

CHEMFLO® 6 3" x 2" End Suction Centrifugal Pump

Made with high quality investment cast 316 stainless steel components, the ChemFlo® series of pumps are designed to be applied in a wide range of pumping applications where stainless steel is required.

The ChemFlo® 6 pumps utilize an enclosed impeller designed for achieving higher heads and efficiencies than a standard semi-open impeller. Multiple impeller trims allow the ChemFlo® 6 to meet most duty points up to 500 GPM and total head up to 157 feet. Several mechanical seal options are available in addition to the standard type 2100 carbon / ceramic / Viton mechanical seal.

ChemFlo® 6 pumps are offered in two configurations, pump (with motor) and PumPAK® (without motor) versions. Electric and hydraulic motors can be close coupled to ChemFlo® 6 pumps or pedestal mounted versions are also available for long coupling.

SPECIFICATIONS:

Suction and Discharge . . 3" x 2" 150# ANSI flange

Materials of Construction 316 Stainless steel

Flow Up to 500 GPM

Head Feet Up to 157'

Impeller 6.18" enclosed, cast 316 SS

Motor Up to 15 HP

Drive Options Close coupled 145TC

Close coupled 184TC

Close coupled 215TC

Pedestal

PumPAK® (without motor)

Seal Standard carbon / ceramic / Viton



Application:

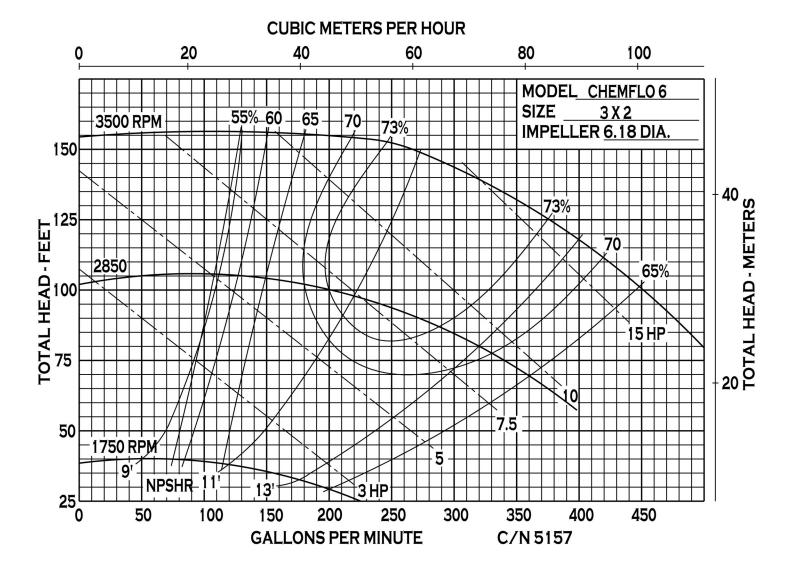
- Agricultural
- Commercial
- Industrial
- MarineOEM

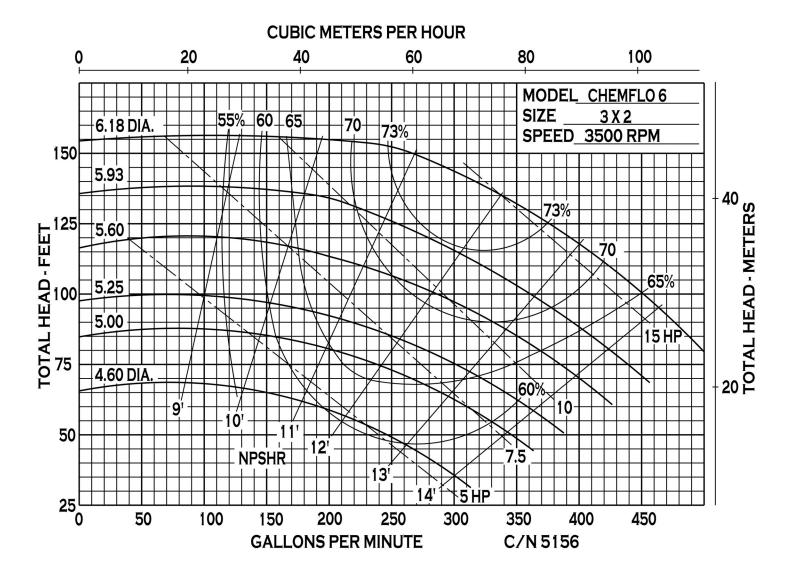
Drive Sleeve:

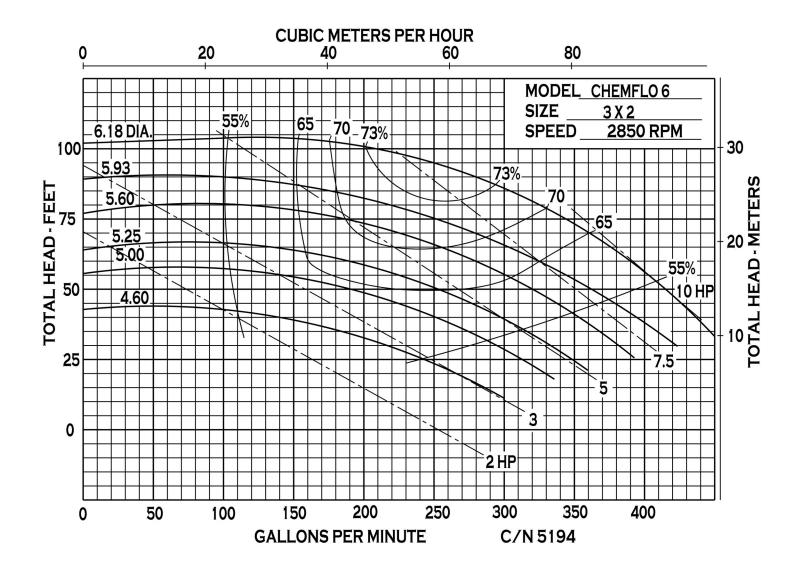
• 316 stainless steel

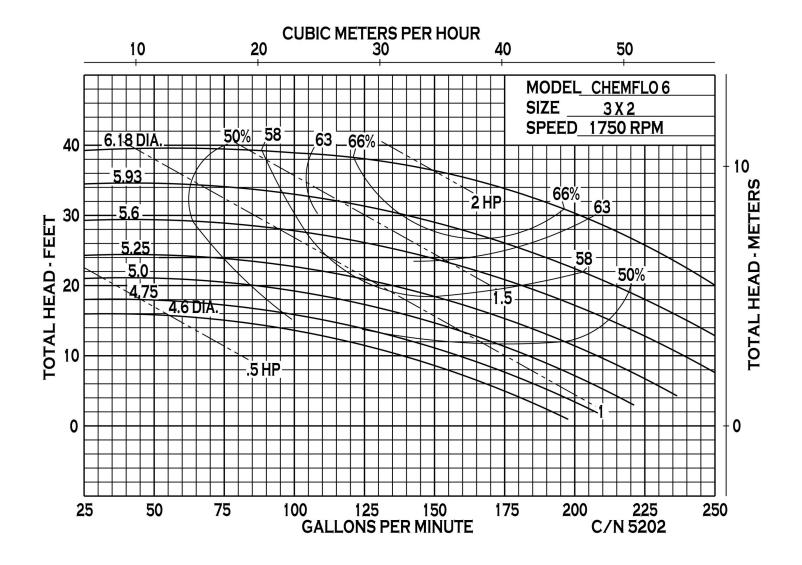
Options:

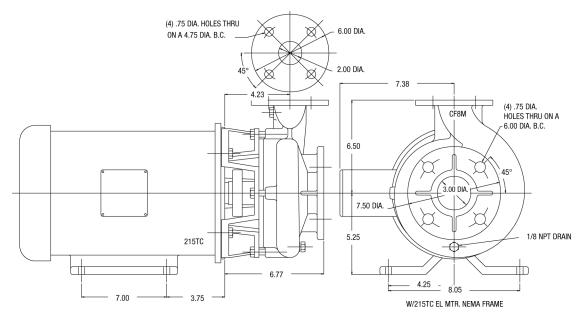
- Hydraulic motor 1.16 cu. in.
- Hydraulic motor 1.59 cu. in.
- Special seal material combinations available (consult factory)
- Tap for recirculation or seal flush

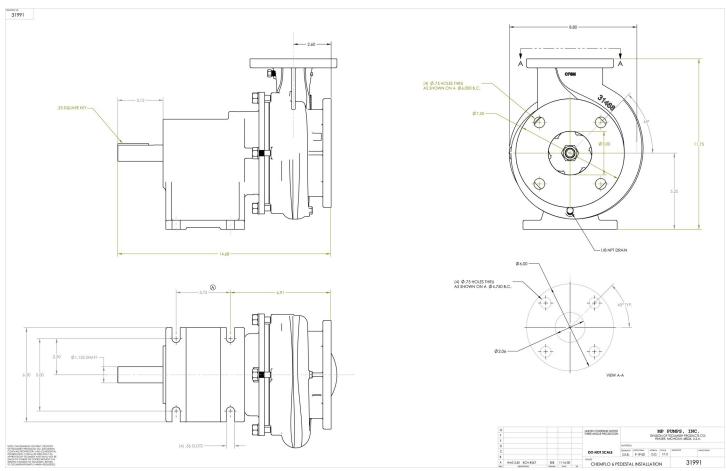


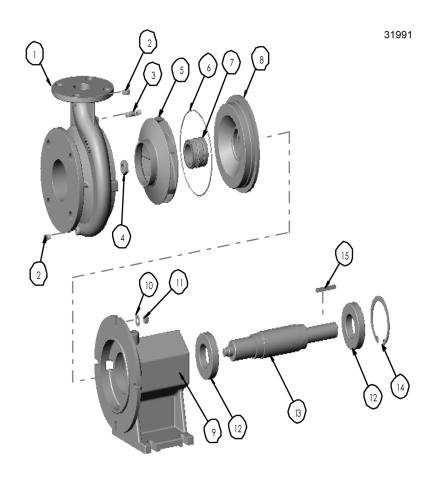










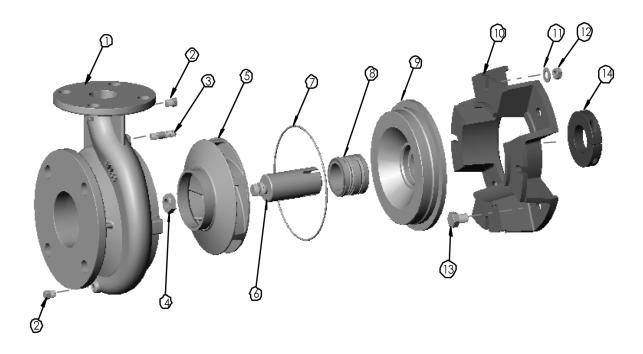


	ITEM PART NO. NO.		DESCRIPTION	QTY.
ľ	1	31469	VOLUTE S.S.	1
	2	21255	PIPE PLUG S.S 1/8" NPT	2
	3	21261	STUD S.S 3/8-16 X 1 5/8"	4
*	4	29194	HEX JAM NUT S.S 5/8-18	1
*	5	31467	IMPELLER S.S 6.18" DIA.	1
*	6	31233	O-RING- VITON	1
*	7	31374	MECH. SEAL- 1.5" T-2100	1
	8	31093	SEAL HOUSING S.S.	1
	9	31656	BEARING HOUSING	1
	10	28053	WASHER S.S 3/8	4
	11	21268	HEX NUT S.S 3/8-16	4
*	12	31804	BALL BEARING	2
	13	31802	DRIVE SHAFT S.S.	1
	14	31803	SNAP RING	1
	15	26796	SQUARE KEY25"	1

^{*-} RECOMMENDED REPLACEMENT PARTS

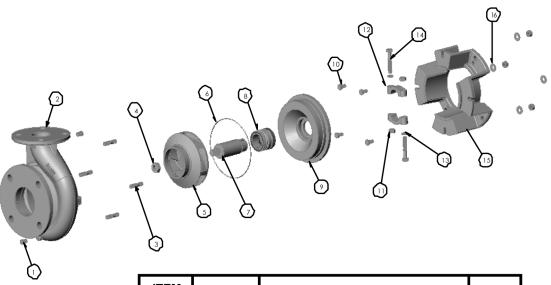


31661



	ITEM PART NO.		DESCRIPTION	QTY.
_	1	31469	VOLUTE S.S.	1
	2	21255	PIPE PLUG S.S 1/8" NPT	2
	3	21261	STUD S.S 3/8-16 X 1 5/8"	4
*	4	29194	HEX JAM NUT S.S 5/8-18	1
*	5	31467	IMPELLER S.S 6.18" DIA.	1
*	6	31311	DRIVE SLEAVE S.S.	1
*	7	31233	O-RING- VITON	1
*	8	31374	MECH. SEAL- 1.5" T-2100	1
	9	31093	SEAL HOUSING S.S.	1
	10	31091	MOTOR ADAPTER- 184TC/215TC	1
	11	28053	WASHER S.S 3/8"	4
	12	21268	HEX NUT S.S 3/8-16	4
	13	31235	CAP SCREW S.S 1/2-13	4
	14	31312	CLAMP- 1.5"	1

^{*-} RECOMMENDED REPLACEMENT PARTS

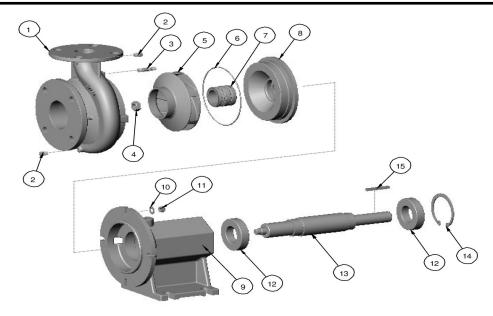


	ITEM NO.	PART NO.	DESCRIPTION	QTY.
_	1	21255	PIPE PLUG S.S 1/8 N.P.T.	2
	2	31469	HOUSING S.S CHEMFLO 6	1
	3	21261	STUD S.S 3/8-16 X 1 5/8"	4
*	4	29194	HEX JAM NUT S.S 5/8-18	1
*	5	31751	IMPELLER S.S 5.60" DIA.	1
*	6	31233	O-RING - VITON	1
*	7	31831	DRIVE SLEEVE - 1.0" I.D.	1
*	8	31374	MECH. SEAL- 1.5" T-2100	1
	9	31093	SEAL HOUSING S.S.	1
	10	31367	CAPSCREW S.S M8 X 1.25	4
	11	21268	HEX NUT S.S 3/8-16	6
	12	22356	CLAMP S.S 1.0"	2
	13	21266	LOCK WASHER S.S 3/8"	2
	14	21269	CAPSCREW S.S 3/8-16 X 2.25	2
	15	34189	ENGINE ADAPTOR	1
	16	28053	WASHER S.S.	4

^{*-} RECOMMENDED REPLACEMENT PARTS

CHEMFLO 5 & 6

Pedestal Pump

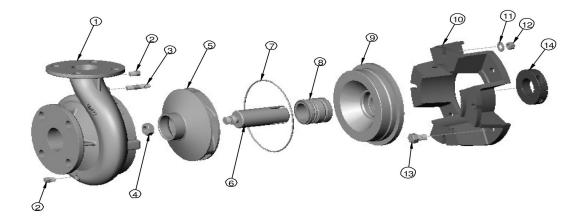


	ITEM NO.	PART NO.	DESCRIPTION		QTY.
	1	31098	VOLUTE S.S. CHEM 5	2 x 1.5	1
		31469	VOLUTE S.S. CHEM 6	3 x 2	1
	2	21255	PIPE PLUG S.S 1/8" NPT		2
	3	33161	STUD S.S 3/8-16 X 2		4
*	4	29194	HEX JAM NUT S.S 5/8-18		1
	5	31096	IMPELLER S.S 6.18"	CF5	1
		31467	IMPELLER S.S 6.18"	CF6	1
*	6	31233	O-RING- VITON		1
*	7	31374	MECH. SEAL- 1.5" T-2100		1
	8	31093	SEAL HOUSING S.S.		1
	9	31656	BEARING HOUSING		1
	10	28053	WASHER S.S 3/8		4
	11	21268	HEX NUT S.S 3/8-16		4
*	12	31804	BALL BEARING		2
	13	31802	DRIVE SHAFT S.S.		1
	14	31803	SNAP RING		1
	15	33232	SQUARE KEY25"		1

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CHEMFLO 5 & 6

Pumpak



ITEM	PART	DESCRIPTION	QTY.
NO.	NO.		<u> </u>
1	31098	VOLUTE S.S. CHEM5 2 x 1.5	1
	31469	VOLUTE S.S. CHEM6 3 x 2	1
2	21255	PIPE PLUG S.S 1/8" NPT	2
3	33161	STUD S.S 3/8-16 X 2"	4
4	29194	HEX JAM NUT S.S 5/8-18	1
5	31096	IMPELLER S.S 6.18" CHEM 5	1
	31467	IMPELLER S.S 6.18" CHEM 6	1
. 6	31806	DRIVE SLEEVE S.S. 145TC	1
	31094	DRIVE SLEEVE S.S. 184TC	1
	31311	DRIVE SLEEVE S.S. 215TC	1
. 7	31233	O-RING- VITON	1
8	31374	MECH. SEAL- 1.5" T-2100	1
9	31093	SEAL HOUSING S.S. CHEM 5 & 6	1
10	31711	MOTOR ADAPTER- 145TC	1
	31091	MOTOR ADAPTER- 184T/215TC	1
11	28053	WASHER S.S 3/8"	4
12	21268	HEX NUT S.S 3/8-16	4
13	31235	CAP SCREW S.S 1/2-13	4
14	23039	CLAMP ASSY 1" 145TC	1
	31099	CLAMP - 1.38" 184TC	1
	31312	CLAMP- 1.5" 215TC	1

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