



SERIES 700

4" x 3" End Suction Centrifugal Pump

ANSI A-40 design SERIES 700 centrifugal pumps are available in ductile iron construction with stainless steel fasteners and choice of either mechanical seal or stuffing box design. With enclosed impeller, capacities range from 900 GPM with heads up to 170 feet.

Enclosed impeller is dynamically balanced to improve efficiency and bearing life. Standard carbon / ceramic / Viton mechanical seal is self-adjusting and corrosion resistant to handle almost any liquid.

Tested pumps are available with or without motors. Various impeller diameters are available to suit different head/flow requirements.

SPECIFICATIONS:

Suction and Discharge . . 4" x 3" 150# ANSI Flanges

Materials of Construction Ductile iron

Flow Up to 900 GPM

Head Feet Up to 170'

Impeller 13" enclosed

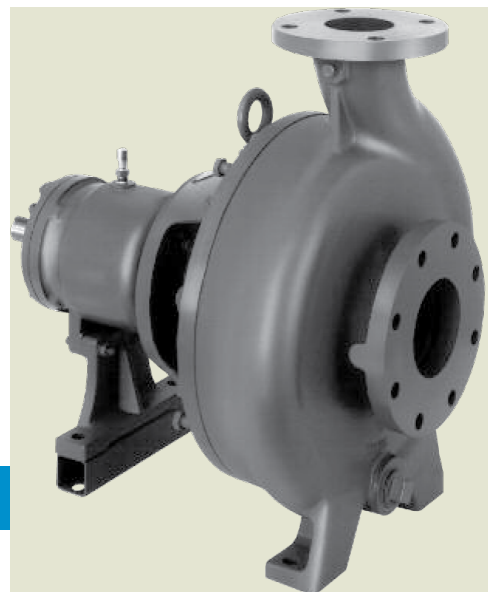
Max Solid Size65"

Motor Up to 40 HP

Drive Options Close coupled 256JP
Pedestal

Seal Special seal material combinations available
(consult factory).

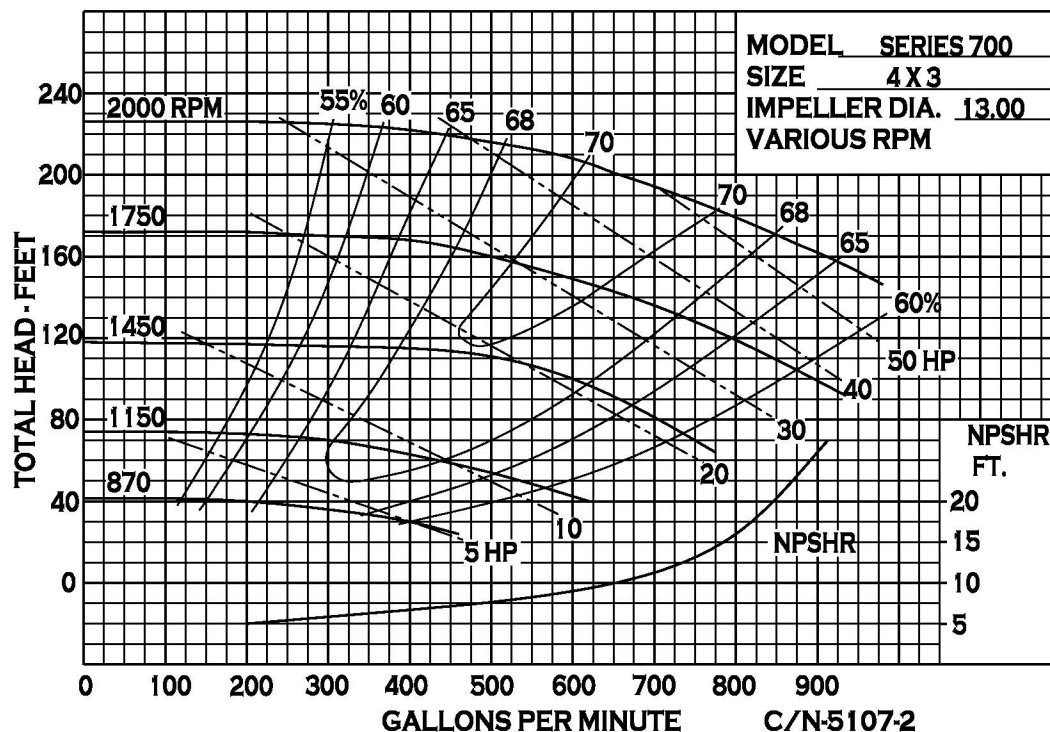
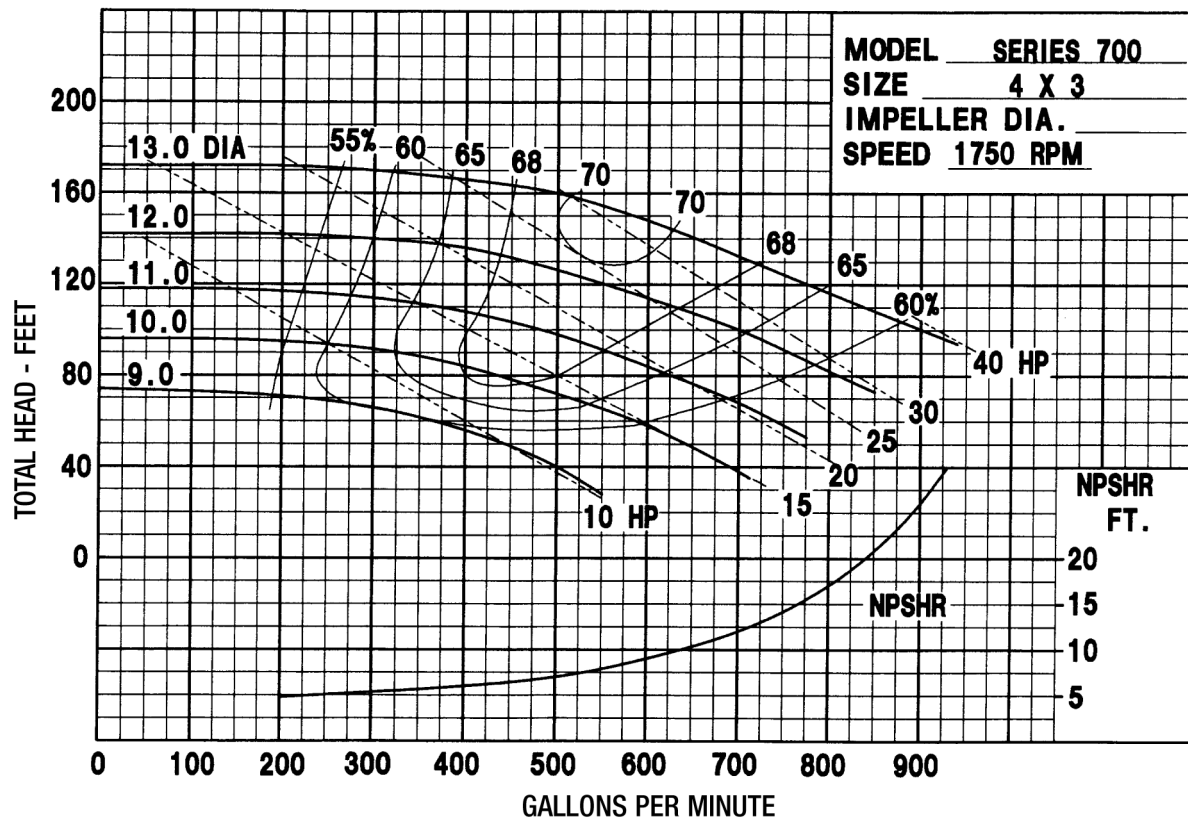
Standard - carbon / ceramic / Viton



Application:

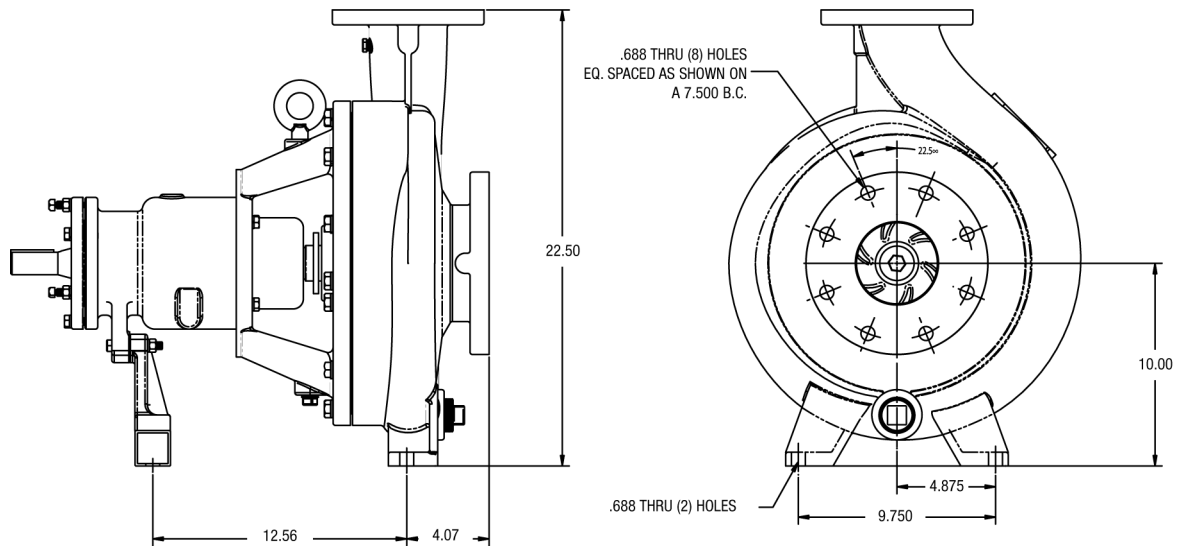
- Agricultural
- Commercial
- Industrial
- OEM

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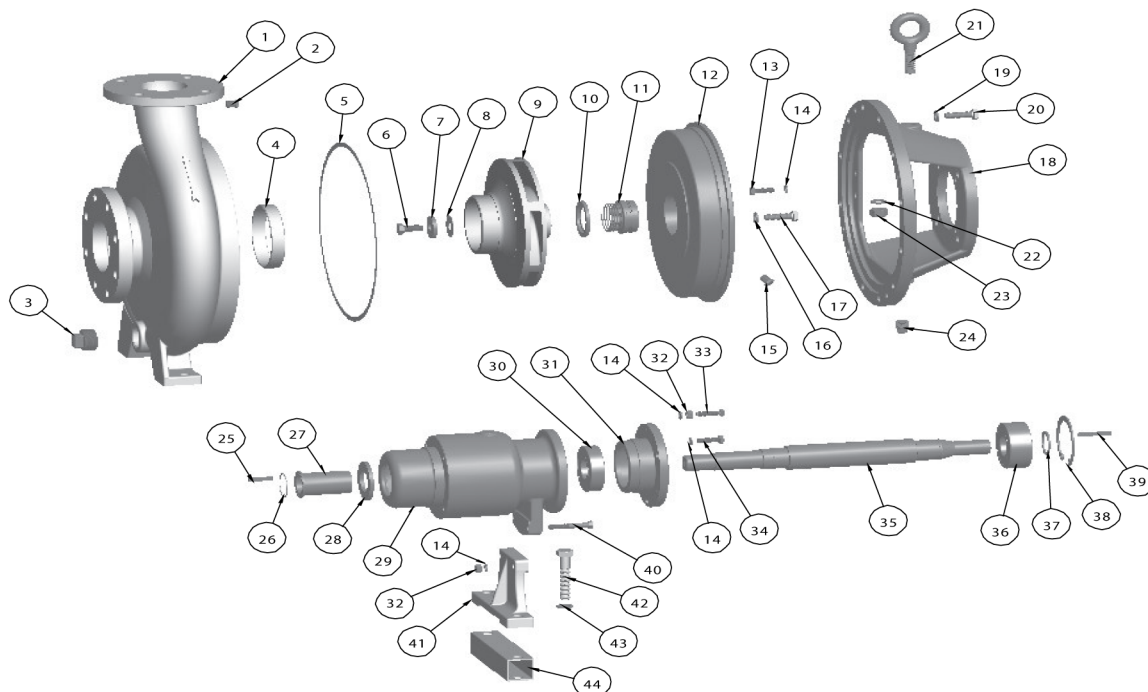
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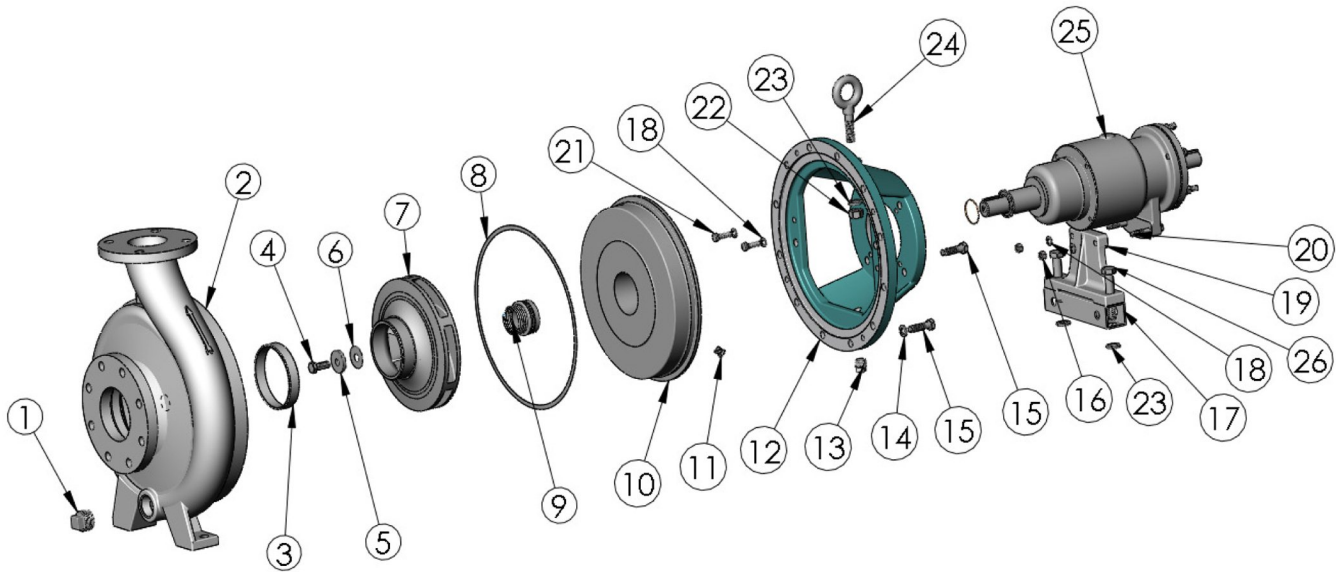


PART NO.	ITEM NO.	DESCRIPTION	QTY.		PART NO.	ITEM NO.	DESCRIPTION	QTY.
27159	1	Housing Assembly	1		26686	21	Eye bolt	1
41475	2	Drain Plug 1/4"	incl.		26258	22	Washer	1
27205	3	Drain plug 1.25"	incl.		22461	23	Nut 5/8-11	1
26673	4	Wear Ring	incl.		41479	24	Drain plug 1/2"	1
* 27146	5	Gasket - housing	1		25299	25	Key 1/4 S q. x 1.5"	1
26674	6	Seelbolt	1	*	33472	26	O-ring	1
26675	7	Washer - impeller	1	*	33059	27	Shaft Sleeve	1
* 27403	8	Gasket - rulon	1		26680	28	Slinger	1
27140	9	Impeller 13"	1		33056	29	Bearing Body	1
27141	9	Impeller 12"	1		33053	30	Ball Bearing - Single	1
27143	9	Impeller 11"	1		33051	31	Retainer - Bearing	1
27144	9	Impeller 10"	1		21268	32	Hexnut 3/8-16	5
26972	10	Spring Holder	1		21274	33	Capscrew 3/8-16 1.25"	3
* 26685	11	Seal - Carbon/Ceramic/Viton	1		43926	34	Capscrew 3/8-16 1.5"	3
* 26752	11	Seal - Severe Service	1		33052	35	Shaft	1
27155	12	Seal Housing	1		33054	36	Ball Bearing - Double	1
21274	13	Capscrew 3/8-16 x 1.25"	4		33057	37	Snap ring 1.43 x .109	1
21266	14	Washer 1/8 x 3/8"	12		33058	38	Snap ring 3.936 x .109	1
41475	15	Drain plug	1		26796	39	Key .25 x .25 x 2.125"	1
21254	16	Washer	4		21275	40	Capscrew 3/8-16 2.5"	2
27147	17	Capscrew 1/2-13 1.75"	4		26667	41	Support - Bearing Housing	1
27134	18	Adaptor	1		27248	42	Capscrew 5/8-18	2
21254	19	Lock washer 1/2 x 7/8"	14		26258	43	Washer 5/8"	3
27147	20	Capscrew 1/2-13 1.75"	12		27157	44	Spacer	1

*- RECOMMENDED REPLACEMENT PARTS



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ITEM NO.	PART NO.	DESCRIPTION	QTY.		ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	33489	PIPE PLUG - 1 1/4" N.P.T.	1		14	21254	LOCKWASHER - S.S. - 1/2	14
2	33479	HOUSING - DUCTILE IRON	1		15	27147	CAPSCREW - S.S. - 1/2-13 X 1.75"	16
* 3	26673	WEAR RING - STEEL	1		16	21268	HEX NUT- S.S. - 3/8"	5
* 4	26674	SEAL BOLT - S.S. - 1/2-13	1		17	27157	SPACER STL.	1
5	26675	WASHER - S.S.	1		18	21266	LOCKWASHER S.S. - 3/8"	6
* 6	27403	GASKET - RULON-LD - 1.7 X .56 X .03	1		19	26667	BRACKET C	1
7	27140	IMPELLER D. - Ø13.0 ENCL.	1		20	21275	CAPSCREW - S.S. - 3/8-16 X 2.5"	2
* 8	27146	GASKET NI-2085 - HOUSING	1		21	21274	HEX HD. CAPSCREW S.S. - 3.8-16 X 1.25	4
* 9	26685	SEAL - Ø1.75 - CERAMIC - VITON	1		22	22461	HEX NUT- S.S. - 5/8"	1
10	27155	SEAL ADAPTER - DUCTILE IRON	1		23	26258	LOCKWASHER - STEEL - 5/8"	3
11	21267	PIPE PLUG - S.S. - 1/4" N.P.T.	1		24	26686	EYE BOLT - STEEL - 5/8-11	1
12	27134	ADAPTER - CAST IRON	1		25	33186	BODY ASSY. C.	1
13	41479	PIPE PLUG - C. - 1/2" N.P.T.	1		26	27248	HEX HD. CAPSCREW ZPS 3/8-18 X 3.50"	2

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