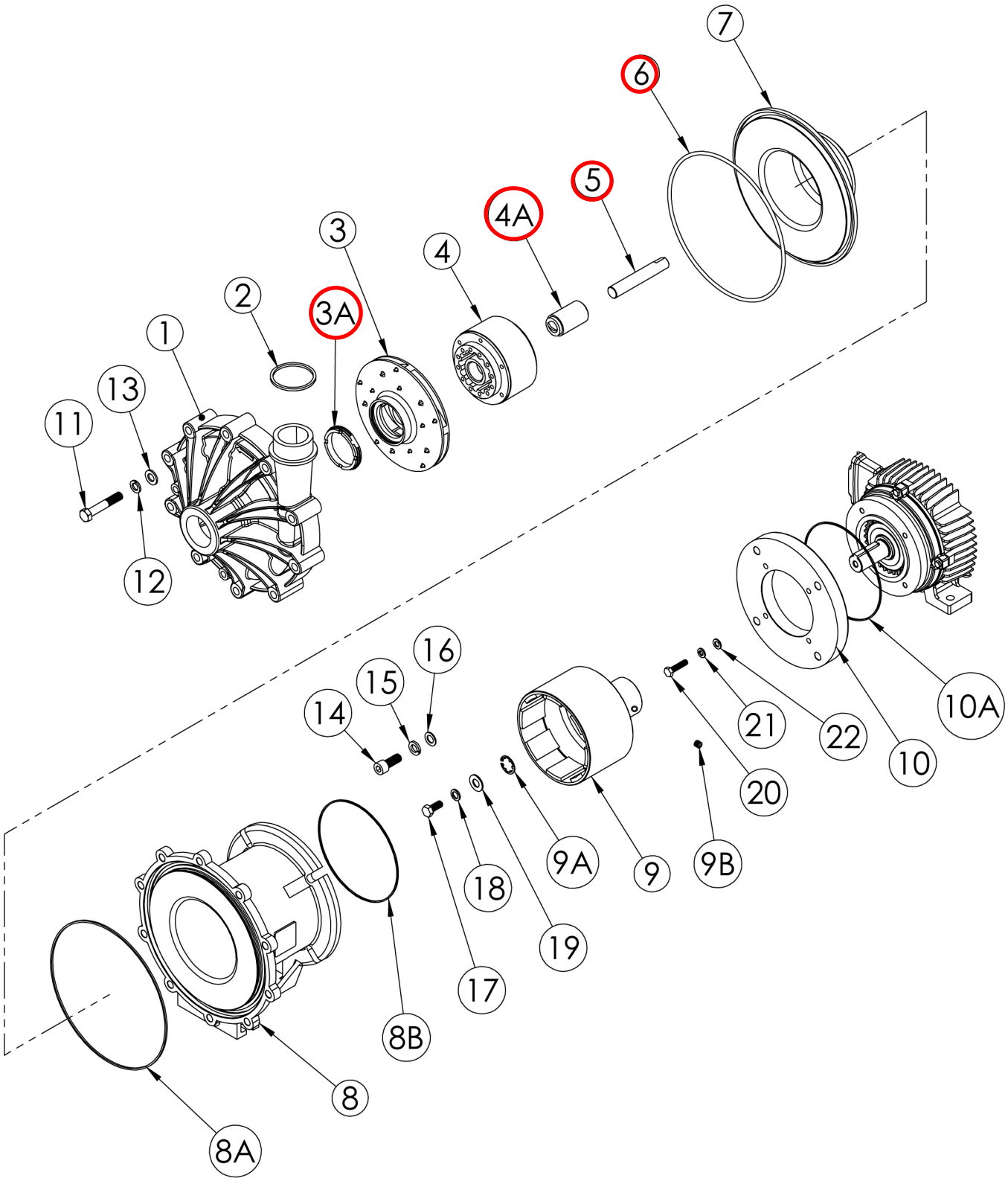
TDB22


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TDB22 Spare Parts List

Item	Qty	Description	Pump Material	
			Polypropylene	PVDF
1	1	**Housing**		
		NPT threads & ceramic ring	106403	106403-1
		BSP threads & ceramic ring	106403-2	106403-3
		FRP flanges 2"x2" & ceramic ring - ANSI150/PN20/40/JIS10K	106478	106478-1
		FRP flanges 3"x2" & ceramic ring - ANSI150/PN20/40/JIS10K	107115	107115-1
		Steel flanges 2"x2" & ceramic ring - ANSI150/PN20/40/JIS10K	106478-2	106478-3
		Unions & ceramic ring	106481	106481-1
		NPT threads & SiC ring (optional)	106471	106471-1
		BSP threads & SiC ring (optional)	106471-2	106471-3
		FRP flanges 2"x2" & SiC ring (optional) - ANSI150/PN20/40/JIS10K	106748	106748-1
		FRP flanges 3"x2" & SiC ring (optional) - ANSI150/PN20/40/JIS10K	108033	108033-1
		Steel flanges 2"x2" & SiC ring (optional) - ANSI150/PN20/40/JIS10K	106748-2	106748-3
		Unions & SiC Ring (optional)	106755	106755-1
2	1	**Discharge O-ring (BSP housings only)**		
		EPDM	105084	
		FKM	105083	
		Simriz	106948	
		Kalrez	106947	
3	1	**Impeller Assembly with Thrust Ring**		
			See DB22 Impeller Assemblies Table	
3A	1	**Impeller Thrust Ring Only**		
		Closed impeller - Fluorosint	J103899	
		Closed impeller - SiC (optional)	J104170	
		Open impeller - Fluorosint	J101460	
		Open impeller - SiC (optional)	J101460-1	
4	1	**Impeller Drive Assembly**		
		w/ carbon bushing (standard)	106476	106476-1
		w/ PTFE bushing (optional)	106476-2	106476-3
		w/ SiC bushing (optional)	106476-4	106476-5
4A	1	**Impeller Bushing Only**		
		Carbon (standard)	J103917-1	
		Filled PTFE (optional)	106757	
		SiC (optional)	106757-1	
5	1	**Impeller Shaft**		
		Ceramic (standard)	106450	
		SiC (optional)	106450-1	
		Hastelloy C (optional)	106450-2	
6	1	**Housing O-ring**		
		FKM (standard)	106764	
		EPDM (optional)	106765	
		Simriz (optional)	106767	
		Kalrez (optional)	106766	
7	1	**Barrier**		
			106400	106400-1
8	1	**Motor Adapter**		
		Standard	106414-1	106414-2
		ATEX	106794	106794-1
8A	1	**Front Motor Adapter O-Ring**		
		Buna	106844	
		EPDM	106845	
		FKM	106846	

Item	Qty	Description	Pump Material	
			Polypropylene	PVDF
8B	1	Rear Motor Adapter O-Ring (NEMA motors only)		
		Buna	106847	
		EPDM	106848	
		FKM	106849	
9	1	Outer Drive Magnet Assembly with Retaining Ring		
		182/184TC frame (includes set screws)	106453	
		143/145TC frame(includes set screws)	106457-3	
		213/215TC frame (includes set screws)	106453-1	
		90 frame	106457	
		100/112 frame	106457-1	
		132 frame	106457-2	
9A	1	Retaining Ring Only		
		182/184TC frame	105710	
		143/145TC frame	105709	
		213/215TC frame	106454	
		90 frame	105712	
		100/112 frame	105710	
		132 frame	106468	
9B	2	Set Screws		
		NEMA motor only	J101084	
10	1	Motor Adapter Flange		
		213/215TC frame	106775	106775-1
		90 B14 frame	106781	106781-1
		90 B5 frame	106780	106780-1
		100/112 B14 and 143/145TC frame	106777	106777-1
		100/112 B5 frame	106776	106776-1
		132 B14 frame	106779	106779-1
		132 B5 frame	106778	106778-1
10A	1	Motor Adapter Flange O-Ring (NEMA 213/215 Frame Motors Only)		
		Buna	108165	
		EPDM	108166	
		FKM	108167	

Hardware- All TDB22 Models				
Item	**Qty**	**Description**	**Stainless Steel (std.)**	**Titanium**
11	10	**Housing Bolt**		
			106501	106502
12	10	**Housing Lock Washer**		
			106503	106504
13	10	**Housing Flat Washer**		
			106505	106506
14	4	**Motor Adapter Bolt**		
		All frame sizes except 213/215TC	106495	106498
		213/215TC	106511	106512
15	4	**Motor Adapter Lock Washer**		
			J101023	105762
16	4	**Motor Adapter Flat Washer**		
			106497	106500
17	1	**Drive Bolt (IEC Only)**		
		90 frame	J103662	N/A**
		100/112 frame	105774	N/A**
		132 frame	106717	N/A**
18	1	**Drive Lock Washer (IEC Only)**		
		90 frame	J102282	N/A**
		100/112 frame	105757	N/A**
		132 frame	N/A	N/A
19	1	**Drive Flat Washer (IEC Only)**		
		90 frame	210294	N/A**
		100/112 frame	211569	N/A**
		132 frame	211648	N/A**
20*	4	**Motor Adapter Flange Bolt (for IEC with B14 flange and 143/145TC Frames Only)**		
		90 frame	108029	106513
		100/112 frame	105589	106514
		132 frame	105774	105775
		143/145TC frame	J101000	107740
21*	4	**Motor Adapter Lock Washer (for IEC with B14 flange only)**		
		90 frame	J102282	J103847
		100/112 frame	J102282	J103847
		132 frame	105757	105758
22*	4	**Motor Adapter Flat Washer (for IEC with B14 flange only)**		
		90 frame	J101293	J103845
		100/112 frame	J101293	J103845
		132 frame	N/A	N/A

*Customer must supply motor adapter flange bolt, lock washer and flat washer for IEC frame pumps with B5 flanges.

**Alternative Titanium material not offered.

TDB22 Impeller Assemblies

Style

Thrust Ring	Impeller Material	#1	#1A	#2	#2A	#2B	#2C	#3	#3A	#3B	#3C	4	#4A
		7.25"	7.13"	7.00"	6.88"	6.75"	6.63"	6.50"	6.38"	6.25"	6.13"	6.00"	5.88"
PTFE	Polypro	106472	106472-14	106472-2	106472-16	106472-18	106472-20	106472-4	106472-22	106472-24	106472-26	106472-6	106472-28
	PVDF	106472-1	106472-15	106472-3	106472-17	106472-19	106472-21	106472-5	106472-23	106472-25	106472-27	106472-7	106472-29
SiC	Polypro	106473	106473-14	106473-2	106473-16	106473-18	106473-20	106473-4	106473-22	106473-24	106473-26	106473-6	106473-28
	PVDF	106473-1	106473-15	106473-3	106473-17	106473-19	106473-21	106473-5	106473-23	106473-25	106473-27	106473-7	106473-29

Thrust Ring	Impeller Material	#4B	#4C	#5	#5A	#5B	#5C	6	#6A	#6B	#6C	7
		5.75"	5.63"	5.50"	5.38"	5.25"	5.13"	5.00"	4.88"	4.75"	4.63"	4.50"
PTFE	Polypro	106472-30	106472-32	106472-8	106472-34	106472-36	106472-38	106472-10	106472-40	106472-42	106472-44	106472-12
	PVDF	106472-31	106472-33	106472-9	106472-35	106472-37	106472-39	106472-11	106472-41	106472-43	106472-45	106472-13
SiC	Polypro	106473-30	106473-32	106473-8	106473-34	106473-36	106473-38	106473-10	106473-40	106473-42	106473-44	106473-12
	PVDF	106473-31	106473-33	106473-9	106473-35	106473-37	106473-39	106473-11	106473-41	106473-43	106473-45	106473-13

Open Style

Thrust Ring	Impeller Material	#8	#8A	#8B	#8C	#9	#9A	#9B	#9C	#10	#10A	#10B	#10C
		6.00"	5.88"	5.75"	5.63"	5.50"	5.38"	5.25"	5.13"	5.00"	4.88"	4.75"	4.63"
PTFE	Polypro	106469-6	106469-26	106469-28	106469-30	106469-8	106469-32	106469-34	106469-36	106469-10	106469-38	106469-40	106469-42
	PVDF	106469-7	106469-27	106469-29	106469-31	106469-9	106469-33	106469-35	106469-37	106469-11	106469-39	106469-41	106469-43
SiC	Polypro	106470-6	106470-26	106470-28	106470-30	106470-8	106470-32	106470-34	106470-36	106470-10	106470-38	106470-40	106470-42
	PVDF	106470-7	106470-27	106470-29	106470-31	106470-9	106470-33	106470-35	106470-37	106470-11	106470-39	106470-41	106470-43

Thrust Ring	Impeller Material	#11	#12	#13	#13A	#13B	#13C	#14	#14A	#14B	#14C	#15	#15A
		4.50"	7.13"	7.00"	6.88"	6.75"	6.63"	6.50"	6.38"	6.25"	6.13"	6.00"	5.88"
PTFE	Polypro	106469-12	106469	106469-2	106469-14	106469-16	106469-18	106469-4	106469-20	106469-22	106469-24	106469-6	106469-26
	PVDF	106469-13	106469-1	106469-3	106469-15	106469-17	106469-19	106469-5	106469-21	106469-23	106469-25	106469-7	106469-27
SiC	Polypro	106470-12	106470	106470-2	106470-14	106470-16	106470-18	106470-4	106470-20	106470-22	106470-24	106470-6	106470-26
	PVDF	106470-13	106470-1	106470-3	106470-15	106470-17	106470-19	106470-5	106470-21	106470-23	106470-25	106470-7	106470-27

Thrust Ring	Impeller Material	#15B	#15C	#16
		5.75"	5.63"	5.50"
PTFE	Polypro	106469-28	106469-30	106469-8
	PVDF	106469-29	106469-31	106469-9
SiC	Polypro	106470-28	106470-30	106470-8
	PVDF	106470-29	106470-31	106470-9