

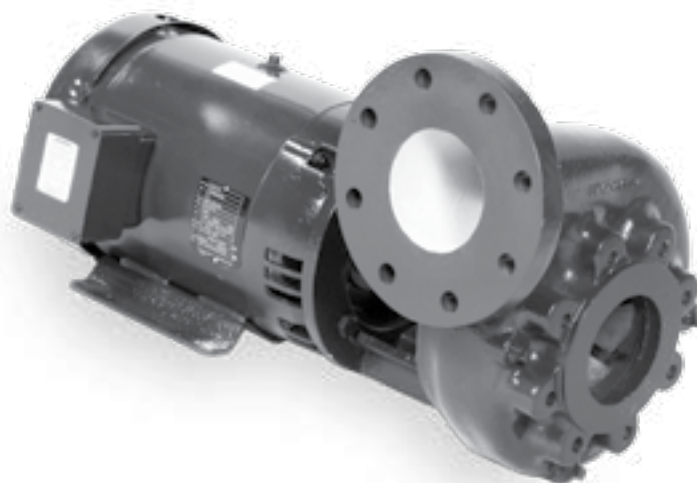
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"

FPS

FEATURES

- Volute: Ductile iron volute for heavy-duty service; back pullout design; can be rotated for ease of installation
- Impeller: Enclosed impeller design for high efficiency; configured for superior NPSH characteristics; ductile iron construction; and internal hydraulic balancing for reduced bearing load
- Seal: Packed-box seal with lantern ring or mechanical seal with silicon carbide/silicon carbide; FKM elastomers
- Motor: 1200, 1800, and 3600 rpm ODP or TEFC motors available; standard JP frames for 1800 (7.5-50 hp) and 3600 (10-50 hp) rpm; custom-shaft JP frames for all other models
- Mounting: Vertical or horizontal
- Replaceable shaft sleeve and bronze wear-rings
- Casing jack-out holes for ease of service
- Two-piece stainless steel packing gland



SPECIFICATIONS

- Capacities to 1,900 gpm
- Heads to 450 feet
- 350 psi maximum working pressure
- 212 °F maximum temperature
- Clockwise rotation when viewed from motor end
- Class 150 flanged pipe connections

Discharge	Suction
2"	3"
2-1/2"	4"
3"	4"
4"	6"
6"	8"

APPLICATIONS

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

CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



ORDER INFORMATION

Pump Size (Dis. x Suc. - Imp)	HP-RPM	PH	Sealing	ODP			TEFC		
				Order No.	Model Description	Wt. (lbs)	Order No.	Model Description	Wt. (lbs)
2 x 3 - 10	10-3600	3	Packing	10030210100	10HC3210-CCPHAA	315	32030210100	10HC3210-CTPHAA	351
	15-3600	3		10030210110	15HC3210-CCPJAA	327	32030210110	15HC3210-CTPJAA	396
	20-3600	3		10030210115	20HC3210-CCPJFA	322	32030210115	20HC3210-CTPJFA	374
	25-3600	3		10030210120	25HC3210-CCPKAA	337	32030210120	25HC3210-CTPKAA	342
	30-3600	3		10030210130	30HC3210-CCPLCF	484	32030210130	30HC3210-CTPLCF	484
	10-3600	1	Mechanical	50030210100	10HC3210-CCPHAA	315	38030210100	10HC3210-CTPHAA	337
	10-3600	3		11030210101	10HC3210-CCMHAA	315	33030210101	10HC3210-CTMHAA	351
	15-3600	3		11030210111	15HC3210-CCMJAA	327	33030210111	15HC3210-CTMJAA	396
	20-3600	3		11030210116	20HC3210-CCMJFA	322	33030210116	20HC3210-CTMJFA	374
	25-3600	3		11030210121	25HC3210-CCMKAA	337	33030210121	25HC3210-CTMKAA	342
	30-3600	3		11030210131	30HC3210-CCMLCF	484	33030210131	30HC3210-CTMLCF	484
2.5 x 4 - 10	10-3600	1	Packing	51030210101	10HC3210-CCMHAA	315	39030210101	10HC3210-CTMHAA	337
	15-3600	3		10042510100	15HC42510-CCPHAA	354	32042510100	15HC42510-CTPHAA	423
	20-3600	3		10042510105	20HC42510-CCPHDJ	327	32042510105	20HC42510-CTPHDJ	379
	25-3600	3		10042510110	25HC42510-CCPJAA	347	32042510110	25HC42510-CTPJAA	352
	30-3600	3		10042510115	30HC42510-CCPIDJ	494	32042510115	30HC42510-CTPIDJ	494
	7.5-1800	3		20042510130	7HC42510-CCPLCF	278	34042510130	7HC42510-CTPLCF	301
	40-3600	3		10042510120	40HC42510-CCPKAA	532	32042510120	40HC42510-CTPKAA	690
	50-3600	3		10042510125	50HC42510-CCPKFA	576	32042510125	50HC42510-CTPKFA	759
	60-3600	3		10042510130	60HC42510-CCPLCF	579	32042510130	60HC42510-CTPLCF	579
	5-1800	1		50042510120	5HC42510-CCPKAA	265	38042510120	5HC42510-CTPKAA	288
	7.5-1800	1	Mechanical	50042510130	7HC42510-CCPLCF	278	38042510130	7HC42510-CTPLCF	299
	15-3600	3		11042510101	15HC42510-CCMHAA	354	33042510101	15HC42510-CTMHAA	423
	20-3600	3		11042510106	20HC42510-CCMHDJ	327	33042510106	20HC42510-CTMHDJ	379
	25-3600	3		11042510111	25HC42510-CCMJAA	347	33042510111	25HC42510-CTMJAA	352
	30-3600	3		11042510116	30HC42510-CCMJDJ	494	33042510116	30HC42510-CTMJDJ	494
	40-3600	3		11042510121	40HC42510-CCMKAA	532	33042510121	40HC42510-CTMKAA	690
	50-3600	3		11042510126	50HC42510-CCMKFA	576	33042510126	50HC42510-CTMKFA	759
	60-3600	3		11042510131	60HC42510-CCMLCF	579	33042510131	60HC42510-CTMLCF	579
	7.5-1800	3		21042510131	7HC42510-CCMLCF	278	35042510131	7HC42510-CTMLCF	301
	5-1800	1		51042510121	5HC42510-CCMKAA	265	39042510121	5HC42510-CTMKAA	288
	7.5-1800	1		51042510131	7HC42510-CCMLCF	278	39042510131	7HC42510-CTMLCF	301
3 x 4 - 10	30-3600	3	Packing	10040310100	30HC4310-CCPHAA	489	32040310100	30HC4310-CTPHAA	489
	40-3600	3		10040310110	40HC4310-CCPJAA	527	32040310110	40HC4310-CTPJAA	685
	50-3600	3		10040310120	50HC4310-CCPJHF	571	32040310120	50HC4310-CTPJHF	754
	60-3600	3		10040310125	60HC4310-CCPKCF	574	32040310125	60HC4310-CTPKCF	754
	75-3600	3		10040310130	75HC4310-CCPKHF	662	32040310130	75HC4310-CTPKHF	803
	100-3600	3	Mechanical	10040310140	100HC4310-CCPLCF	708	32040310140	100HC4310-CTPLCF	1017
	30-3600	3		11040310101	30HC4310-CCMHAA	489	33040310101	30HC4310-CTMHAA	489
	40-3600	3		11040310111	40HC4310-CCMJAA	527	33040310111	40HC4310-CTMJAA	685
	50-3600	3		11040310121	50HC4310-CCMJHF	571	33040310121	50HC4310-CTMJHF	754
	60-3600	3		11040310126	60HC4310-CCMKCF	574	33040310126	60HC4310-CTMKCF	754
	75-3600	3		11040310131	75HC4310-CCMKHF	662	33040310131	75HC4310-CTMKHF	803
	100-3600	3		11040310141	100HC4310-CCMLCF	708	33040310141	100HC4310-CTMLCF	1017

NOTES: There will be an impeller trimming charge applied for any non-standard impeller trim. Consult price sheets for list price adders.

CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



ORDER INFORMATION

Pump Size (Dis. x Suc. - Imp)	HP-RPM	PH	Sealing	ODP			TEFC		
				Order No.	Model Description	Wt. (lbs)	Order No.	Model Description	Wt. (lbs)
4 x 6 - 10	30-3600	3	Packing	10060410100	30HC6410-CCPHAA	552	32060410100	30HC6410-CTPHAA	557
	40-3600	3		10060410105	40HC6410-CCPHFA	592	32060410105	40HC6410-CTPHFA	592
	50-3600	3		10060410110	50HC6410-CCPJAA	636	32060410110	50HC6410-CTPJAA	794
	60-3600	3		10060410115	60HC6410-CCPDJ	639	32060410115	60HC6410-CTPDJ	822
	75-3600	3		10060410120	75HC6410-CCPKAA	727	32060410120	75HC6410-CTPKAA	868
	100-3600	3		10060410130	100HC6410-CCPKHF	773	32060410130	100HC6410-CTPKHF	1082
	125-3600	3	Mechanical	10060410140	125HC6410-CCPLCF	848	32060410140	125HC6410-CTPLCF	966
	30-3600	3		11060410101	30HC6410-CCMHAA	552	33060410101	30HC6410-CTMHAA	552
	40-3600	3		11060410106	40HC6410-CCMHFA	592	33060410106	40HC6410-CTMHFA	750
	50-3600	3		11060410111	50HC6410-CCMJAA	636	33060410111	50HC6410-CTMJAA	819
	60-3600	3		11060410116	60HC6410-CCMJDJ	639	33060410116	60HC6410-CTMJDJ	822
	75-3600	3		11060410121	75HC6410-CCMKAA	727	33060410121	75HC6410-CTMKAA	868
	100-3600	3		11060410131	100HC6410-CCMKHF	773	33060410131	100HC6410-CTMKHF	1082
	125-3600	3		10060410141	125HC6410-CCMLCF	848	33060410141	125HC6410-CTMLCF	966
6 x 8 - 10L	15-1800	3	Packing	20080695100	15HC8695-CCPJFA	544	34080695100	15HC8695-CTPJFA	590
	20-1800	3		20080695110	20HC8695-CCKAA	577	34080695110	20HC8695-CTKAA	643
	25-1800	3		20080695120	25HC8695-CCPKFA	625	34080695120	25HC8695-CTPKFA	632
	5-1200	3		30080695100	5HC8695-CCPKAA	455	36080695100	5HC8695-CTPKAA	485
	7.5-1200	3		30080695110	7HC8695-CCPKFA	468	36080695110	7HC8695-CTPKFA	500
	15-1800	3	Mechanical	21080695101	15HC8695-CCMJFA	544	35080695101	15HC8695-CTMJFA	590
	20-1800	3		21080695111	20HC8695-CC-MKAA	577	35080695111	20HC8695-CT-MKAA	643
	25-1800	3		21080695121	25HC8695-CCMKFA	625	35080695121	25HC8695-CTMKFA	632
	5-1200	3		31080695101	5HC8695-CCMKAA	455	37080695101	5HC8695-CTMKAA	485
	7.5-1200	3		31080695111	7HC8695-CCMKFA	468	37080695111	7HC8695-CTMKFA	500
6 x 8 - 10	20-1800	3	Packing	20080610100	20HC8610-CCPKAA	582	34080610100	20HC8610-CTPKAA	648
	30-1800	3		20080610110	30HC8610-CCPKFA	672	34080610110	30HC8610-CTPKFA	672
	40-1800	3		20080610120	40HC8610-CCPLCF	777	34080610120	40HC8610-CTPLCF	929
	5-1200	3		30080610100	5HC8610-CCPJFA	500	36080610100	5HC8610-CTPJFA	530
	7.5-1200	3		30080610110	7HC8610-CCPKFA	535	36080610110	7HC8610-CTPKFA	567
	10-1200	3		30080610120	10HC8610-CCPLCF	600	36080610120	10HC8610-CTPLCF	645
	20-1800	3	Mechanical	21080610101	20HC8610-CCMKAA	582	35080610101	20HC8610-CTMKAA	648
	30-1800	3		21080610111	30HC8610-CCMKFA	672	35080610111	30HC8610-CTMKFA	679
	40-1800	3		21080610121	40HC8610-CCMLCF	777	35080610121	40HC8610-CTMLCF	929
	5-1200	3		31080610101	5HC8610-CCMJFA	500	37080610101	5HC8610-CTMJFA	530
	7.5-1200	3		31080610111	7HC8610-CCMKFA	535	37080610111	7HC8610-CTMKFA	567
	10-1200	3		31080610121	10HC8610-CCMLCF	600	37080610121	10HC8610-CTMLCF	645

NOTES: There will be an impeller trimming charge applied for any non-standard impeller trim. Consult price sheets for list price adders.

IMPELLER TRIM

Example: 15XS4313-CCMLBD = 10.13" trim

A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14

NOTE: Impeller trim diameter designated by the last three digits of the model description.

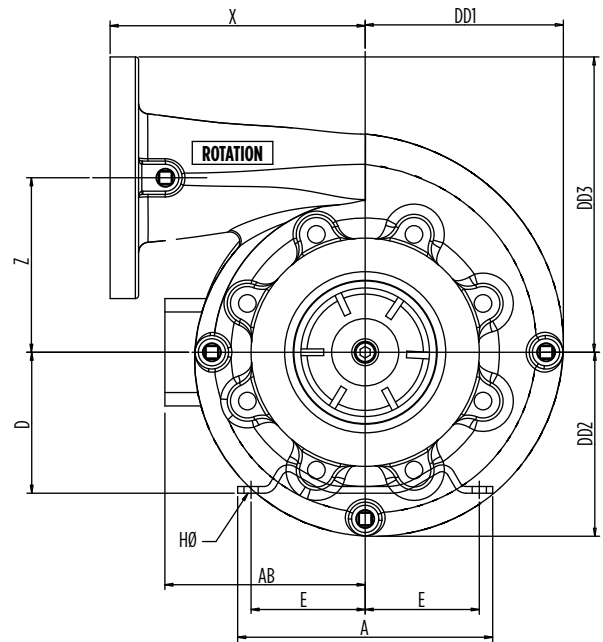
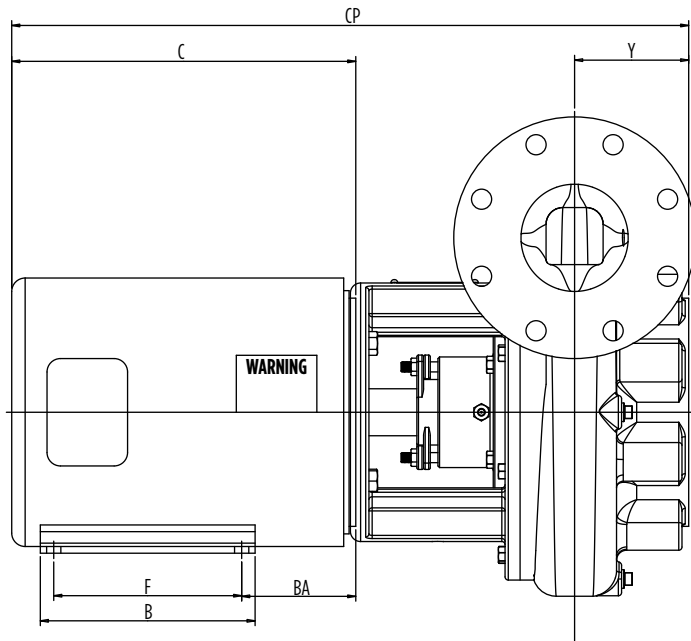
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"

FPS

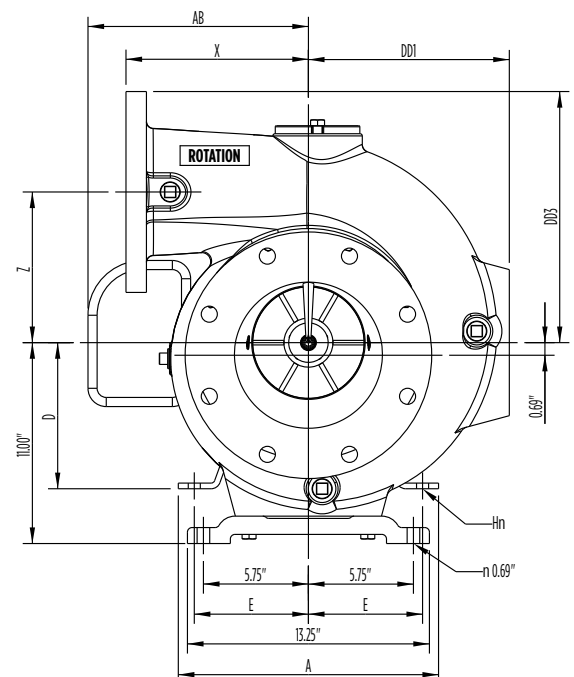
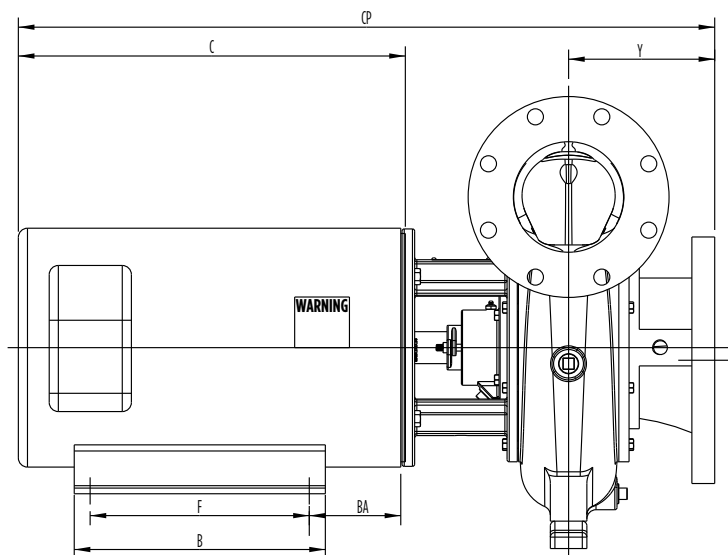
DIMENSIONS

FIG. 1



DIMENSIONS

FIG. 2



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



DIMENSIONS

Size	Fig.	HP	PH	Dimensions (in)															
				A	B	C	D	E	F	H	CP	X	Y	Z	DD1	DD2	DD3	AB	BA
2 x 3 - 10	1	10	1	9.50	8.00	15.06	5.25	4.25	7.00	0.41	26.02	7.48	2.99	5.75	6.34	6.25	8.75	7.93	4.50
		10	3	9.50	8.00	12.81	5.25	4.25	7.00	0.41	23.77	7.48	2.99	5.75	6.34	6.25	8.75	7.97	4.25
		15	3	9.50	8.00	15.56	5.25	4.25	7.00	0.43	26.52	7.48	2.99	5.75	6.34	6.25	8.75	7.93	4.50
		20	3	11.25	11.25	17.93	6.25	5.00	10.00	0.53	28.89	7.48	2.99	5.75	6.34	6.25	8.75	9.49	4.75
		25	3	11.25	11.25	17.93	6.25	5.00	10.00	0.53	28.89	7.48	2.99	5.75	6.34	6.25	8.75	9.49	4.75
		30	3	12.25	12.24	19.81	6.97	5.50	11.00	0.53	30.77	7.48	2.99	5.75	6.34	6.25	8.75	11.37	4.75
5		1	9.50	8.00	13.94	5.25	4.25	7.00	0.41	25.02	8.00	3.04	6.00	6.74	6.43	9.50	7.93	4.50	
7.5		1	9.50	8.00	15.06	5.25	4.25	7.00	0.41	26.14	8.00	3.04	6.00	6.74	6.43	9.50	7.93	4.50	
7.5		3	9.50	8.00	12.81	5.25	4.25	7.00	0.41	23.89	8.00	3.04	6.00	6.74	6.43	9.50	7.97	4.25	
15		3	9.50	8.00	15.56	5.25	4.25	7.00	0.43	26.64	8.00	3.04	6.00	6.74	6.43	9.50	7.93	4.50	
20		3	11.25	11.25	17.93	6.25	5.00	10.00	0.53	29.01	8.00	3.04	6.00	6.74	6.43	9.50	9.49	4.75	
25		3	11.25	11.25	17.93	6.25	5.00	10.00	0.53	29.01	8.00	3.04	6.00	6.74	6.43	9.50	9.49	4.75	
30		3	12.25	12.24	19.81	6.97	5.50	11.00	0.53	30.89	8.00	3.04	6.00	6.74	6.43	9.50	11.37	4.75	
40		3	12.25	12.24	21.31	6.97	5.50	11.00	0.53	32.39	8.00	3.04	6.00	6.00	6.43	9.50	11.37	4.75	
50		3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	32.27	8.00	3.04	6.00	6.74	6.43	9.50	12.21	5.26	
60		3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	32.27	8.00	3.04	6.00	6.74	6.43	9.50	12.21	5.26	
3 x 4 - 10		30	3	12.25	12.24	19.81	6.97	5.50	11.00	0.53	31.01	8.50	3.09	6.25	7.04	6.63	10.00	11.37	4.75
		40	3	12.25	12.24	21.31	6.97	5.50	11.00	0.53	32.51	8.50	3.09	6.25	7.04	6.63	10.00	11.37	4.75
		50	3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	32.39	8.50	3.09	6.25	7.04	6.63	10.00	12.21	5.26
		60	3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	32.39	8.50	3.09	6.25	7.04	6.63	10.00	12.21	5.26
		75	3	15.75	14.00	22.31	9.00	7.00	12.25	0.66	33.51	8.50	3.09	6.25	7.04	6.63	10.00	13.20	5.88
		100	3	15.75	14.00	23.31	9.00	7.00	12.25	0.66	34.51	8.50	3.09	6.25	7.04	6.63	10.00	13.20	5.88
4 x 6 - 10		30	3	12.25	12.24	19.81	6.97	5.50	11.00	0.53	32.29	9.50	4.25	6.50	7.38	6.85	11.00	11.37	4.75
		40	3	12.25	12.24	21.31	6.97	5.50	11.00	0.53	33.79	9.50	4.25	6.50	7.38	6.85	11.00	11.37	4.75
		50	3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	33.67	9.50	4.25	6.50	7.38	6.85	11.00	12.21	5.26
		60	3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	33.67	9.50	4.25	6.50	7.38	6.85	11.00	12.21	5.26
		75	3	15.75	14.00	22.31	9.00	7.00	12.25	0.66	34.79	9.50	4.25	6.50	7.38	6.85	11.00	13.20	5.88
		100	3	15.75	14.00	23.31	9.00	7.00	12.25	0.66	35.79	9.50	4.25	6.50	7.38	6.85	11.00	13.20	5.88
6 x 8 - 10		2	125	3	18.49	16.62	27.85	10.00	8.00	13.75	0.81	40.33	9.50	4.25	6.50	7.38	6.85	11.00	16.39
	5		3	9.50	8.00	13.94	5.25	4.25	7.00	0.41	30.88	9.99	8.00	8.25	11.00	-	13.75	7.46	4.25
	7.5		3	11.25	9.50	15.81	6.25	5.00	8.25	0.53	32.75	9.99	8.00	8.25	11.00	-	13.75	7.93	4.75
	10		3	11.25	11.25	19.43	6.25	5.00	10.00	0.53	36.37	9.99	8.00	8.25	11.00	-	13.75	9.49	4.75
	20		3	11.25	11.25	18.31	6.25	5.00	10.00	0.53	35.25	9.99	8.00	8.25	11.00	-	13.75	8.66	4.75
	30		3	12.25	12.24	21.31	6.97	5.50	11.00	0.53	38.25	9.99	8.00	8.25	11.00	-	13.75	11.37	4.75
	40		3	14.25	13.75	21.19	8.00	6.25	12.00	0.66	38.13	9.99	8.00	8.25	11.00	-	13.75	12.21	5.26
	5		3	9.50	8.00	13.94	5.25	4.25	7.00	0.41	30.88	9.99	8.00	8.25	11.00	-	13.75	7.46	4.25
	7.5		3	11.25	9.50	15.81	6.25	5.00	8.25	0.53	32.75	9.99	8.00	8.25	11.00	-	13.75	7.93	4.75
	15		3	11.25	9.50	15.82	6.25	5.00	8.25	0.53	32.76	9.99	8.00	8.25	11.00	-	13.75	8.17	5.00
	20		3	11.25	11.25	18.31	6.25	5.00	10.00	0.53	35.25	9.99	8.00	8.25	11.00	-	13.75	8.66	4.75
	25	3	12.25	12.24	19.81	6.97	5.50	11.00	0.53	36.75	9.99	8.00	8.25	11.00	-	13.75	11.37	4.75	

NOTE: Dimensions are for estimating purposes only.

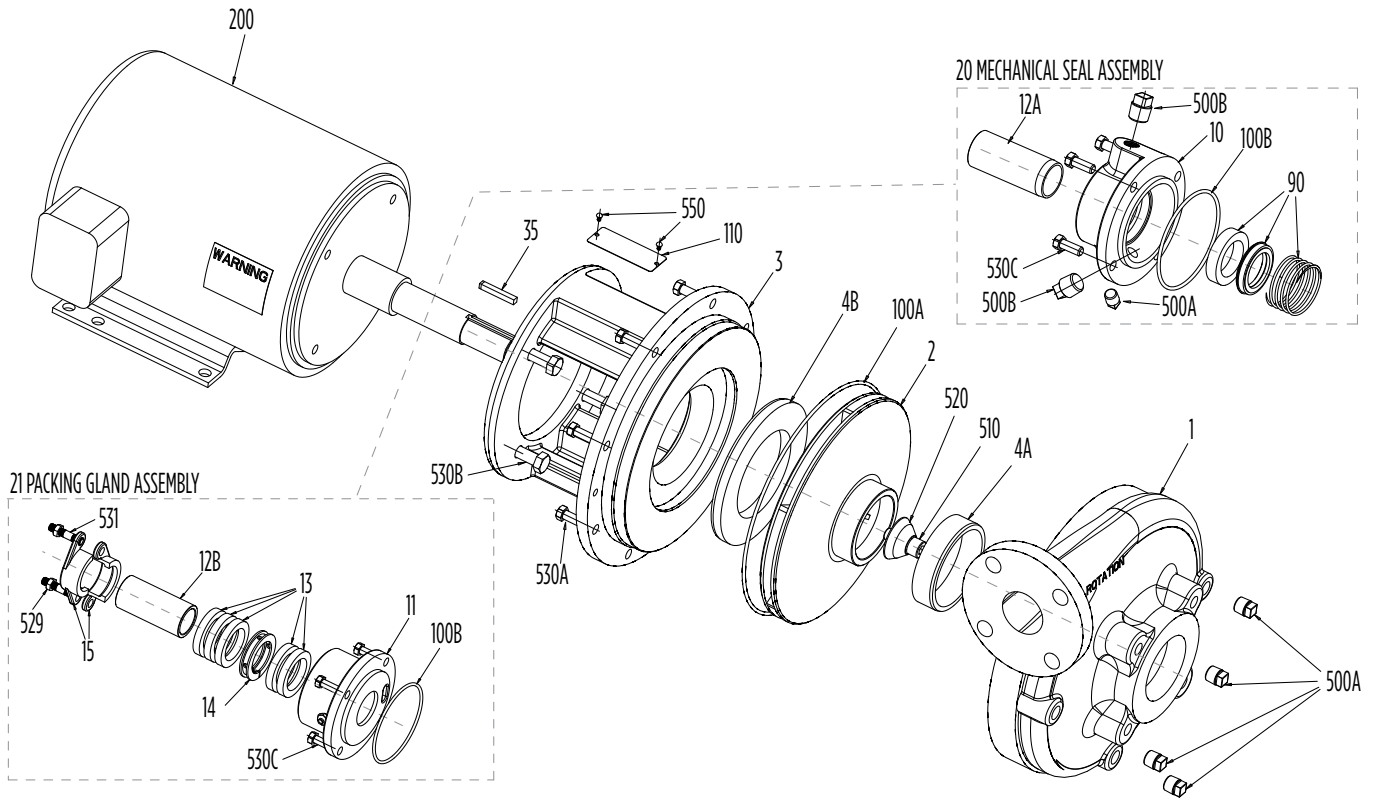
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

2 X 3 - 10



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

2 X 3 - 10

Fig.	Description	Part No.	Materials
1	Volute, Case	305411907	ASTM 536 Ductile Iron
2	Impeller (10.25 diameter, 1-1/4" bore)	305410935	ASTM 536 Ductile Iron
3	Bracket	See Table 1	ASTM 536 Ductile Iron
4A	Wear Ring	305417903	SAE 660 Bronze
4B	Wear Ring	305417916	SAE 660 Bronze
10	Seal Box	305415923	ASTM 536 Ductile Iron
11	Stuffing Box	305415920	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415918	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415909	SAE 660 Bronze
13	Packing Rings (set of 5)	305415914	Graphite Yarn with PTFE
14	Lantern Ring	305415912	PTFE
15	Packing Gland (set of 2)	305415916	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415906	Various
21	Packing Gland Assembly	305415901	Various
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418925	Nitrile
100B	O-ring, Stuffing/Seal Box	305418923	Nitrile
110	Nameplate	305418901	Stainless Steel
200	See Motor Section		
500A	Pipe Plug (3/8 NPT) (4 pack)	305418930	CAD-Plated Steel
500B	Pipe Plug (1/2 NPT) (2 pack)	305418931	CAD-Plated Steel
500C	Pipe Plug - 1/4 NPT	305418929	CAD-Plated Steel
Not Shown	Water Slinger	305447008	Neoprene
510	Screw, Impeller (1/2-13 x 1.25)	305418902	Stainless Steel
520	Washer, Impeller	305419904	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (3/8-16 x 1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13 x 1.25) (4 pack)	305418915	CAD-Plated Steel
530C	Capscrew, Hex (3/8-16 x 1.00) (4 pack)	305418913	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

BRACKETS

2 X 3 - 10

HP	RPM	Bracket	Part No.
10-20	3575	8.5AK	305412902
25 ODP			
25 TEFC			
30		12.5AK	305412906

SEAL KITS

2 X 3 - 10

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464107
Packing	12B, 13, 14, 100A, 100B	305464108

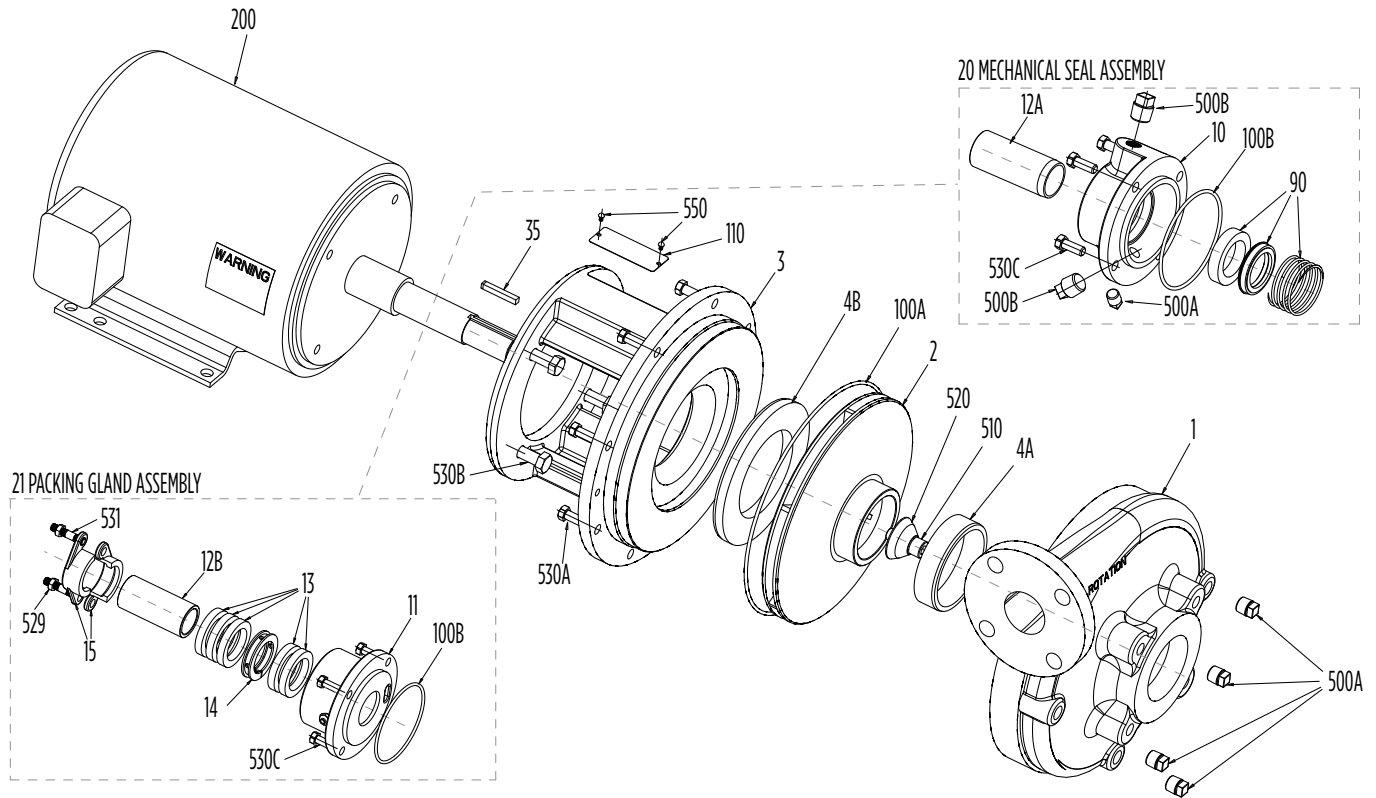
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

2.5 X 4 - 10



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

2.5 X 4 - 10

Fig.	Description	Part No.	Materials
1	Volute, Case	305411908	ASTM 536 Ductile Iron
2	Impeller (10.25 diameter, 1-1/4" bore)	305410940	ASTM 536 Ductile Iron
3	Bracket	See Table 1	ASTM 536 Ductile Iron
4A	Wear Ring	305417905	SAE 660 Bronze
4B	Wear Ring	305417923	SAE 660 Bronze
10	Seal Box	305415923	ASTM 536 Ductile Iron
11	Stuffing Box	305415920	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415918	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415909	SAE 660 Bronze
13	Packing Rings (set of 5)	305415914	Graphite Yarn with PTFE
14	Lantern Ring	305415912	PTFE
15	Packing Gland (set of 2)	305415916	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415906	Various
21	Packing Gland Assembly	305415901	Various
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418925	Nitrile
100B	O-ring, Stuffing/Seal Box	305418923	Nitrile
110	Nameplate	305418901	Stainless Steel
200	See Motor Section		
500A	Pipe Plug (3/8 NPT) (4 pack)	305418930	CAD-Plated Steel
500B	Pipe Plug (1/2 NPT) (2 pack)	305418931	CAD-Plated Steel
500C	Pipe Plug (1/4 NPT)	305418929	CAD-Plated Steel
Not Shown	Water Slinger	305447008	Neoprene
510	Screw, Impeller (1/2-13 x 1.25)	305418902	Stainless Steel
520	Washer, Impeller	305419902	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (3/8-16 x 1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13 x 1.25) (4 pack)	305418915	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11 x 1.25) (4 pack)	305418917	CAD-Plated Steel
530C	Capscrew, Hex (3/8-16 x 1.00) (4 pack)	305418913	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

BRACKETS

2.5 X 4 - 10

HP	RPM	Bracket	Part No.
10-20	3575	8.5AK	305412902
25 ODP		12.5AK	305412906
25 TEFC			
30			

SEAL KITS

2.5 X 4 - 10

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464107
Packing	12B, 13, 14, 100A, 100B	305464108

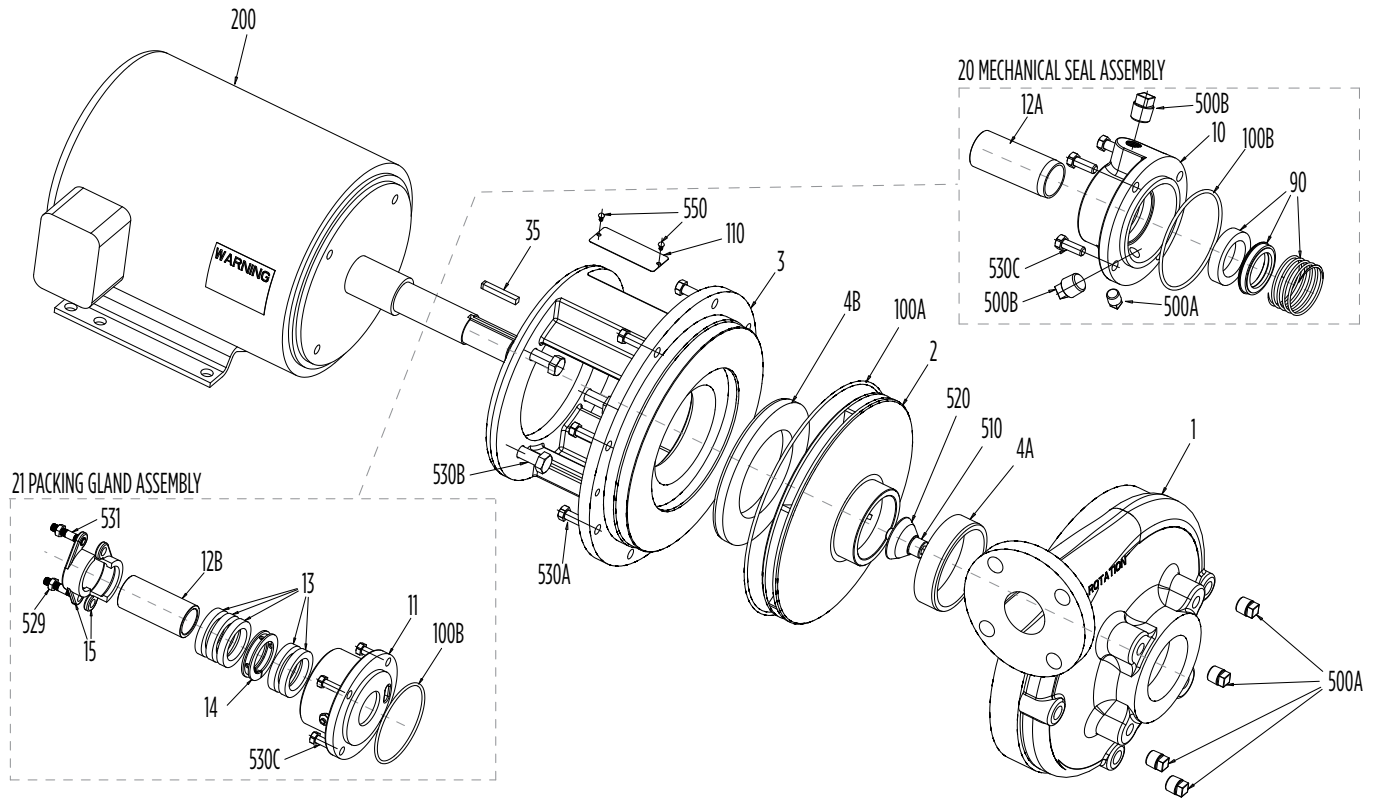
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

3 X 4 - 10



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

3 X 4 - 10

Fig.	Description	Part No.	Materials
1	Volute, Case	305411909	ASTM 536 Ductile Iron
2	Impeller (10.25 diameter, 1-1/4" bore)	305410947	ASTM 536 Ductile Iron
3	Bracket	305412906	ASTM 536 Ductile Iron
4A	Wear Ring	305417906	SAE 660 Bronze
4B	Wear Ring	305417918	SAE 660 Bronze
10	Seal Box	305415923	ASTM 536 Ductile Iron
11	Stuffing Box	305415920	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415918	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415909	SAE 660 Bronze
13	Packing Rings (set of 5)	305415914	Graphite Yarn with PTFE
14	Lantern Ring	305415912	PTFE
15	Packing Gland (set of 2)	305415916	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415906	Various
21	Packing Gland Assembly	305415901	Various
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418925	Nitrile
100B	O-ring, Stuffing/Seal Box	305418923	Nitrile
110	Nameplate	305418901	Stainless Steel
200	See Motor Section		
500A	Pipe Plug (3/8 NPT) (4 pack)	305418930	CAD-Plated Steel
500B	Pipe Plug (1/2 NPT) (2 pack)	305418931	CAD-Plated Steel
500C	Pipe Plug (1/4 NPT)	305418929	CAD-Plated Steel
Not Shown	Water Slinger	305447008	Neoprene
510	Screw, Impeller (1/2-13 x 1.25)	305418902	Stainless Steel
520	Washer, Impeller	305419902	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (3/8-16 x 1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13 x 1.25) (4 pack)	305418915	CAD-Plated Steel
530C	Capscrew, Hex (3/8-16 x 1.00) (4 pack)	305418913	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

SEAL KITS

3 X 4 - 10

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464107
Packing	12B, 13, 14, 100A, 100B	305464108

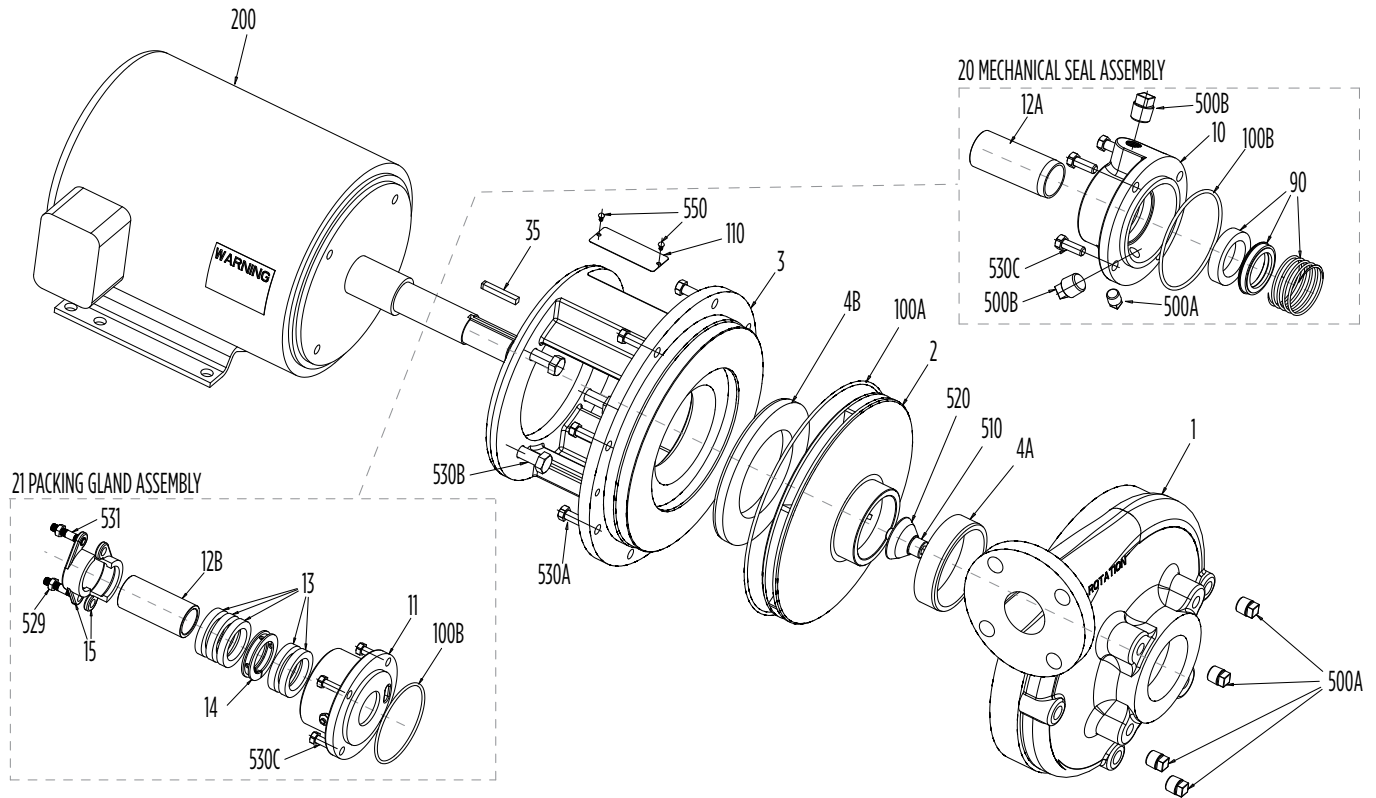
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

4 X 6 - 10



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

4 X 6 - 10

Fig.	Description	Part No.	Materials
1	Volute, Case	305411910	ASTM 536 Ductile Iron
2	Impeller (10.25 diameter, 1-1/4" bore)	305410952	ASTM 536 Ductile Iron
3	Bracket	305412906	ASTM 536 Ductile Iron
4A	Wear Ring	305417909	SAE 660 Bronze
4B	Wear Ring	305417921	SAE 660 Bronze
10	Seal Box	305415923	ASTM 536 Ductile Iron
11	Stuffing Box	305415920	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415918	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415909	SAE 660 Bronze
13	Packing Rings (set of 5)	305415914	Graphite Yarn with PTFE
14	Lantern Ring	305415912	PTFE
15	Packing Gland (set of 2)	305415916	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415906	Various
21	Packing Gland Assembly	305415901	Various
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418924	Nitrile
100B	O-ring, Stuffing/Seal Box	305418923	Nitrile
110	Nameplate	305418901	Stainless Steel
200	See Motor Section		
500A	Pipe Plug (3/8 NPT) (4 pack)	305418930	CAD-Plated Steel
500B	Pipe Plug (1/2 NPT) (2 pack)	305418931	CAD-Plated Steel
500C	Pipe Plug (1/4 NPT)	305418929	CAD-Plated Steel
Not Shown	Water Slinger	305447008	Neoprene
510	Screw, Impeller (1/2-13 x 1.25)	305418902	Stainless Steel
520	Washer, Impeller	305419905	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (3/8-16 x 1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13 x 1.25) (4 pack)	305418915	CAD-Plated Steel
530C	Capscrew, Hex (3/8-16 x 1.00) (4 pack)	305418913	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (Set of 2)	305418910	Stainless Steel

SEAL KITS

4 X 6 - 10

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464107
Packing	12B, 13, 14, 100A, 100B	305464108

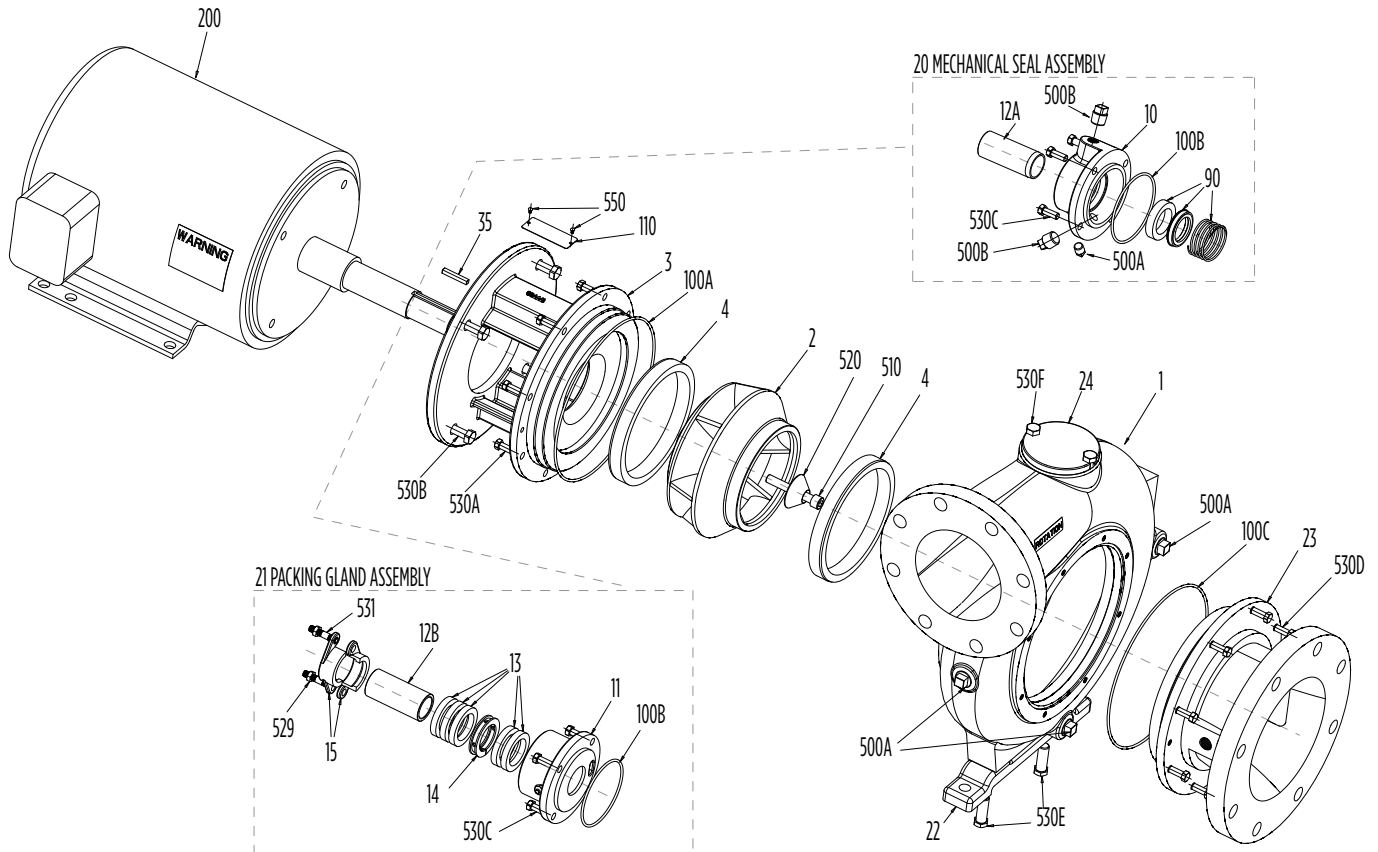
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

6 X 8 - 10L



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

6 X 8 - 10L

Fig.	Description	Part No.	Materials
1	Volute, Case	305411912	ASTM 536 Ductile Iron
2	Impeller (9.5 diameter, 1-1/4" bore)	305410957	ASTM 53 Ductile Iron
3	Bracket	See Table 1	ASTM 536 Ductile Iron
4	Wear Ring	305417912	SAE 660 Bronze
10	Seal Box	305415923	ASTM 536 Ductile Iron
11	Stuffing Box	305415920	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415918	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415909	SAE 660 Bronze
13	Packing Rings (set of 5)	305415914	Graphite Yarn with PTFE
14	Lantern Ring	305415912	PTFE
15	Packing Gland (set of 2)	305415916	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415906	Various
21	Packing Gland Assembly	305415901	Various
22	Foot	305411921	Ductile Iron
23	Suction Spool	305411918	Ductile Iron
24	Clean-out Cover	305411922	Ductile Iron
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418925	Nitrile
100B	O-ring, Stuffing/Seal Box	305418923	Nitrile
100C	O-ring, Suction Spool	305418927	Nitrile
110	Nameplate	305418901	Stainless Steel
200	See Motor Section		
500A	Pipe Plug (3/8 NPT) (4 pack)	305418930	CAD-Plated Steel
500B	Pipe Plug (1/2 NPT) (2 pack)	305418931	CAD-Plated Steel
500C	Pipe Plug (1/4 NPT)	305418929	CAD-Plated Steel
Not Shown	Water Slinger	305447008	Neoprene
510	Screw, Impeller (1/2-13 x 1.25)	305418902	Stainless Steel
520	Washer, Impeller	305419901	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (3/8-16 x 1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13 x 1.25) (4 pack) 8.5AK	305418915	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11 x 1.25) (4 pack) 12.5AK	305418917	CAD-Plated Steel
530C	Capscrew, Hex (3/8-16 x 1.00) (4 pack)	305418913	CAD-Plated Steel
530D	Capscrew, Hex (3/8-16 x 1.00) (8 pack)	305418913	CAD-Plated Steel
530E	Capscrew, Hex (5/8-11 x 1.75) (2 pack)	305418919	CAD-Plated Steel
530F	Capscrew, Hex (1/2-13 x 1.00) (2 pack)	305418914	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

BRACKETS

6 X 8 - 10L

HP	RPM	Bracket	Part No.
5-20	1200/1800	8.5AK	305412903
25	1800	12.5AK	305412907

SEAL KITS

6 X 8 - 10L

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464107
Packing	12B, 13, 14, 100A, 100B	305464108

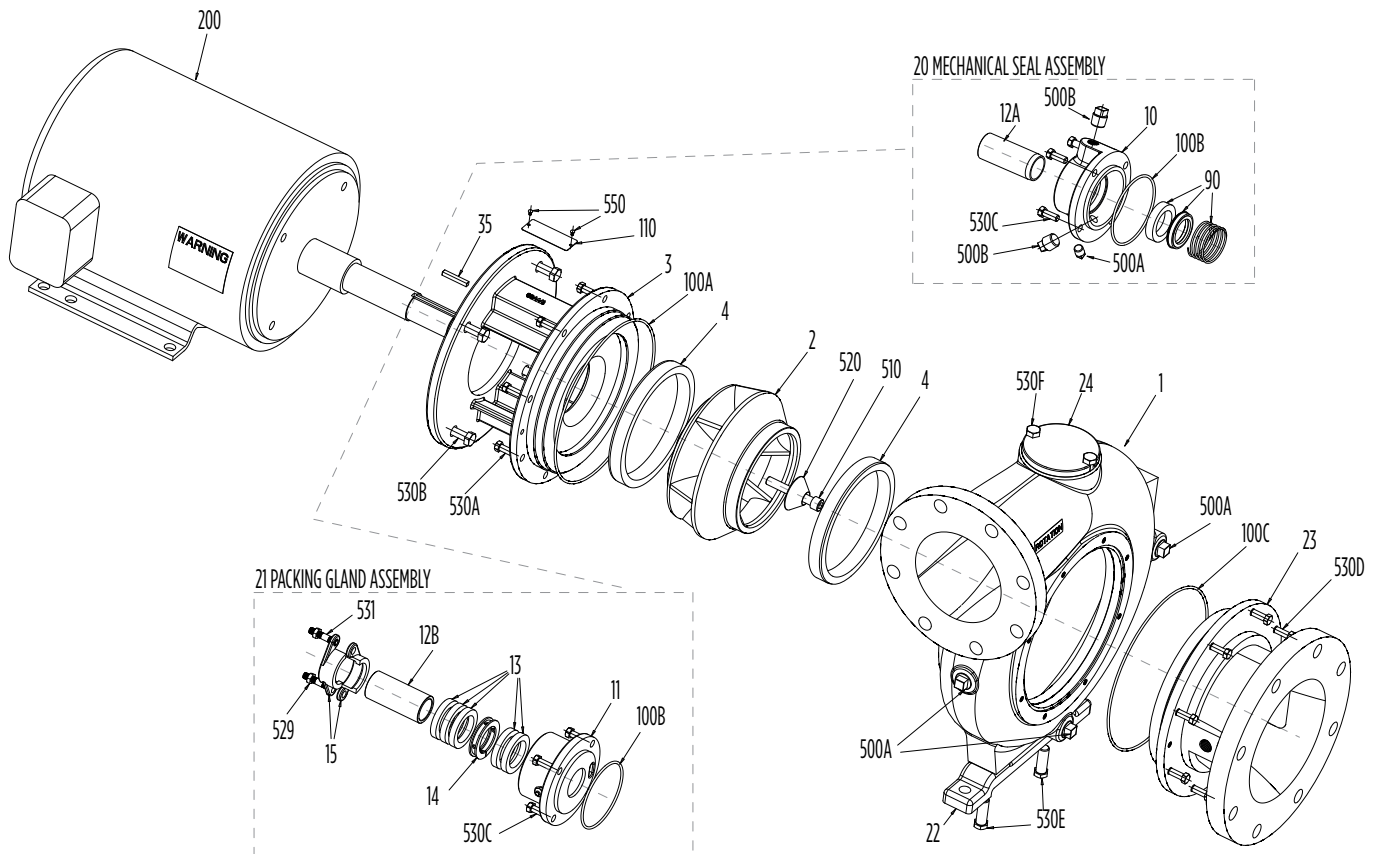
CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

6 X 8 - 10



CENTRIFUGAL PUMPS

CLOSE-COUPLED 10"



EXPLODED PARTS AND MATERIALS

6 X 8 - 10

Fig.	Description	Part No.	Materials
1	Volute, Case	305411912	ASTM 536 Ductile Iron
2	Impeller (10.25 diameter, 1-1/4" bore)	305410962	ASTM 536 Ductile Iron
3	Bracket	See Table 1	ASTM 536 Ductile Iron
4	Wear Ring	305417913	SAE 660 Bronze
10	Seal Box	305415923	ASTM 536 Ductile Iron
11	Stuffing Box	305415920	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415918	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415909	SAE 660 Bronze
13	Packing Rings (set of 5)	305415914	Graphite Yarn with PTFE
14	Lantern Ring	305415912	PTFE
15	Packing Gland (set of 2)	305415916	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415906	Various
21	Packing Gland Assembly	305415901	Various
22	Foot	305411921	Ductile Iron
23	Suction Spool	305411919	Ductile Iron
24	Clean-out Cover	305411922	Ductile Iron
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418926	Nitrile
100B	O-ring, Stuffing/Seal Box	305418923	Nitrile
100C	O-ring, Suction Spool	305418927	Nitrile
110	Nameplate	305418901	Stainless Steel
200	See Motor Section		
500A	Pipe Plug (3/8 NPT) (4 pack)	305418930	CAD-Plated Steel
500B	Pipe Plug (1/2 NPT) (2 pack)	305418931	CAD-Plated Steel
500C	Pipe Plug (1/4 NPT)	305418929	CAD-Plated Steel
Not Shown	Water Slinger	305447008	Neoprene
510	Screw, Impeller (1/2-13 x 2.25)	305418903	Stainless Steel
520	Washer, Impeller	305419905	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (3/8-16 x 1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13 x 1.25) (4 pack) 8.5AK	305418915	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11 x 1.25) (4 pack) 12.5AK	305418917	CAD-Plated Steel
530C	Capscrew, Hex (3/8-16 x 1.00) (4 pack)	305418913	CAD-Plated Steel
530D	Capscrew, Hex (3/8-16 x 1.00) (8 pack)	305418913	CAD-Plated Steel
530E	Capscrew, Hex (5/8-11 x 1.75) (2 pack)	305418919	CAD-Plated Steel
530F	Capscrew, Hex (1/2-13 x 1.00) (2 pack)	305418914	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

BRACKETS

6 X 8 - 10

HP	RPM	Bracket	Part No.
5-20	1200/1800	8.5AK	305412903
30-40	1800	12.5AK	305412907

SEAL KITS

6 X 8 - 10

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464107
Packing	12B, 13, 14, 100A, 100B	305464108

NOTES

CLOSE-COUPLED 10"



NOTES

CLOSE-COUPLED 10"





Franklin Electric