



An Ingersoll Rand Business

Quick-Pick Selection Charts

MATERIALS OF CONSTRUCTION / OPTIONS



FLOMAX[®]

FMX[®]

2CT[®]

CHEMFLO[®]

CFX[®]

SERIES[®]

HHLF[®]

PETROLMAXX[®]

TEMPUFLO[®]

TRANSPORTATIONCIRCULATORS[®]



An Ingersoll Rand Business

SELF PRIMING PUMPS

MATERIALS OF CONSTRUCTION / OPTIONS

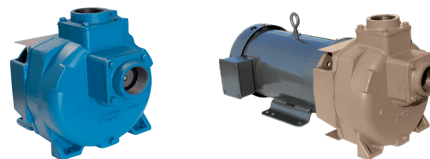


FLOMAX®

FMX®

Model	Size	Max GPM	Max Head-ft.	Cast Iron	316 SST	Bronze	Alum	Ductile Iron	Double Seal	5 Blade Impeller	w/ Engine	w/ Hyd Mtr.
FM5	1.5"	145	100	✓		✓	✓		✓	✓	✓	✓
FM8	2"	150	100	✓	✓	✓	✓	✓	✓	✓	✓	✓
FM10	2"	225	145	✓		✓		✓	✓	✓	✓	✓
FM15	3"	320	145	✓	✓	✓		✓	✓	✓	✓	✓
FM30	3"	500	190	✓	✓				✓		✓	✓
FM35	4" x 3"	500	180	✓	✓							
FM40	4"	750	225	✓		✓					*✓	
FMX75	3/4"	21	23		✓							✓
FMX100	1"	55	60		✓						✓	✓
FMX150	1.5"	97	105		✓							

*✓ - Eng Adpt. Only



HHLF®

Model	Size	Max GPM	Max Head-ft.	Cast Iron/Bronze	Bronze	w/Engine	w/Hyd Mtr.	w/12V	w/24V
HHLF	1.5"	140	190	✓	✓	*✓	✓	✓	✓
HHLF	2"	160	190	✓	✓	*✓	✓	✓	✓
HHLF	2"-HO	150	250	✓	✓	*✓			

*✓ - Eng Adpt. Only

2CT®



Model	Size	Max GPM	Max Head-ft.	Cast Iron	3 Blade Impeller	1.5" Solids Size	1.25" Solids Size	w/Hyd Mtr.
2CT	2"	225	125	✓		✓		
2CT-2	2"	225	125	✓		✓		
2CT-2HS	2"	255	125	✓	✓		✓	
2CT-3	3"	360	125	✓		✓		✓
2CT-3HS	3"	400	125	✓	✓		✓	



An Ingersoll Rand Business

End Suction Centrifugal Pumps

MATERIALS OF CONSTRUCTION / OPTIONS

CHEMFLO®

CFX®



Model	Size	Max GPM	Max Head-ft.	316 SST	Poly	X-P Motor	IEC Motor	w/Hyd Mtr.	w/Engine
CF1	1.5" x 1"	100	140	✓		✓	✓	✓	
CF2	1.5" x 1"	100	108	✓		✓	✓	✓	
CF3	2" x 1.5"	125	125	✓			✓	✓	
CF4	2" x 1.5"	180	80	✓			✓	✓	
CF5	2" x 1.5"	300	157	✓		✓	✓		✓
CF6	3" x 2"	450	157	✓		✓	✓	✓	✓
CF7	2" x 1"	200	280	✓		✓	✓	✓	
CF8	3" x 1.5"	350	290	✓				✓	
CF9	2" x 1"	270	460	✓					

Model	Size	Max GPM	Max Head-ft.	316 SST	Poly	X-P Motor	IEC Motor	w/12V	w/24V
CFX50	1/2" x 1/2"	15	16	✓				✓	✓
CFX75	3/4" x 3/4"	28	32	✓	✓	✓	✓	✓	✓
CFX100	1" x 1"	40	54	✓		✓	✓	✓	✓
CFX125	1" x 1.25"	80	87	✓				✓	

SERIES®



Model	Size	Max GPM	Max Head-ft.	Cast Iron	Bronze	Ductile Iron	X-P Motor	Double Seal	w/Hyd Mtr.	w/Engine
S30	1" x 3/4"	45	40	✓	✓		✓	✓	✓	✓
S60	1.25" x 1"	65	112	✓		✓	✓	✓	✓	✓
S80	1.50" x 1.25"	80	139	✓	✓		✓	✓	✓	✓
S110	1.50" x 1.25"	130	60	✓	✓		✓	✓		✓
S120	2" x 1.5"	200	135	✓		✓				
S130	2" x 1.5"	160	60	✓	✓		✓	✓	✓	
S200	2.5" x 2"	300	115	✓	✓			✓	✓	
S300	3" x 2.5"	520	190	✓				✓	✓	
S700	4" x 3"	900	170			✓		✓		



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End Suction Centrifugal Pumps

MATERIALS OF CONSTRUCTION / OPTIONS

TEMPUFLO®



HIGH TEMPERATURE OIL (HTO)

Model	Size	Max GPM	Max Head-ft.	Ductile Iron	Max. Temp	X-P Motor	TEFC Motor	w/Hyd Mtr.	Pumpak
HTO 80	1.5" x 1.25"	85	130	✓	650° F	✓	✓	✓	✓
HTO 120	2" x 1.5"	195	135	✓	650° F	✓	✓	✓	✓
HTO 180	3" x 1.5"	320	160	✓	650° F	✓	✓		✓
HTO 300	3" x 2.5"	500	190	✓	650° F	✓	✓		✓

HIGH TEMPERATURE WATER (HTW)

Model	Size	Max GPM	Max Head-ft.	Ductile Iron	Max. Temp	X-P Motor	TEFC Motor	w/Hyd Mtr.	Pumpak
HTW 80	1.5" x 1.25"	80	127	✓	400° F		✓		
HTW 120	2" x 1.5"	200	135	✓	400° F		✓		
HTW 180	3" x 1.5"	320	162	✓	400° F		✓		
HTW 300	3" x 2.5"	500	190	✓	400° F		✓		

TRANSPORTATIONCIRCULATORS®



										Port Size Option					
Pump Type	Style	Max Flow	Max Head-ft.	Mag. Drive	12V	24V	Alum. Hsg.	Nickel Steel Impeller	Composite Impeller	1/2" NPT	3/4" NPT	1" Hose	5/8" Hose	1-1/8" Hose	Flanged w/1" NPT Female Adpt.
ILX	Inline	12	17		✓	✓	✓	✓		✓		✓	✓		
SBX	School Bus	18	15		✓	✓	✓	✓			✓	✓		✓	
MDX	Mag. Drive	25	20	✓	✓	✓	✓		✓						✓



An Ingersoll Rand Business

Self Priming Pumps

MATERIALS OF CONSTRUCTION / OPTIONS

PETROLMAXX®



SELF PRIMING PUMPS - P SERIES

Model	Size	Max GPM	Max Head-ft.	Gasoline, AVGas, Kerosene, Jet A/8	Ductile Iron Volute	Aluminum Impeller	Aluminum Wear Plate	Shaft Clamp Lead Free Brass	X-P Electric Motor - CI I., Gr. D	Pumpak	Pedestal	w/Hyd. Motor
PG8	2"	150	100	✓	✓	✓	✓	✓	✓	✓	✓	✓
PG10	2"	225	145	✓	✓	✓	✓	✓	✓	✓	✓	✓
PG15	3"	320	145	✓	✓	✓	✓	✓	✓	✓	✓	✓
PG30	3"	500	190	✓	✓	✓	✓	✓	✓	✓	✓	
PG40	4"	750	225	✓	✓	✓	✓	✓			✓	

Model	Size	Max GPM	Max Head-ft.	Diesel, Bio-Diesel, Fuel Oil	Cast Iron Volute	Cast Iron Impeller	Steel Wear Plate	Shaft Clamp Stainless Steel	TEFC Electric Motor	X-P Electric Motor - CI I., Gr. D	Pumpak	Pedestal	w/ Engine	w/ Hyd. Motor
PO5	1.5"	145	100	✓	✓	✓	✓	✓	✓		✓			
PO8	2"	150	100	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PO10	2"	225	145	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PO15	3"	320	145	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
PO30	3"	500	190	✓	✓	✓	✓	✓	✓	✓	✓	✓		
PO40	4"	750	225	✓	✓	✓	✓	✓				✓		

Model	Size	Max GPM	Max Head-ft.	Ethanol, E-85	Ductile Iron Volute	Aluminum Impeller	Steel Wear Plate	Shaft Clamp Lead Free Brass	X-P Electric Motor - CI I., Gr. D	Pumpak	Pedestal	w/Hyd. Motor
PE8	2"	150	100	✓	✓	✓	✓	✓	✓	✓	✓	
PE10	2"	225	145	✓	✓	✓	✓	✓	✓		✓	
PE15	3"	320	145	✓	✓	✓	✓	✓	✓		✓	✓
PE30	3"	500	190	✓	✓	✓	✓	✓	✓		✓	
PE40	4"	750	225	✓	✓	✓	✓	✓	✓		✓	

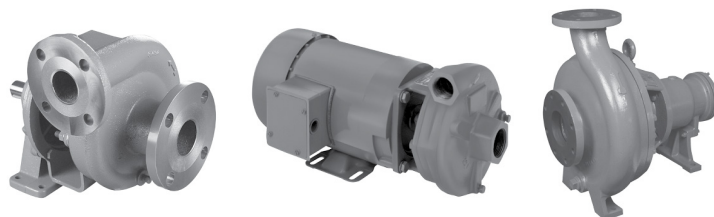


An Ingersoll Rand Business

End Suction Centrifugal Pumps

MATERIALS OF CONSTRUCTION / OPTIONS

PETROLMAXX®



END SUCTION CENTRIFUGAL PUMPS - S SERIES

Model	Size	Max GPM	Max Head-ft.	Gasoline, AVGas, Kerosene, Jet A/8	Ductile Iron Volute	Aluminum Impeller	Aluminum Wear Plate	Shaft Clamp Lead Free Brass	X-P Electric Motor - CI I., Gr. D	Pumpak	Pedestal
SG60	1.25" x 1"	65	115	✓	✓	✓	✓	✓	✓	✓	
SG80	1.5" x 1.25"	80	139	✓	✓	✓	✓	✓	✓	✓	✓
SG120	2" x 1.5"	200	135	✓	✓	✓	✓	✓	✓	✓	✓
SG180	2" x 1.5"	320	160	✓	✓	✓	✓		✓		✓
SG300	3" x 2.5"	540	190	✓	✓	✓	✓		✓		✓
SG700	4" x 3"	925	170	✓	✓	✓	✓		✓		✓

Model	Size	Max GPM	Max Head-ft.	Diesel, Bio-Diesel, Fuel Oil	Cast Iron Volute	Cast Iron Impeller	Steel Wear Plate	Shaft Clamp Stainless Steel	TEFC Electric Motor	X-P Electric Motor - CI I., Gr. D	Pumpak	Pedestal	w/ Hyd. Motor
SO60	1.25" x 1"	65	115	✓	✓	✓	✓	✓	✓	✓	✓		
SO80	1.5" x 1.25"	80	139	✓	✓	✓	✓	✓	✓	✓		✓	✓
SO120	2" x 1.5"	200	135	✓	✓	✓	✓	✓	✓	✓	✓	✓	
SO180	2" x 1.5"	320	160	✓	✓	✓	✓		✓	✓	✓	✓	
SO300	3" x 2.5"	540	190	✓	✓	✓	✓		✓		✓	✓	
SO700	4" x 3"	925	170	✓	✓	✓	✓		✓		✓	✓	

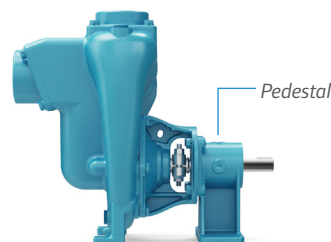
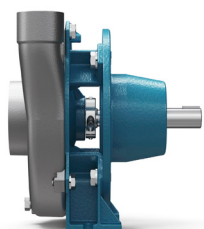
Model	Size	Max GPM	Max Head-ft.	Ethanol, E-85	Ductile Iron Volute	Aluminum Impeller	Steel Wear Plate	Shaft Clamp Lead Free Brass	X-P Electric Motor - CI I., Gr. D	Pedestal
SE60	1.25" x 1"	65	115	✓	✓	✓	✓	✓	✓	
SE80	1.5" x 1.25"	80	139	✓	✓	✓	✓	✓	✓	✓
SE120	2" x 1.5"	200	135	✓	✓	✓	✓	✓	✓	✓
SE180	2" x 1.5"	320	160	✓	✓	✓	✓		✓	✓
SE300	3" x 2.5"	540	190	✓	✓	✓	✓		✓	✓
SE700	4" x 3"	925	170	✓	✓	✓	✓		✓	✓



An Ingersoll Rand Business

Pump Modeling Sheet

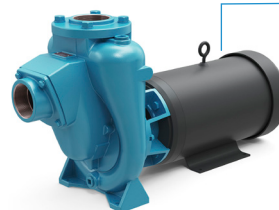
Note: Standard Seal Material - Carbon/Ceramic/Viton



Pedestal

► PED

MP	21339	FM8	PMP	C:	PED	5.0	XXX	XXX	XX
PREFIX	MP PART NO.	PUMP MODEL AND SIZE	PUMP OR PUMPAK	HOUSING MATERIAL OF CONSTRUCTION	HOW THE PUMP IS DRIVEN	IMPELLER DIAMETER	ANY ADDITIONAL FEATURES		

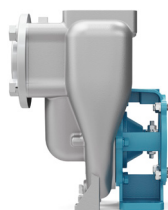


Pump with driver supplied
• Electric motor
• Hydraulic motor

► PMP

MP	33700	HT080	PMP	D:	3-3	56C	5.9	T-2	NRS	FF	HD
PREFIX	MP PART NO.	PUMP MODEL AND SIZE	PUMP OR PUMPAK	HOUSING MATERIAL OF CONSTRUCTION	HORSEPOWER / PHASE	FRAME SIZE	IMPELLER DIAMETER	SPECIAL MECHANICAL SEAL	ANY ADDITIONAL FEATURES		

► PPK



Pump Only (No Motor Driver Supplied)

4 Mounting Options:

- "C" Face Motor
- Pedestal
- Hydraulic Motor
- Engine Mount

MP	31383	CF5	PPK	SS:	184TC	6.18	T-2100	XXX	XXX
PREFIX	PUMP MODEL AND SIZE		HOUSING MATERIAL OF CONSTRUCTION		IMPELLER DIAMETER		ANY ADDITIONAL FEATURES		
MP PART NO.		PUMP OR PUMPAK	MOTOR FRAME SIZE OR SHAFT SIZE		SEAL CALL-OUT				

► CCMTR - Close-Coupled Motor

MP	30905	FM8	PPK	SS:	CCMTR	5/8	4.1	XXX	XXX
PREFIX	PUMP MODEL AND SIZE		HOUSING MATERIAL OF CONSTRUCTION		SHAFT SIZE		ANY ADDITIONAL FEATURES		
MP PART NO.		PUMP OR PUMPAK	HOW THE PUMP IS DRIVEN		IMPELLER DIAMETER				





► PEM - Pedestal or Engine Mount (Direct coupled to pump)

MP 21327 FM8 PPK C: PEM 3/4 5.0 XXX XXX									
PREFIX		PUMP MODEL AND SIZE		HOUSING MATERIAL OF CONSTRUCTION		SHAFT SIZE		ANY ADDITIONAL FEATURES	
MP PART NO.		PUMP OR PUMPAK		HOW THE PUMP IS DRIVEN		IMPELLER DIAMETER			

- A PEM is a Pump-End Only ready to mount to a Pedestal or an Engine drive.
- Engine can be mounted direct.
- To add an electric motor, a pedestal must be purchased and long coupled to the Pump-End Only.
- For hydraulically driven builds, a hydraulic pedestal can be directly coupled to a PEM Pump-End.

