

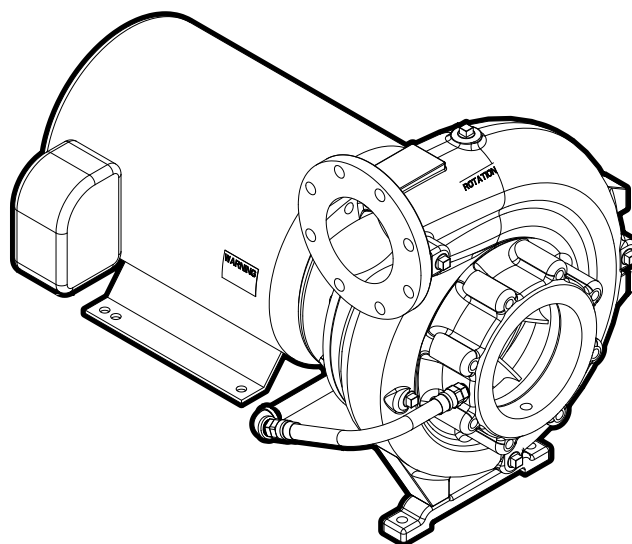
CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"

FPS

FEATURES

- Volute: Ductile iron for heavy-duty service; back pullout design; can be rotated for ease of installation
- Impeller: Enclosed design for high efficiency; configured for superior NPSH characteristics; ductile iron construction with external balance lines for reduced bearing load
- Seal: Packed box with lantern ring or mechanical seal with silicon carbide/silicon carbide; FKM elastomers; 18-8 series stainless steel components
- Motor: 1200 and 1800 rpm available; standard JP frames; 1800 7.5-50 hp; all others use custom shaft JP frames; ODP and TEFC motors available
- 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 7,000 gpm
- Heads to 375 feet
- 350 psi maximum working pressure
- 212 °F maximum temperature
- Clockwise rotation when viewed from motor end
- Class 150 flanged pipe connections

Discharge	Suction
3"	5"
4"	6"
6"	6"
6"	8"
10"	10"

APPLICATIONS

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

CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



ORDERING INFORMATION

Pump Size (Dis. x Suc. - Imp)	HP-RPM	PH	Seal	ODP			TEFC		
				Order No.	Model Description	Wt. (lbs)	Order No.	Model Description	Wt. (lbs)
3 x 5 - 14	20-1800	3	Packing	20050314100	20HC5314-CCPMAA	572	34050314100	20HC5314-CTPMAA	638
	25-1800			20050314110	25HC5314-CCPNAA	600	34050314110	25HC5314-CTPNAA	607
	30-1800			20050314120	30HC5314-CCPPAA	642	34050314120	30HC5314-CTPPAA	642
	40-1800			20050314130	40HC5314-CCPQAA	747	34050314130	40HC5314-CTPQAA	899
	20-1800		Mechanical	21050314101	20HC5314-CCMMAA	572	35050314101	20HC5314-CTMMAA	638
	25-1800			21050314111	25HC5314-CCMNAA	600	35050314111	25HC5314-CTMNAA	607
	30-1800			21050314121	30HC5314-CCMPAA	642	35050314121	30HC5314-CTMPAA	642
	40-1800			21050314131	40HC5314-CCMQAA	747	35050314131	40HC5314-CTMQAA	899
4 x 6 - 14L	30-1800		Packing	20060413100	30HC6413-CCPLAA	647	34060413100	30HC6413-CTPLAA	647
	40-1800			20060413110	40HC6413-CCPMAA	752	34060413110	40HC6413-CTPMAA	904
	50-1800			20060413120	50HC6413-CCPNAA	807	34060413120	50HC6413-CTPNAA	955
	60-1800			20060413130	60HC6413-CCPPAA	838	34060413130	60HC6413-CTPPAA	1118
	30-1800		Mechanical	21060413101	30HC6413-CCMLAA	647	35060413101	30HC6413-CTMLAA	647
	40-1800			21060413111	40HC6413-CCMMAA	752	35060413111	40HC6413-CTMMAA	904
	50-1800			21060413121	50HC6413-CCMNAA	807	35060413121	50HC6413-CTMNAA	955
	60-1800			21060413131	60HC6413-CCMPAA	838	35060413131	60HC6413-CTMPAA	1118
6 x 6 - 14	40-1800	3	Packing	20060614100	40HC6614-CCPLAA	842	34060614100	40HC6614-CTPLAA	994
	50-1800			20060614110	50HC6614-CCPMAA	897	34060614110	50HC6614-CTPMAA	1045
	60-1800			20060614120	60HC6614-CCPNAA	928	34060614120	60HC6614-CTPNAA	1208
	75-1800			20060614130	75HC6614-CCPPAA	1005	34060614130	75HC6614-CTPPAA	1317
	100-1800		Mechanical	20060614140	100HC6614-CCPQAA	1247	34060614140	100HC6614-CTPQAA	1356
	40-1800			21060614101	40HC6614-CCMLAA	842	35060614101	40HC6614-CTMLAA	994
	50-1800			21060614111	50HC6614-CCMMAA	897	35060614111	50HC6614-CTMMAA	1045
	60-1800			21060614121	60HC6614-CCMNAA	928	35060614121	60HC6614-CTMNAA	1208
6 x 8 - 14	75-1800		Packing	21060614131	75HC6614-CCMPAA	1005	35060614131	75HC6614-CTMPAA	1317
	100-1800			21060614141	100HC6614-CCMQAA	1247	35060614141	100HC6614-CTMQAA	1356
	75-1800		Mechanical	20080614100	75HC8614-CCPMAA	1110	34080614100	75HC8614-CTPMAA	1422
	100-1800			20080614110	100HC8614-CCPNAA	1352	34080614110	100HC8614-CTPNAA	1461
	125-1800			20080614120	125HC8614-CCPPAA	1492	34080614120	125HC8614-CTPPAA	1919
	150-1800			20080614130	150HC8614-CCPQAA	2038	34080614130	150HC8614-CTPQAA	2110
	20-1200		Mechanical	30080614100	20HC8614-CCPMAA	915	36080614100	20HC8614-CTPMAA	981
	25-1200			30080614110	25HC8614-CCPNAA	955	36080614110	25HC8614-CTPNAA	962
10 x 10 - 14	30-1200		Packing	30080614120	30HC8614-CCPPAA	985	36080614120	30HC8614-CTPPAA	995
	40-1200			30060814130	40HC8614-CCPQAA	1125	36060814130	40HC8614-CTPQAA	1277
	75-1800			21080614101	75HC8614-CCMMAA	1110	35080614101	75HC8614-CTMMAA	1422
	100-1800			21080614111	100HC8614-CCMNAA	1352	35080614111	100HC8614-CTMNAA	1461
	125-1800		Mechanical	21080614121	125HC8614-CCMPAA	1492	35080614121	125HC8614-CTMPAA	1919
	150-1800			21080614131	150HC8614-CCMQAA	2038	35080614131	150HC8614-CTMQAA	2110
	20-1200			31080614101	20HC8614-CCMMAA	915	37080614101	20HC8614-CTMMAA	981
	25-1200			31080614111	25HC8614-CCMNAA	955	37080614111	25HC8614-CTMNAA	962
10 x 10 - 14	30-1200	3	Packing	31080614121	30HC8614-CCMPAA	985	37080614121	30HC8614-CTMPAA	995
	40-1200			31080614131	40HC8614-CCMQAA	1125	37080614131	40HC8614-CTMQAA	1277
	100-1800		Mechanical	20101014100	100HC101014-CCPMAA	1597	34101014100	100HC101014-CTPMAA	1706
	125-1800			20101014110	125HC101014-CCPNAA	1737	34101014110	125HC101014-CTPNAA	2164
	150-1800			20101014120	150HC101014-CCPPAA	2298	34101014120	150HC101014-CTPPAA	2370
	200-1800			20101014130	200HC101014-CCPQAA	2365	34101014130	200HC101014-CTPQAA	2565
	25-1200		Mechanical	30101014100	25HC101014-CCPMAA	1330	30101014100	25HC101014-CTPMAA	1374
	40-1200			30101014110	40HC101014-CCPNAA	1370	36101014110	40HC101014-CTPNAA	1637
10 x 10 - 14	50-1200		Packing	30101014120	50HC101014-CCPPAA	1410	36101014120	50HC101014-CTPPAA	1658
	60-1200			30101014130	60HC101014-CCPQAA	1630	36101014130	60HC101014-CTPQAA	1845
	100-1800			21101014101	100HC101014-CCMMAA	1597	35101014101	100HC101014-CTMMAA	1706
	125-1800			21101014111	125HC101014-CCMNAA	1737	35101014111	125HC101014-CTMNAA	2164
	150-1800		Mechanical	21101014121	150HC101014-CCMPAA	2298	35101014121	150HC101014-CTMPAA	2370
	200-1800			21101014131	200HC101014-CCMQAA	2365	35101014131	200HC101014-CTMQAA	2465
	25-1200			31101014101	25HC101014-CCPMAA	1330	37101014101	25HC101014-CTPMAA	1374
	40-1200			31101014111	40HC101014-CCPNAA	1370	37101014111	40HC101014-CTPNAA	1637
10 x 10 - 14	50-1200		Packing	31101014121	50HC101014-CCPPAA	1410	37101014121	50HC101014-CTPPAA	1658
	60-1200			31101014131	60HC101014-CCPQAA	1630	37101014131	60HC101014-CTPQAA	1845

CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



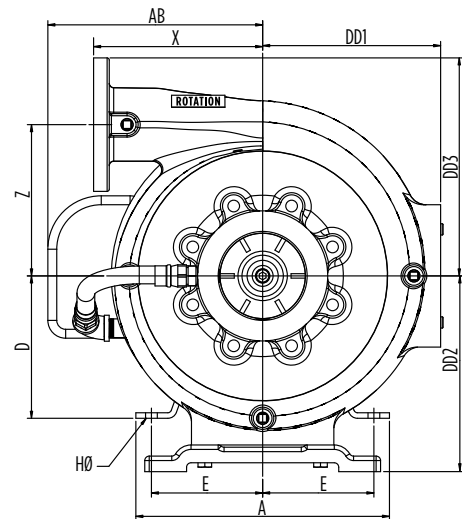
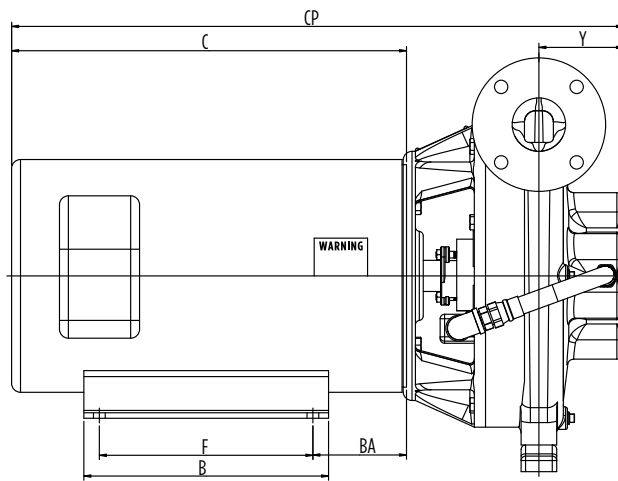
IMPELLER TRIM

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.

DIMENSIONS



Pump Size (Dis. x Suc. - Imp)	HP	Dimensions (in)															
		A	B	C	D	E	F	H	CP	X	Y	Z	DD1	DD2	DD3	AB	BA
3 x 5 - 14	20	11.25	11.25	18.31	6.25	5.00	10.00	0.53	30.56	9.50	4.75	8.50	10.00	11.00	12.25	8.66	4.75
	25	12.25	12.24	19.81	6.97	5.50	11.00	0.53	32.06	9.50	4.75	8.50	10.00	11.00	12.25	11.37	4.75
	30	12.25	12.24	21.31	6.97	5.50	11.00	0.53	33.56	9.50	4.75	8.50	10.00	11.00	12.25	11.37	4.75
	40	14.25	13.75	21.19	8.00	6.25	12.00	0.66	33.44	9.50	4.75	8.50	10.00	11.00	12.25	12.12	5.26
4 x 6 - 14	30	12.25	12.24	21.31	6.97	5.50	11.00	0.53	35.06	11.50	6.15	8.00	8.88	10.38	12.50	11.37	4.75
	40	14.25	13.75	21.19	8.00	6.25	12.00	0.66	34.94	11.50	6.15	8.00	8.88	10.38	12.50	12.12	5.26
	50	14.25	13.75	22.19	8.00	6.25	12.00	0.66	35.94	11.50	6.15	8.00	8.88	10.38	12.50	12.12	5.26
	60	15.75	14.00	22.31	9.00	7.00	12.25	0.66	36.06	11.50	6.15	8.00	8.88	10.38	12.50	13.20	5.88
6 x 6 - 14	40	14.25	13.75	20.69	7.96	6.25	12.00	0.70	34.50	10.50	5.19	9.50	12.00	12.50	15.00	12.21	5.25
	50	14.25	13.75	21.69	7.96	6.25	12.00	0.70	35.50	10.50	5.19	9.50	12.00	12.50	15.00	12.21	5.25
	60	15.75	14.00	22.31	9.00	7.00	12.25	0.66	36.12	10.50	5.19	9.50	12.00	12.50	15.00	13.50	5.88
	75	15.75	14.00	24.31	9.00	7.00	12.25	0.66	38.12	10.50	5.19	9.50	12.00	12.50	15.00	13.20	5.87
6 x 8 - 14	100	18.49	16.62	25.85	10.00	8.00	13.75	0.81	39.66	10.50	5.19	9.50	12.00	12.50	15.00	16.39	6.63
	20	12.25	12.24	22.69	7.00	5.50	11.00	0.53	37.22	9.56	6.37	11.00	13.37	13.50	16.50	11.37	4.75
	25	14.25	13.75	20.69	7.96	6.25	12.00	0.70	35.22	9.56	6.37	11.00	13.37	13.50	16.50	12.21	5.25
	30	14.25	13.75	21.69	7.96	6.25	12.00	0.70	36.22	9.56	6.37	11.00	13.37	13.50	16.50	12.21	5.25
10 x 10 - 14	40	15.75	14.00	22.31	9.00	7.00	12.25	0.66	36.84	9.56	6.37	11.00	13.37	13.50	16.50	13.20	5.88
	75	15.75	14.00	24.31	9.00	7.00	12.25	0.66	38.84	9.56	6.37	11.00	13.37	13.50	16.50	13.20	5.87
	100	18.49	16.62	25.85	10.00	8.00	13.75	0.81	40.38	9.56	6.37	11.00	13.37	13.50	16.50	16.39	6.63
	125	18.49	16.62	27.10	10.00	8.00	13.75	0.81	41.63	9.56	6.37	11.00	13.37	13.50	16.50	16.39	6.63
10 x 10 - 14	150	19.50	21.50	31.38	11.00	9.00	16.50	0.81	45.91	9.56	6.37	11.00	13.37	13.50	16.50	19.06	7.50
	25	14.25	13.75	20.69	7.96	6.25	12.00	0.70	43.76	12.00	14.38	12.00	16.25	15.00	20.00	12.21	5.25
	40	15.75	14.00	22.31	9.00	7.00	12.25	0.66	45.38	12.00	14.38	12.00	16.25	15.00	20.00	13.20	5.88
	50	15.75	14.00	24.31	9.00	7.00	12.25	0.66	47.38	12.00	14.38	12.00	16.25	15.00	20.00	13.20	5.88
	60	18.49	16.62	25.85	10.00	8.00	13.75	0.81	48.92	12.00	14.38	12.00	16.25	15.00	20.00	16.39	6.63
	100	18.49	16.62	25.85	10.00	8.00	13.75	0.81	48.92	12.00	14.38	12.00	16.25	15.00	20.00	16.39	6.63
	125	18.49	16.62	27.10	10.00	8.00	13.75	0.81	50.17	12.00	14.38	12.00	16.25	15.00	20.00	16.39	6.63
	150	19.50	21.50	31.38	11.00	9.00	16.50	0.81	54.45	12.00	14.38	12.00	16.25	15.00	20.00	19.06	7.50
10 x 10 - 14	200	19.50	21.50	31.38	11.00	9.00	16.50	0.81	54.45	12.00	14.38	12.00	16.25	15.00	20.00	19.25	7.50

NOTE: Dimensions are for estimating purposes only.

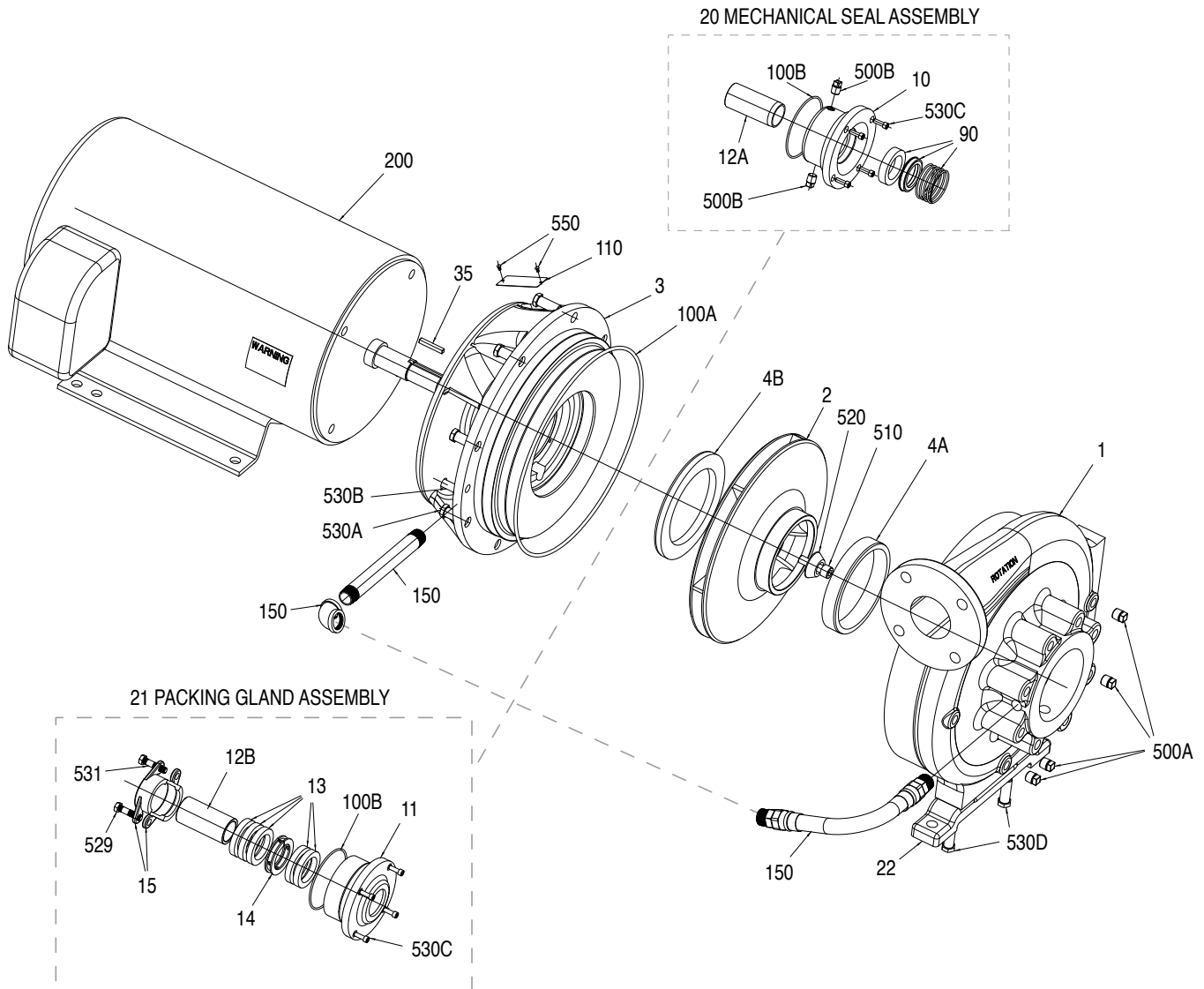
CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

3 X 5 - 14



CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

3 X 5 - 14

Fig.	Part Description	Part No.	Materials
1	Volute, Case	305411913	ASTM 536 Ductile Iron
2	Impeller (14 diameter, 1-1/4" bore)	305410966	ASTM 536 Ductile Iron
3	Bracket	See Table 1	ASTM 536 Ductile Iron
4A	Wear Ring	305417907	SAE 660 Bronze
4B	Wear Ring	305417919	SAE 660 Bronze
10	Seal Box	305415924	ASTM 536 Ductile Iron
11	Stuffing Box	305415921	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415919	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415910	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	305415907	Various
21	Packing Gland Assembly	305415902	Various
22	Foot	305411921	Ductile Iron
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418928	Nitrile
100B	O-ring, Stuffing/Seal Box	305418921	Nitrile
110	Nameplate	305418901	Stainless Steel
150	Balance Line Assembly	305416901	CAD-Plated 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)	305418929	CAD-Plated Steel
510	Screw, Impeller (1/2-13x1.25)	305418904	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 (3/8-16x1.00) (10 pack)	305418913	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13x1.25) (4 pack) 8.5AK	305418916	CAD-Plated Steel
530B	Capscrew, Hex (1/2-13x1.50) (4 pack) 12.5AK	305418918	CAD-Plated Steel
530C	Capscrew, Hex (1/4-20x0.75) (4 pack)	305418912	CAD-Plated Steel
530D	Capscrew, Hex (5/8-11x1.75) (2 pack)	305418919	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

BRACKETS

3 X 5 - 14

HP	RPM	Bracket	Part No.
20	1800	8.5AK	305412904
25-40		12.5AK	305412908

SEAL KITS

3 X 5 - 14

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464100
Packing	12B, 13, 14, 100A, 100B	305464101

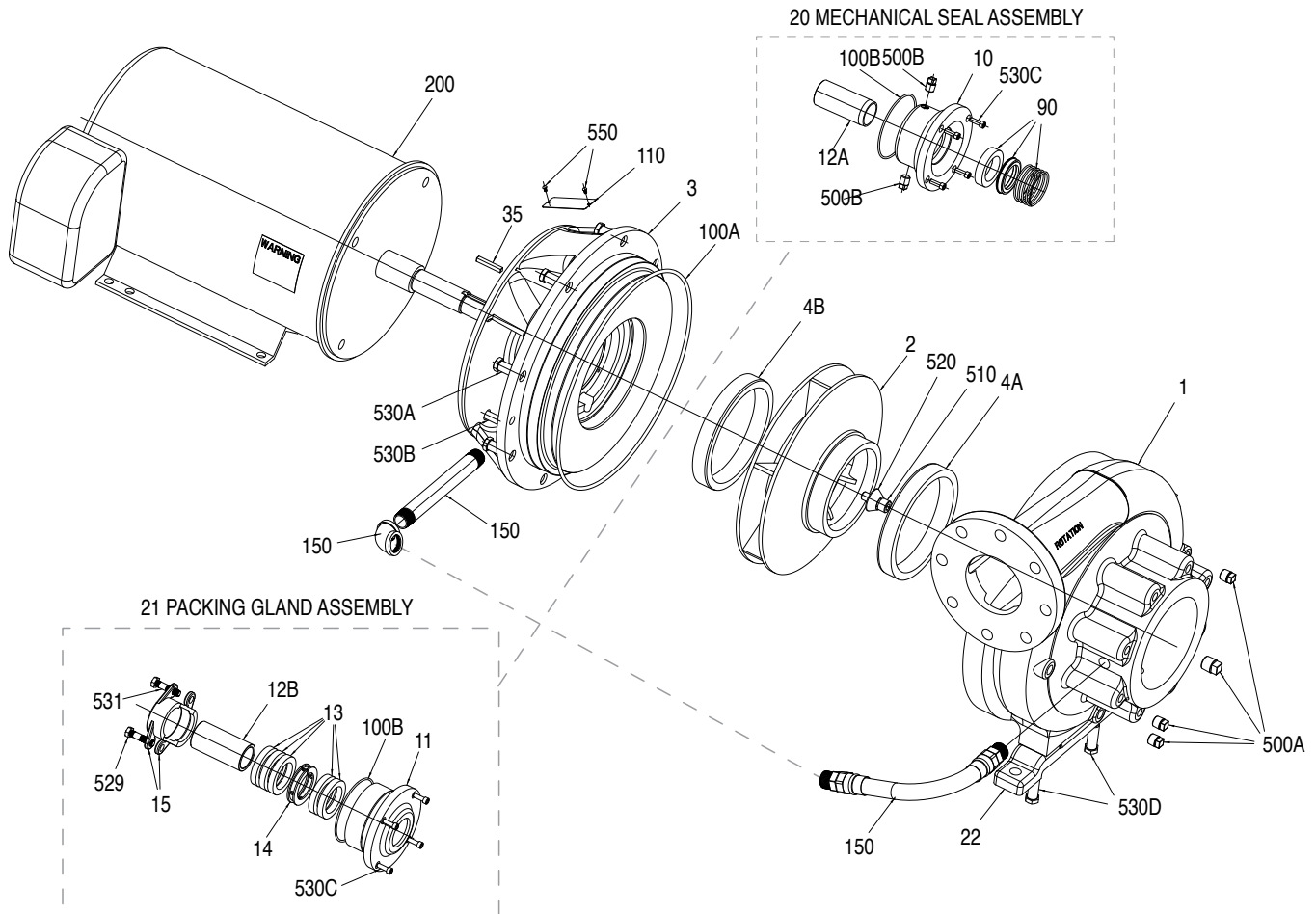
CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

4 X 6 - 14L



CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

4 X 6 - 14L

Fig.	Part Description	Part No.	Materials
1	Volute, Case	305411914	ASTM 536 Ductile Iron
2	Impeller (13 diameter, 1-1/4" bore)	305410970	ASTM 536 Ductile Iron
3	Bracket	305412908	ASTM 536 Ductile Iron
4A	Wear Ring	305417910	SAE 660 Bronze
4B	Wear Ring	305417910	SAE 660 Bronze
10	Seal Box	305415924	ASTM 536 Ductile Iron
11	Stuffing Box	305415921	ASTM 536 Ductile Iron
12A	Shaft Sleeve - Mechanical	305415919	SAE 660 Bronze
12B	Shaft Sleeve - Packing	305415910	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	305415907	Various
21	Packing Gland Assembly	305415902	Various
22	Foot	305411921	Ductile Iron
35	Key, Shaft	305418906	300 Series Stainless Steel
90	Mechanical Seal	305415904	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418928	Nitrile
100B	O-ring, Stuffing/Seal Box	305418921	Nitrile
110	Nameplate	305418901	Stainless Steel
150	Balance Line Assembly	305416902	CAD-Plated 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)	305418929	CAD-Plated Steel
510	Screw, Impeller (1/2-13x1.25)	305418904	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 (5/8-11x1.50) (10 pack)	305418918	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11x1.50) (4 pack)	305418918	CAD-Plated Steel
530C	Capscrew, Hex (1/4-20x0.75) (4 pack)	305418912	CAD-Plated Steel
530D	Capscrew, Hex (5/8-11x1.75) (2 pack)	305418919	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 - 14L

Type	Included Part No.	Part No.
Mechanical	12A, 90, 100A, 100B	305464100
Packing	12B, 13, 14, 100A, 100B	305464101

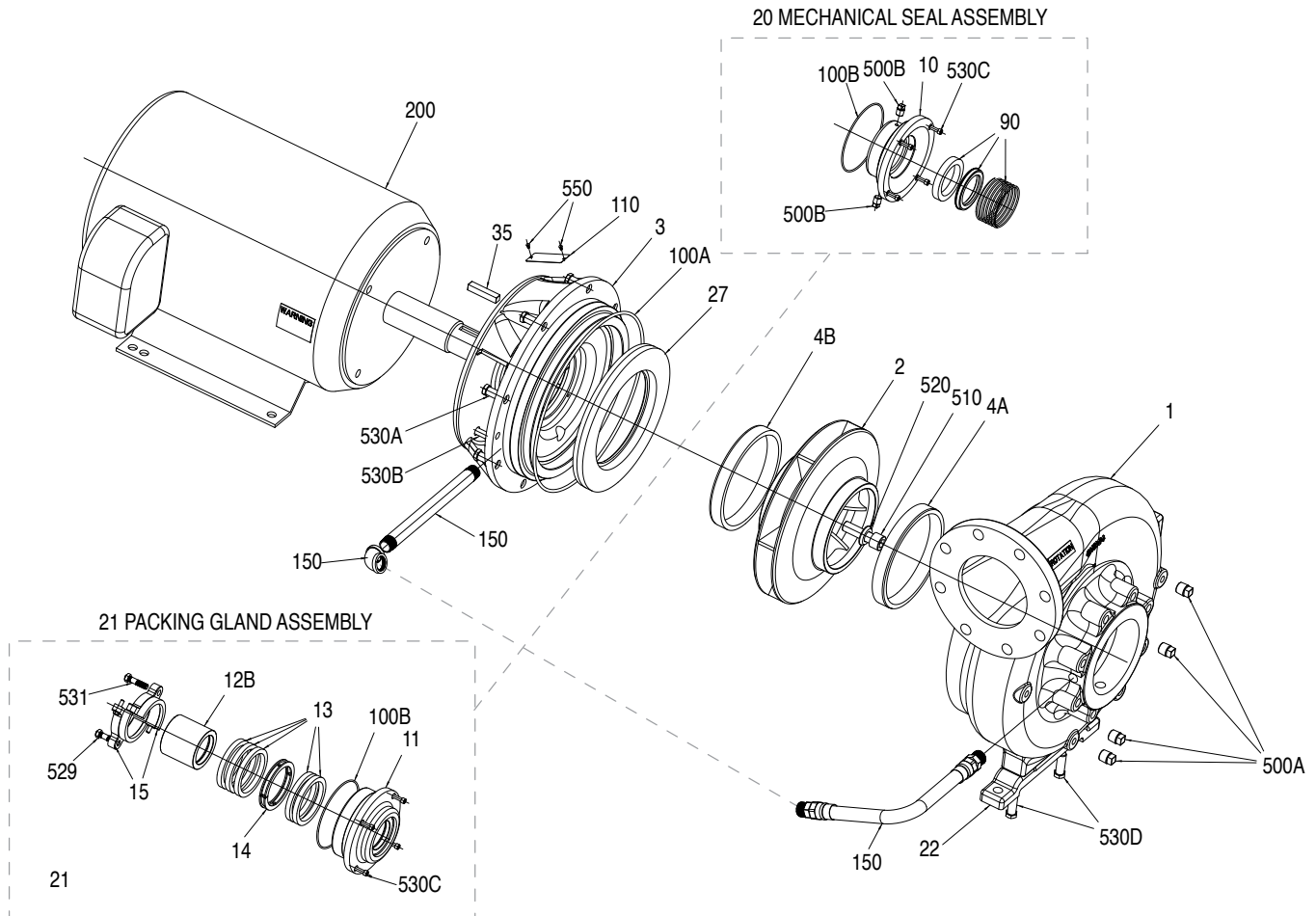
CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

6 X 6 - 14



CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

6 X 6 - 14

Fig.	Part Description	Part No.	Materials
1	Volute, Case	305411915	ASTM 536 Ductile Iron
2	Impeller (14 diameter, 1-1/4" bore)	305410984	ASTM 536 Ductile Iron
3	Bracket	305412909	ASTM 536 Ductile Iron
4A	Wear Ring	305417911	SAE 660 Bronze
4B	Wear Ring	305417911	SAE 660 Bronze
10	Seal Box	305415925	ASTM 536 Ductile Iron
11	Stuffing Box	305415922	ASTM 536 Ductile Iron
12B	Shaft Sleeve - Packing	305415911	SAE 660 Bronze
13	Packing Rings (set of 5)	305415915	Graphite Yarn with PTFE
14	Lantern Ring	305415913	PTFE
15	Packing Gland (set of 2)	305415917	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415908	Various
21	Packing Gland Assembly	305415903	Various
22	Foot	305411921	Ductile Iron
27	Brackplate Filler	305412911	Steel
35	Key, Shaft	305418907	300 Series Stainless Steel
90	Mechanical Seal	305415905	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418928	Nitrile
100B	O-ring, Stuffing/Seal Box	305418922	Nitrile
110	Nameplate	305418901	Stainless Steel
150	Balance Line Assembly	305416903	CAD-Plated Steel
200	See Motor Section		
500A	Pipe Plug, (1/2 NPT) (4 pack)	305418931	CAD-Plated Steel
500B	Pipe Plug, (1/4 NPT) (2 pack)	305418929	CAD-Plated Steel
510	Screw, Impeller (1/2-13x1.25)	305418905	Stainless Steel
520	Washer, Impeller	305419906	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (5/8-11x1.50) (10 pack)	305418918	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11x1.50) (4 pack)	305418918	CAD-Plated Steel
530C	Capscrew, Hex (1/4-20x0.75) (4 pack)	305418912	CAD-Plated Steel
530D	Capscrew, Hex (5/8-11x1.75) (2 pack)	305418919	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

SEAL KITS

6 X 6 - 14

Type	Included Part No.	Part No.
Mechanical	90, 100A, 100B	305464102
Packing	12B, 13, 14, 100A, 100B	305464103

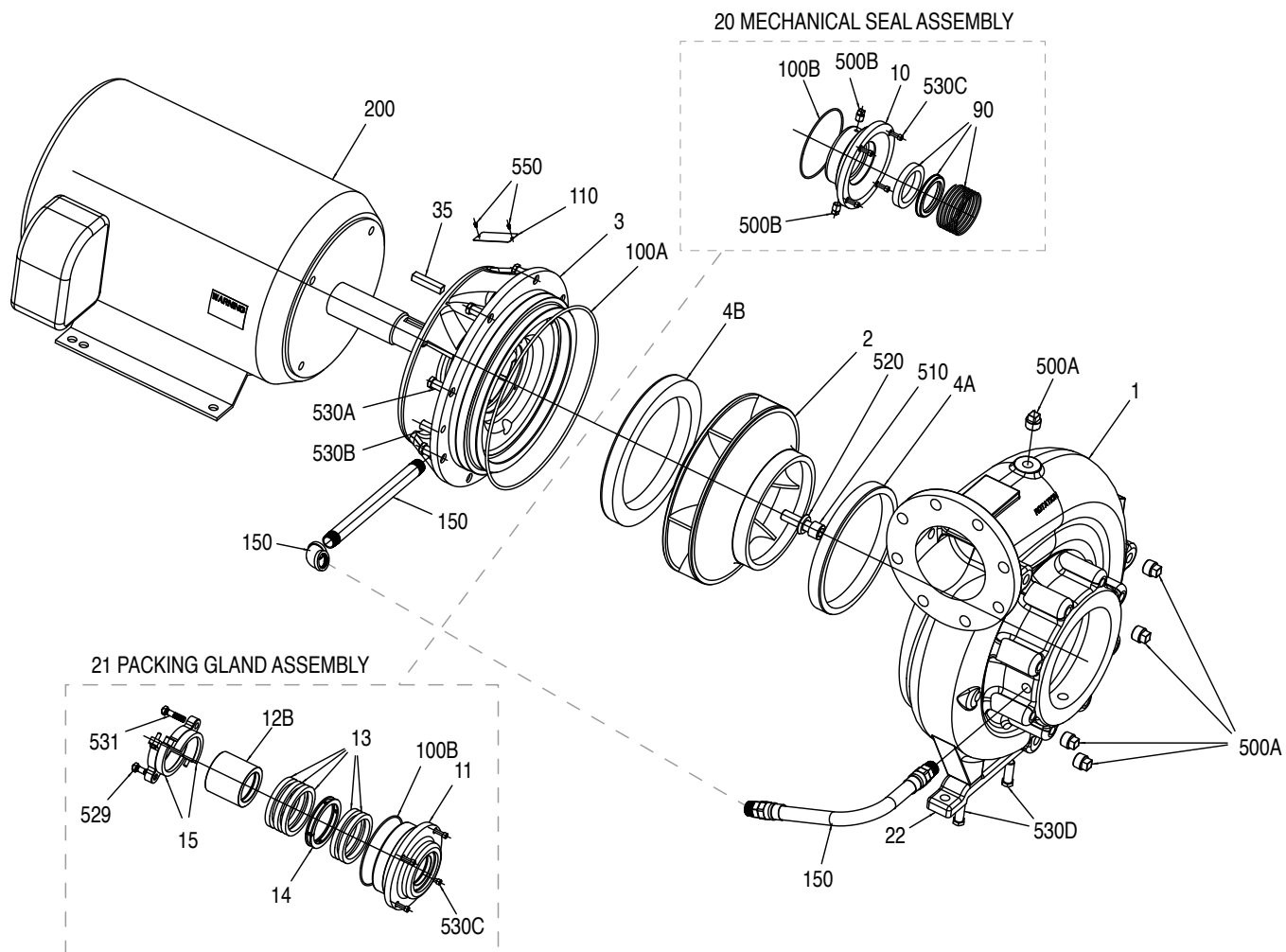
CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

6 X 8 - 14



CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

6 X 8 - 14

Fig.	Part Description	Part No.	Materials
1	Volute, Case	305411916	ASTM 536 Ductile Iron
2	Impeller (14 diameter, 1-1/4" bore)	305410978	ASTM 536 Ductile Iron
3	Bracket	See Table 1	ASTM 536 Ductile Iron
4A	Wear Ring	305417914	SAE 660 Bronze
4B	Wear Ring	305417922	SAE 660 Bronze
10	Seal Box	305415925	ASTM 536 Ductile Iron
11	Stuffing Box	305415922	ASTM 536 Ductile Iron
12B	Shaft Sleeve	305415911	SAE 660 Bronze
13	Packing Rings (set of 5)	305415915	Graphite Yarn with PTFE
14	Lantern Ring	305415913	PTFE
15	Packing Gland (set of 2)	305415917	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415908	Various
21	Packing Gland Assembly	305415903	Various
22	Foot	305411921	Ductile Iron
35	Key, Shaft	305418907	300 Series Stainless Steel
90	Mechanical Seal	305415905	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418928	Nitrile
100B	O-ring, Stuffing/Seal Box	305418922	Nitrile
110	Nameplate	305418901	Stainless Steel
150	Balance Line Assembly	305416903	Stainless Steel
200	See Motor Section		
500A	Pipe Plug, (3/4 NPT) (4 pack)	305418932	CAD-Plated Steel
500B	Pipe Plug, (1/4 NPT) (2 pack)	305418929	CAD-Plated Steel
510	Screw, Impeller (1/2-13x1.25)	305418905	Stainless Steel
520	Washer, Impeller	305419906	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (5/8-11x1.50) (10 pack)	305418918	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11x1.50) (4 pack)	305418918	CAD-Plated Steel
530C	Capscrew, Hex (1/4-20x0.75) (4 pack)	305418912	CAD-Plated Steel
530D	Capscrew, Hex (5/8-11x1.75) (2 pack)	305418919	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 - 14

HP	RPM	Bracket	Part No.
20-40	1800	8.5AK	305412904
75-125		12.5AK	305412908
150		16AK	305412908

SEAL KITS

6 X 8 - 14

Type	Included Part No.	Part No.
Mechanical	90, 100A, 100B	305464104
Packing	12B, 13, 14, 100A, 100B	305464105

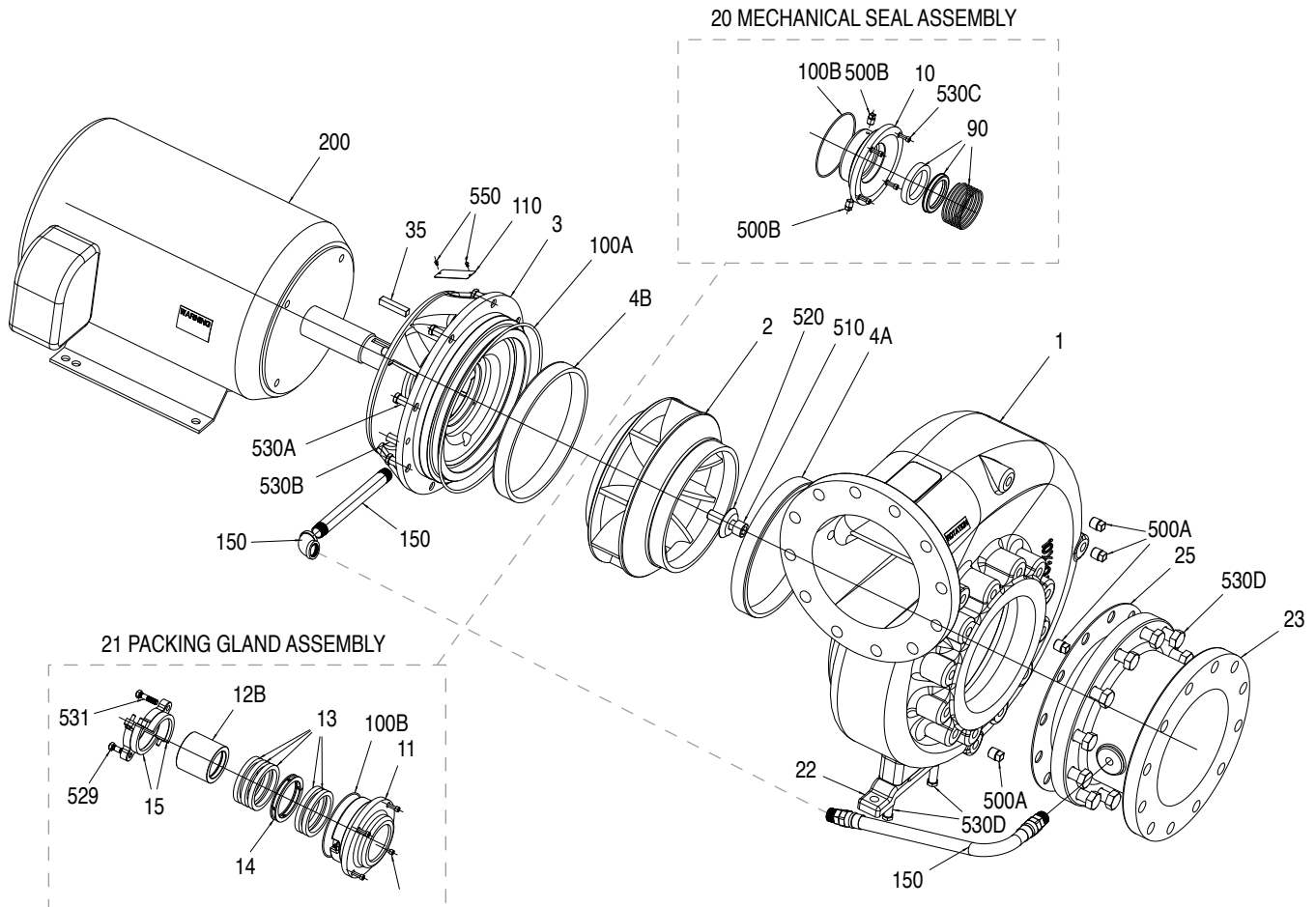
CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

10 X 10 - 14



CENTRIFUGAL PUMPS

CLOSE-COUPLED 14"



EXPLODED PARTS AND MATERIALS

10 X 10 - 14

Fig.	Part Description	Part No.	Materials
1	Volute, Case	305411917	ASTM 536 Ductile Iron
2	Impeller (14 diameter, 1-1/4" bore)	305410982	ASTM 536 Ductile Iron
3	Bracket	See Table 2	ASTM 536 Ductile Iron
4A	Wear Ring	305417915	SAE 660 Bronze
4B	Wear Ring	305417915	SAE 660 Bronze
10	Seal Box	305415925	ASTM 536 Ductile Iron
11	Stuffing Box	305415922	ASTM 536 Ductile Iron
12B	Shaft Sleeve	305415911	SAE 660 Bronze
13	Packing Rings (set of 5)	305415915	Graphite Yarn with PTFE
14	Lantern Ring	305415913	PTFE
15	Packing Gland (set of 2)	305415917	300 Series Stainless Steel
20	Mechanical Seal Assembly	305415908	Various
21	Packing Gland Assembly	305415903	Various
22	Foot	305411921	Ductile Iron
23	Suction Spool	305411920	Ductile Iron
25	Gasket Suction Spool	305418911	Ductile Iron
35	Key, Shaft	305418907	300 Series Stainless Steel
90	Mechanical Seal	305415905	SiC/SiC/FKM x Stainless Steel
100A	O-ring, Volute	305418928	Nitrile
100B	O-ring, Stuffing/Seal Box	305418922	Nitrile
110	Nameplate	305418901	Stainless Steel
150	Balance Line Assembly	305416904	CAD-Plated Steel
200	See Motor Section		
500A	Pipe Plug, (3/4 NPT) (4 pack)	305418932	CAD-Plated Steel
500B	Pipe Plug, (1/4 NPT) (2 pack)	305418929	CAD-Plated Steel
510	Screw, Impeller (1/2-13x1.25)	305418905	Stainless Steel
520	Washer, Impeller	305419907	300 Series Stainless Steel
529	Nut, Hex (3/8-16 JAM) (2 pack)	305418908	CAD-Plated Steel
530A	Capscrew, Hex (5/8-11x1.50) (10 pack)	305418918	CAD-Plated Steel
530B	Capscrew, Hex (5/8-11x1.50) (4 pack)	305418918	CAD-Plated Steel
530C	Capscrew, Hex (1/4-20x0.75) (4 pack)	305418912	CAD-Plated Steel
530D	Capscrew, Hex (5/8-11x1.75) (2 pack)	305418919	CAD-Plated Steel
530E	Capscrew, Hex (7/8-9x2.25) (12 pack)	305418920	CAD-Plated Steel
531	Stud, Threaded (2 pack)	305418909	CAD-Plated Steel
550	Screws, Drive (set of 2)	305418910	Stainless Steel

BRACKETS

10 X 10 - 14

HP	RPM	Bracket	Part No.
20-40	1200	8.5AK	305412909
75-125	1800	12.5AK	305412909
150-200	1800	16AK	305412910

SEAL KITS

10 X 10 - 14

Type	Included Part No.	Part No.
Mechanical	90, 100A, 100B	305464104
Packing	12B, 13, 14, 100A, 100B	305464105

NOTES

CLOSE-COUPLED 14"



NOTES

CLOSE-COUPLED 14"





Franklin Electric