 vdc Model Number	24 vdc Model Number	32 vdc Model Number	Port Size	3600RPM/GPM at TDH				Max Head	Belt/Pulley Size
				20	50	80	100		
MP FM5B-12V	MP FM5B-24V	MP FM5B-32V	1 1/2"	125	105	55	5	102'	(2) 1/2" / 6"
MP FM8B-12V	MP FM8B-24V	MP FM8B-32V	2"	145	110	53	6	103'	(2) 1/2" / 6"
MP FM10B-12V	MP FM10B-24V	MP FM10B-32V	2"	222	220	187	135	145'	(2) 1/2" / 6"
MP FM 15B-12V	MP FM15B-24V	MP FM15B-32V	3"	320	300	230	160	147'	(2) 1/2" / 6"
MP FM5B-Manual Clutch			1 1/2"	125	105	55	5	102'	1/2" or 5/8" / 3.5"
MP FM8B-Manual Clutch			2"	145	110	53	6	103'	1/2" or 5/8" / 3.5"
MP FM10B-Manual Clutch (Double groove)			2"	222	220	187	135	145'	(2) 1/2" or 5/8" / 3.5"
MP FM15B-Manual Clutch (Double groove)			3"	320	300	230	160	147'	(2) 1/2" or 5/8" / 3.5"

## MP FLOMAX / PACER



## MP FLOMAX AND PACER HYDRAULIC DRIVE

These hydraulically driven self-priming centrifugals will lift up to 20 feet, move up to 315 gpm and come in 1 1/2", 2" or 3" ports! The MP Flomax models are available in bronze or cast iron construction. The Pacer models come standard in corrosion resistant thermoplastic. See page 140 and 141 for service parts.

Model	Brand	Port Size	GPM at TDH			Max Head	Hydraulic Fluid Required For Max Flow and Head
			25	50	100		
MP FM5	MP Flomax	1 1/2"	150	150	70	130'	6.5 gpm / 1800 psi
MP FM8	MP Flomax	2"	170	150	70	130'	6.5 gpm / 1800 psi
MP FM10	MP Flomax	2"	200	200	200	190'	15 gpm / 1800 psi
MP FM15	MP Flomax	3"	315	315	240	180'	15 gpm / 1800 psi
PA SE 1-1/2 EB	Pacer	1 1/2"	90	50	-	70'	9 gpm / 500 psi
PA SE 2 LB	Pacer	2"	210	185	100	120'	9.5 gpm / 1550 psi
PA SE 3 LB	Pacer	3"	260	190	-	85'	9.2 gpm / 1200 psi

\*Single 5/8" groove, 7" diameter clutch available