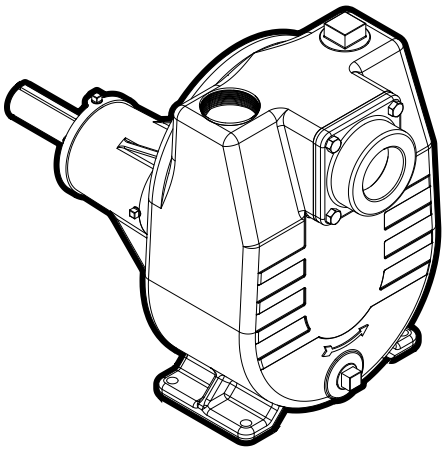
CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

FPS

FEATURES

- Volute: Rugged cast iron construction with tapped openings for priming, venting, and draining
- Impeller: Semi-open cast iron; non-clogging; designed for water with the capability of handling mud, sand, and silt up to 10% by volume
- Mechanical Seal: Standard carbon/ceramic faces; FKM elastomers; 300 Series stainless steel components
- Bearing Frame: For bolt or direct drive with heavy sealed bearings; keyed stainless steel shaft; replaceable wear plate for maintaining maximum efficiency



SPECIFICATIONS

- Capacities to 760 gpm
- Heads to 175 feet
- 120 psi maximum working pressure
- 212 °F maximum temperature
- Clockwise rotation when viewed from motor end
- NPT pipe connections

Discharge	Suction
2"	2"
3"	3"
4"	4"

APPLICATIONS

- Irrigation
- Construction
- Mining
- Commercial
- Municipal
- Light Industrial
- Water Truck

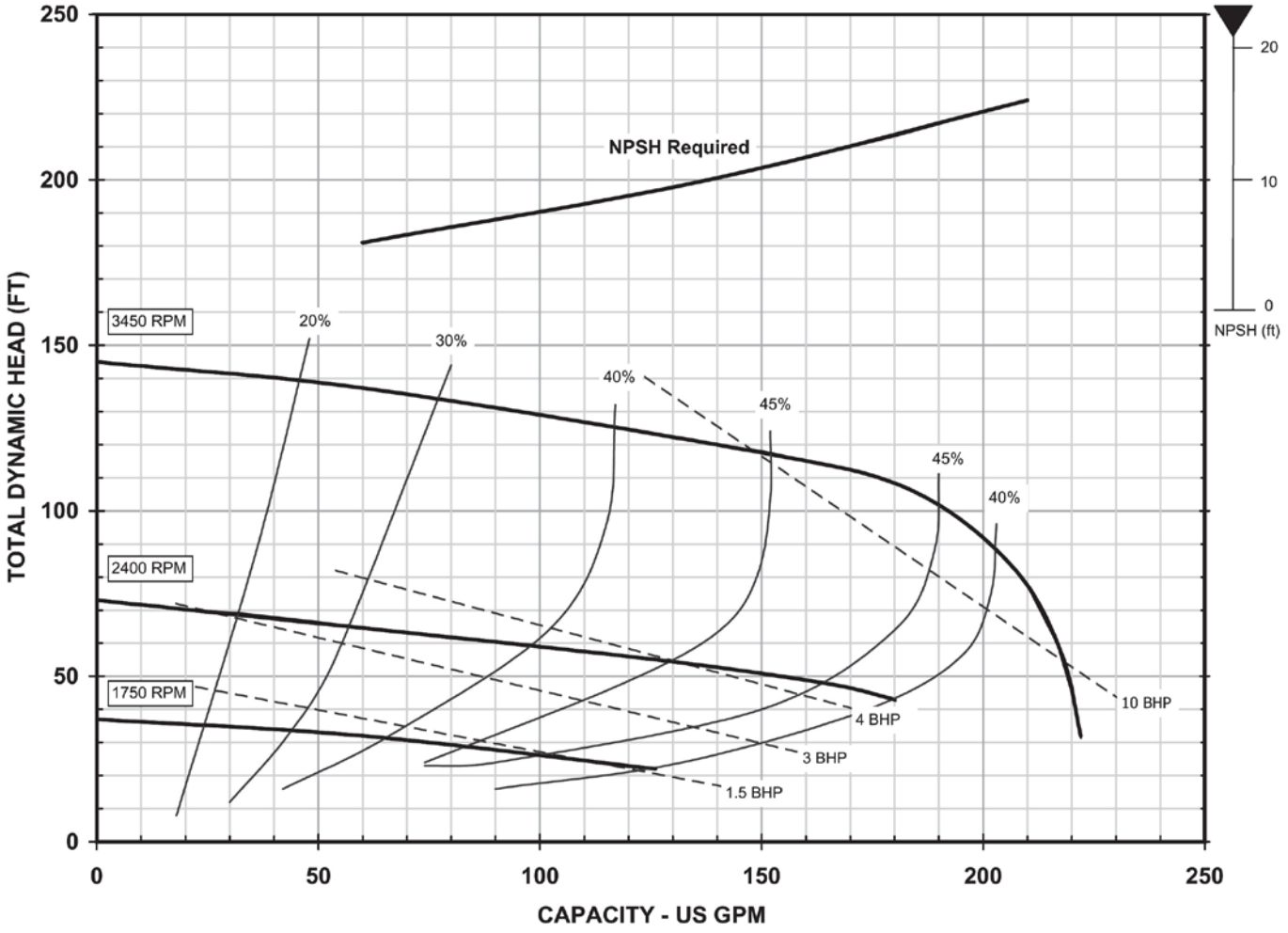
Franklin Electric

CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

PERFORMANCE

FMIT-20

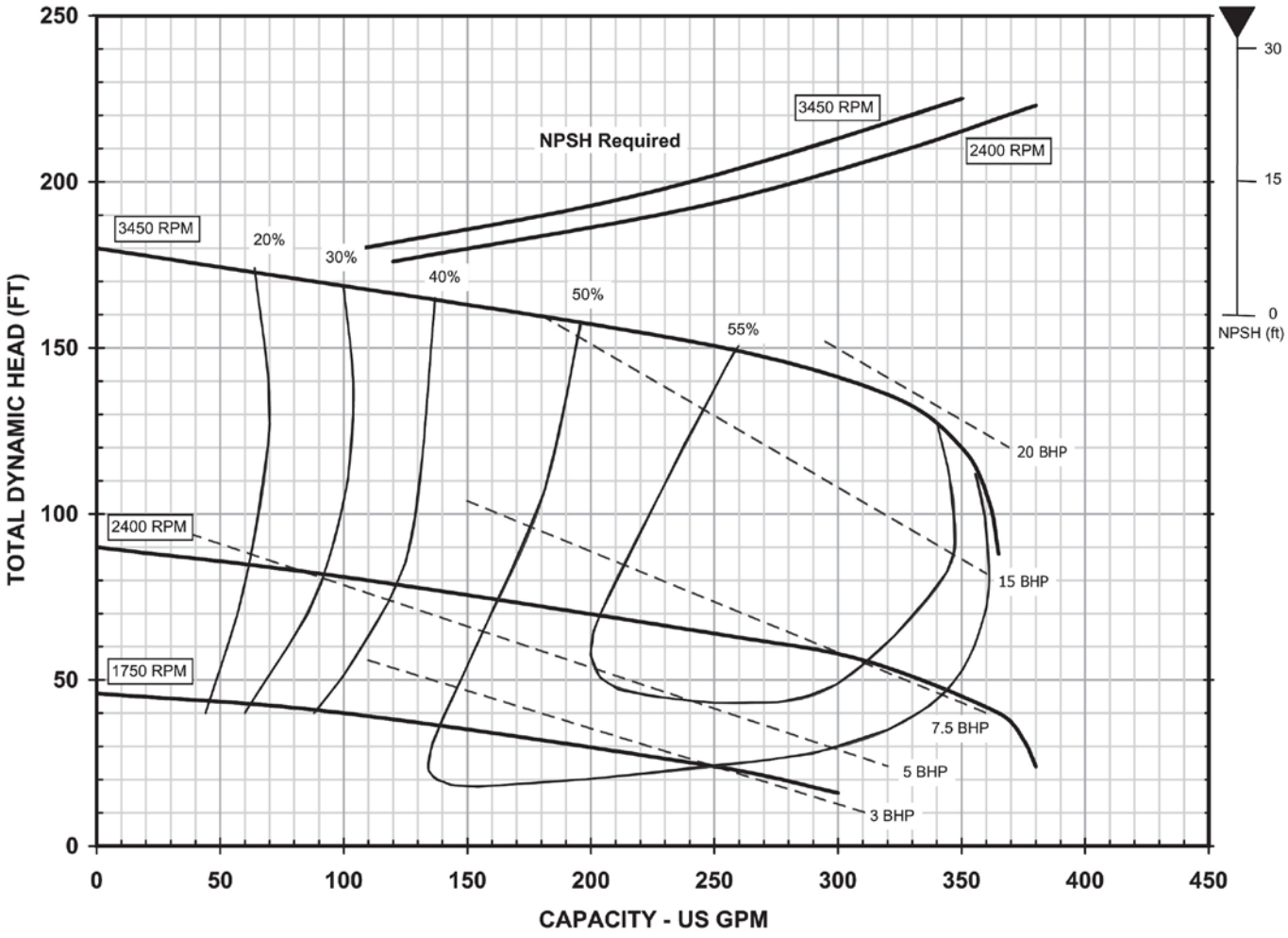


CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

PERFORMANCE

FMIT-30

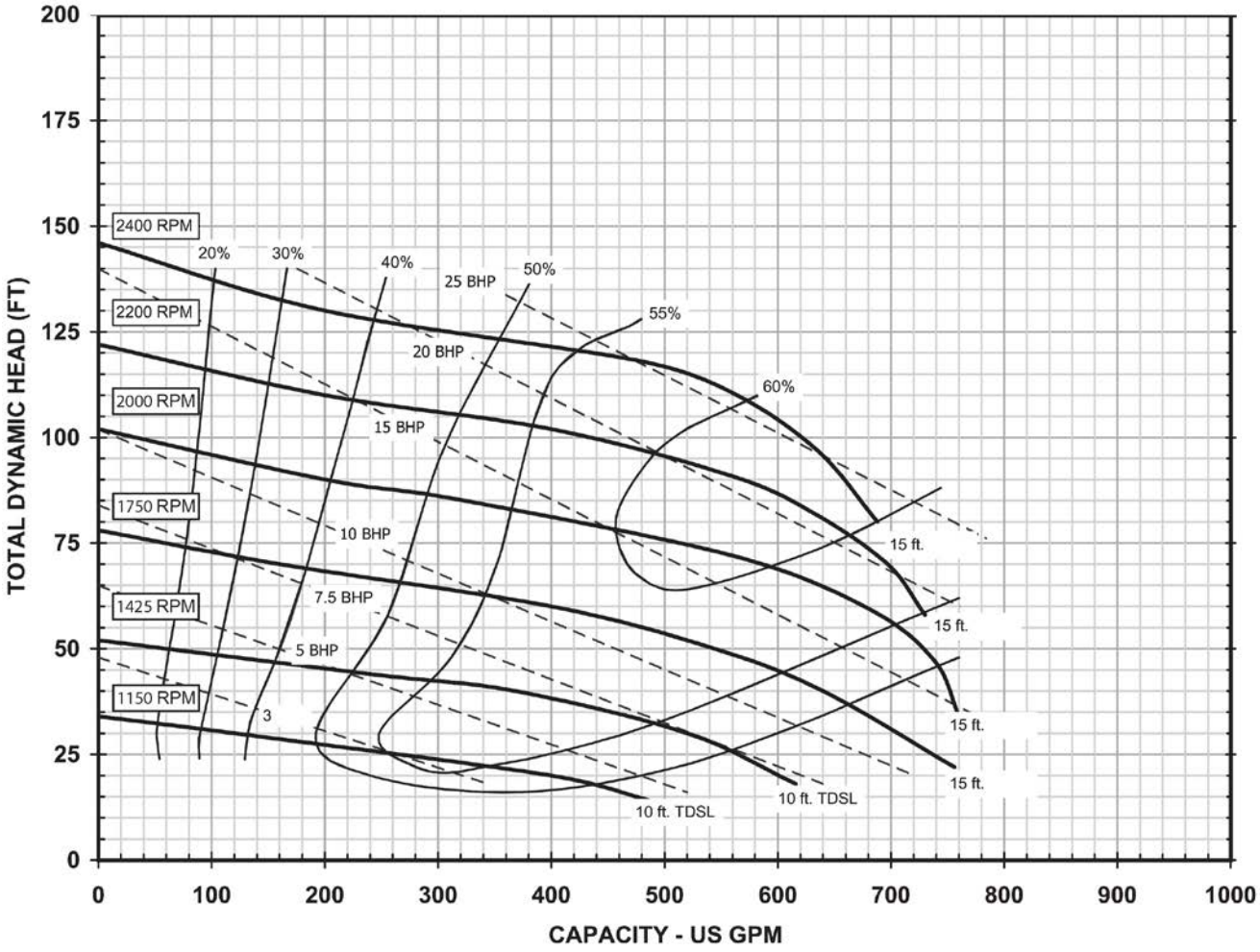


CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

PERFORMANCE

FMIT-40



CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

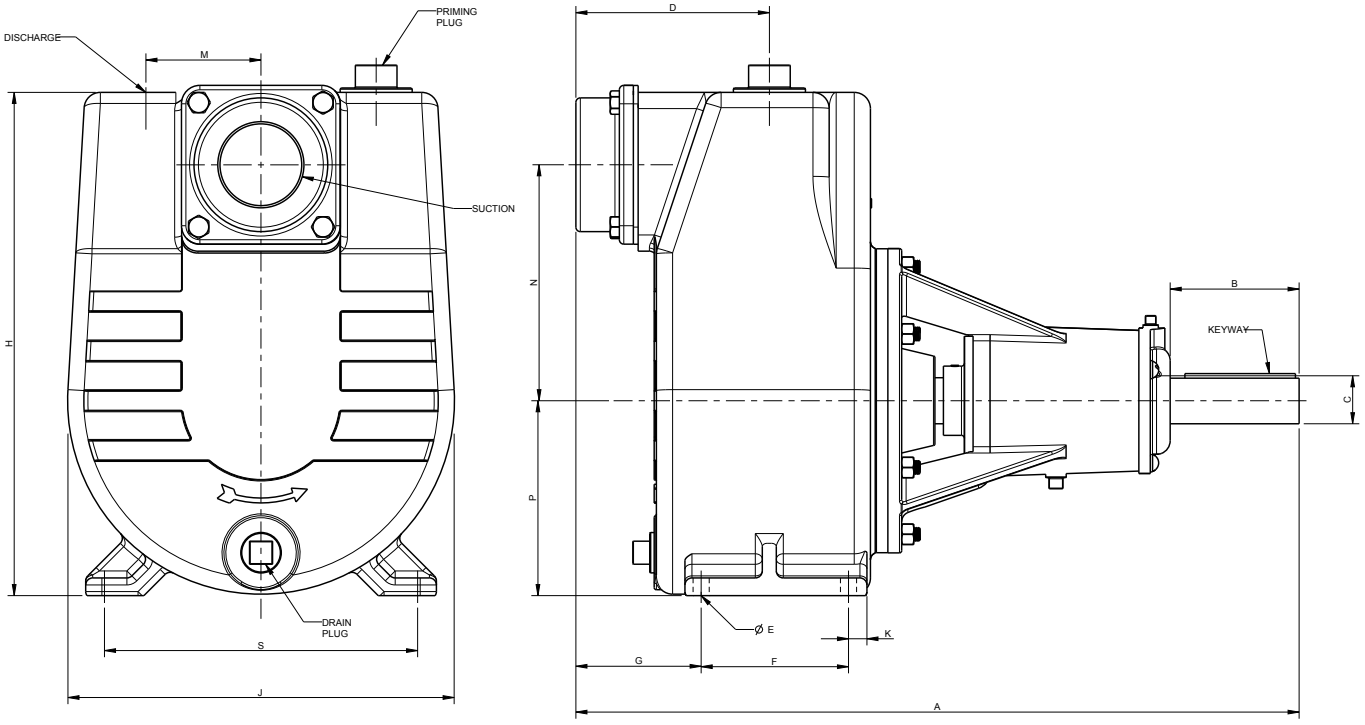
ORDERING INFORMATION

Model	Pump Size (Dis. x Suc.)	Order No.	Wt. (lbs)	Solid Size
FMIT-20	2 x 2	90230002	108	3/4"
FMIT-30	3 x 3	90230003	158	1"
FMIT-40	4 x 4	90230004	282	1-3/8"

DIMENSIONS

Model	Keyway	Dimensions (in)													
		A	B	C	D	E	F	G	H	J	K	M	N	P	S
FMIT-20	1/4	19.63	3.50	1.250	5.25	0.44	4.00	3.40	13.66	10.50	0.50	3.13	6.16	5.29	8.50
FMIT-30	1/4	23.21	3.42	1.250	7.75	0.56	4.75	5.00	15.88	12.76	0.75	3.25	7.31	6.13	10.75
FMIT-40	3/8	27.04	3.14	1.625	8.68	0.56	6.50	4.93	20.40	15.76	0.75	4.75	9.28	8.00	13.50

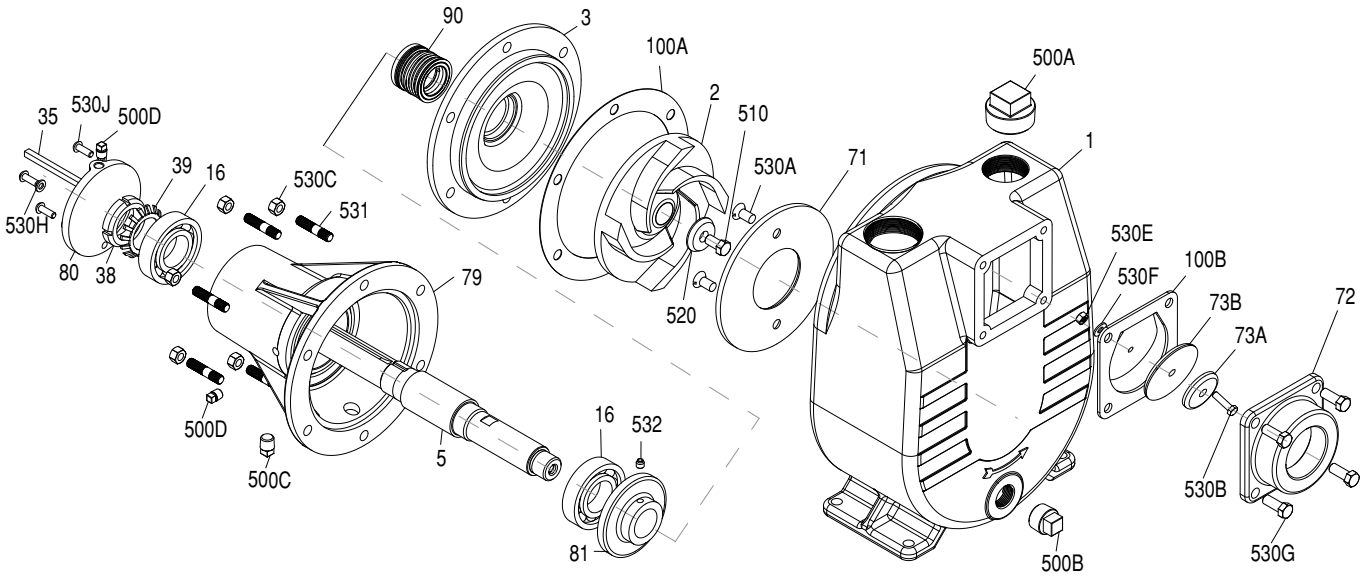
NOTE: Dimensions are for estimating purposes only.



CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

EXPLODED PARTS AND MATERIALS



CENTRIFUGAL PUMPS

SELF-PRIMING FMIT 20-40

EXPLODED PARTS AND MATERIALS

Fig. No.	Part Description	Part No.			Materials of Construction
		FMIT-20	FMIT-30	FMIT-40	
1	Pump Case	305455001	305455002	305455003	Cast iron, ASTM-A48 CL30
2	Impeller	305455004	305455005	305455006	Cast iron, ASTM-A48 CL30
3	Seal Plate	305454007	305454008	305454009	Cast iron, ASTM-A48 CL30
5	Shaft	305454013	305454014	305454015	316 stainless steel
16	Ball Bearing (2 pack)	305463034	305463035	305463036	Misc.
35	Shaft Key	305454016		305454017	1018 CRS
38	Bearing Nut	305463037	305463038	305463039	300 Series stainless steel
39	Bearing Lockwasher	305463040	305463041	305463042	Zinc-plated steel
71	Wear Plate	305455007	305455008	305455009	Cast iron, ASTM-A48 CL30
72	Check Valve	305455010	305454019	305454020	Cast iron, ASTM-A48 CL30
73A	Top Weight, Check Valve	305455011	305454022	305454023	Cast iron, ASTM-A48 CL30
73B	Bottom Weight, Check Valve	305455012	305454025		Cast iron, ASTM-A48 CL30
79	Transmission Head	305454031	305454032	305454033	Cast iron, ASTM-A48 CL30
80	Bearing Cover	305454034	305454035	305454036	Cast iron, ASTM-A48 CL30
81	Seal Cover	305454037	305454038	305454039	Cast iron, ASTM-A48 CL30
90	Mechanical Shaft Seal	305463043		305463044	Carbon/Ceramic x FKM-stainless steel
100A	Case Gasket	305454040	305454041	305454042	Nitrile
100B	Flapper Valve	305454043	305454044	305454045	Neoprene
500A	Pipe Plug, NPT (3 pack)	305463048	305463076		CAD-plated steel
500B	Pipe Plug, 3/4" (3 pack)	305463050			CAD-plated steel
500C	Pipe Plug, 1/4" (4 pack)	305463020		N/A	CAD-plated steel
500D	Pipe Plug, 1/8" (4 pack)	305463009		N/A	CAD-plated steel
510	Impeller Hex Bolt	305463077		305463078	300 Series stainless steel
520	Impeller Washer	305455013	305455014	305455015	Aluminum plate
530A	Wear Plate Bolts	305463079			Zinc-plated steel
530B	Flapper Bolt	305463080	305463081		Zinc-plated steel
530C	Hex Nut (8/6 pack)	305463033	305463059		Zinc-plated steel
530E	Nut, Flapper	305463082	305463083		Zinc-plated steel
530F	Washer, Flapper	305463084			Stainless steel
530G	Valve Hex Capscrew (4 or 8 pack)	305463010	305463085	305463086	Zinc-plated steel
530H	Washer, Bearing Cover	305463066		305463067	Zinc-plated steel
530J	Bolt, Bearing Cover	305463068		305463069	Zinc-plated steel
531	Threaded Stud, Transmission (6 pack)	305463031	305463073		Zinc-plated steel
532	Set Screw	305463074		305463075	Zinc-plated steel


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