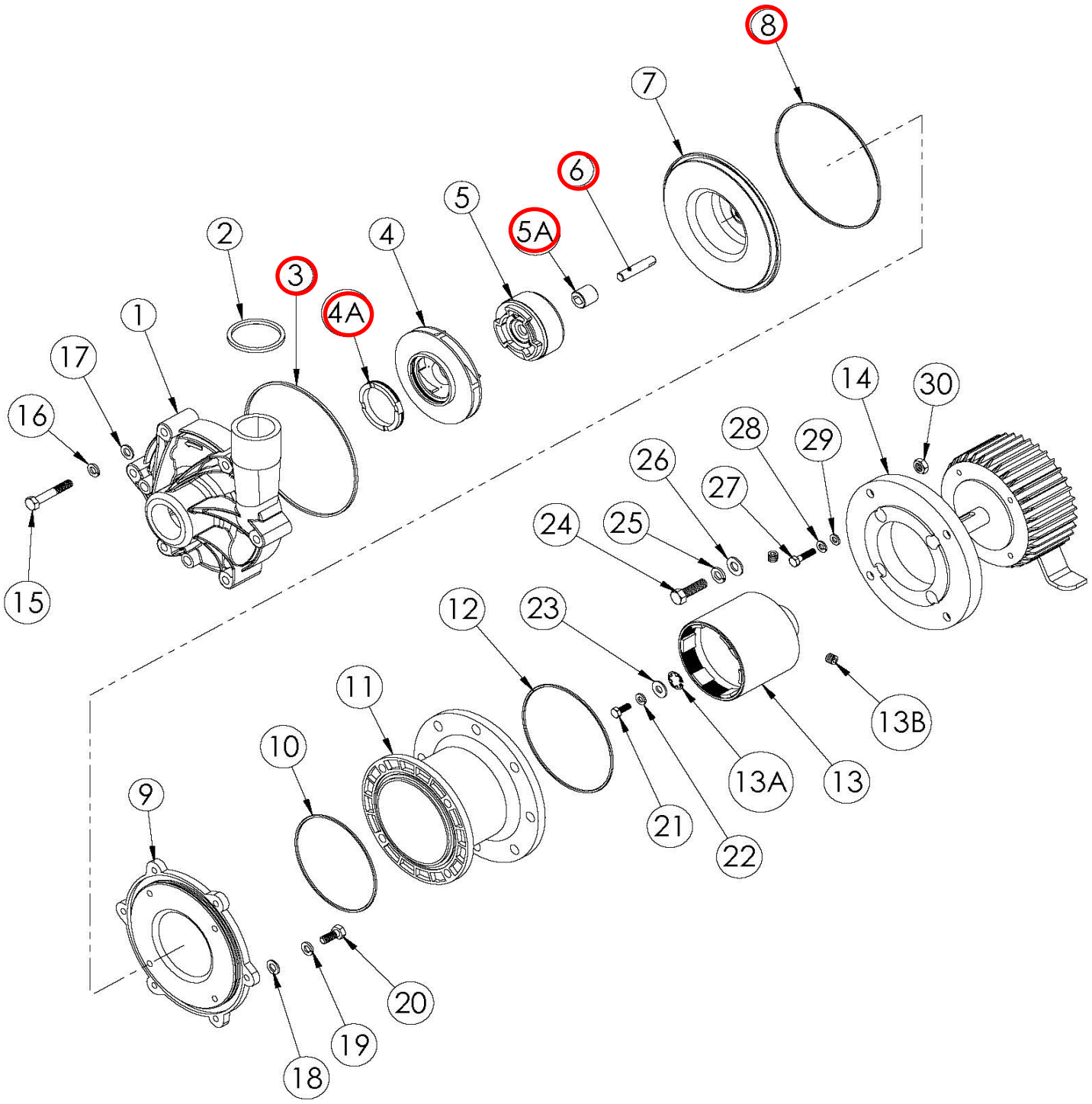
TDB 6 - 10


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TDB 6 - 10

Item	Qty	Description	TDB6/6H/9		TDB8		TDB7/10	
			Pump Material		Pump Material		Pump Material	
			Polypro	PVDF	Polypro	PVDF	Polypro	PVDF
1	1	**Housing w/ Ring**						
		NPT threads & standard ceramic ring	106265	106265-1	106337	106337-1	106252	106252-1
		BSP threads & standard ceramic ring	106265-2	106265-3	106337-2	106337-3	106252-2	106252-3
		FRP ANSI 150/PN20/40 flanges & standard ceramic ring	106369	106369-1	106384	106384-1	106365	106365-1
		FRP JIS 10K flanges & standard ceramic ring	106369-4	106369-5	106384-4	106384-5	106365	106365-1
		Steel ANSI 150/PN20/40 flanges & standard ceramic ring	106369-2	106369-3	106384-2	106384-3	106365-2	106365-3
		Unions & standard ceramic ring	106377	106377-1	106382	106382-1	106367	106367-1
		NPT threads & optional SiC ring	106346	106346-1	106381	106381-1	106345	106345-1
		BSP threads & optional SiC ring	106346-2	106346-3	106381-2	106381-3	106345-2	106345-3
		FRP ANSI 150/PN20/40 flanges & optional SiC ring	106370	106370-1	106385	106385-1	106366	106366-1
		FRP JIS 10K flanges & optional SiC ring	106370-4	106370-5	106385-4	106385-5	106366	106366-1
		Steel ANSI 150/pn20/40 flanges & optional SiC ring	106370-2	106370-3	106385-2	106385-3	106366-2	106366-3
		Unions & optional SiC ring	106378	106378-1	106383	106383-1	106368	106368-1
2	1	**Discharge O-ring (BSP housings only)**						
		FKM	106303				105919	
		EPDM	106304				105918	
		Simriz	106306				105921	
		Kalrez	106305				105920	
3	1	**Housing O-ring**						
		FKM - standard	106298					
		EPDM - optional	106299					
		Simriz - optional	106301					
		Kalrez - optional	106300					
4	1	**Impeller**						
		See DB6-10 Impeller Assemblies Table on back page						
4A	1	**Impeller Thrust Ring Only**						
		Filled PTFE (standard)	106257					
		SiC (optional)	106257-1					
5	1	**Impeller Drive Assembly**						
		6-pole w/ carbon bushing	106361	106361-3	106361	106361-3	106361	106361-3
		8-pole w/ carbon bushing	106361-1	106361-4	106361-1	106361-4	106361-1	106361-4
		10-pole w/ carbon bushing	106361-2	106361-5	106361-2	106361-5	106361-2	106361-5
		6-pole w/ PTFE bushing	106362	106362-3	106362	106362-3	106362	106362-3
		8-pole w/ PTFE bushing	106362-1	106362-4	106362-1	106362-4	106362-1	106362-4
		10-pole w/ PTFE bushing	106362-2	106362-5	106362-2	106362-5	106362-2	106362-5
		6-pole w/ ceramic bushing	106363	106363-3	106363	106363-3	106363	106363-3
		8-pole w/ ceramic bushing	106363-1	106363-4	106363-1	106363-4	106363-1	106363-4
		10-pole w/ ceramic bushing	106363-2	106363-5	106363-2	106363-5	106363-2	106363-5
		6-pole w/ SiC bushing	106364	106364-3	106364	106364-3	106364	106364-3
		8-pole w/ SiC bushing	106364-1	106364-4	106364-1	106364-4	106364-1	106364-4
		10-pole w/ SiC bushing	106364-2	106364-5	106364-2	106364-5	106364-2	106364-5
5A	1	**Impeller Bushing Only**						
		Carbon (standard)	J102387					
		Filled PTFE (optional)	J102790					
		Ceramic (optional)	J103617					
		SiC (optional)	J103617-1					
6	1	**Impeller Shaft**						
		Ceramic (standard)	106293					
		SiC (optional)	106293-1					
		Hastelloy C (optional)	106293-2					
7	1	**Barrier**						
		With silicon carbide thrust washer	106235-4	106235-5	106235-4	106235-5	106235-4	106235-5
8	1	**Barrier O-Ring**						
		Buna N (Standard)	106572					
		EPDM	106550					
		FKM	106551					

Item	Qty	Description	TDB6/6H/9		TDB8		TDB7/10	
			Pump Material		Pump Material		Pump Material	
			Polypro	PVDF	Polypro	PVDF	Polypro	PVDF
9	1	**Clamp Ring**						
		Painted cast iron (Standard)	106246	106246-1	106246	106246-1	106246	106246-1
		Painted cast iron with non-sparking ring	106521	106521-1	106521	106521-1	106521	106521-1
		Painted cast iron (ATEX)	N/A	106521-1	N/A	106521-1	N/A	106521-1
		Stainless steel	108599	108599	108599	108599	108599	108599
		Stainless steel with non-sparking ring	108599-1	108599-1	108599-1	108599-1	108599-1	108599-1
		Stainless steel (ATEX)	N/A	108599-1	N/A	108599-1	N/A	108599-1
10	1	**Clamp Ring O-Ring**						
		Buna N (Standard)	106548					
		EPDM	106372					
		FKM	J103954					
11	1	**Motor Adapter Column**						
		Standard	106248	106248-1	106248	106248-1	106248	106248-1
		ATEX	N/A	106248-2	N/A	106248-2	N/A	106248-2
12	1	**Motor Adapter O-ring (for NEMA Motors only)**						
		Buna N (Standard)	106549					
		EPDM	106373					
		FKM	106374					
13	1	**Drive Magnet Assembly with Retaining Ring (56C frame also includes set screws)**						
		56C frame, 6-pole	106283					
		56C frame, 8-pole	106283-1					
		56C frame, 10-pole	106283-2					
		143/145TC frame, 8-pole	106283-4					
		143/145TC frame, 10-pole	106283-5					
		63 frame, 6-pole	106289					
		63 frame, 8-pole	106289-1					
		63 frame, 10-pole	106289-2					
		71 frame, 6-pole	106286					
		71 frame, 8-pole	106286-1					
		71 frame, 10-pole	106286-2					
		80 frame, 8-pole	106292-1					
		80 frame, 10-pole	106292-2					
		90 Frame, 10-pole	106292-5					
13A	1	**Retaining Ring Only**						
		56C frame	105708					
		143/145TC frame	105709					
		63 frame	106310					
		71 frame	106309					
		80 frame	105711					
		90 frame	105712					
13B	2	**Set Screws (NEMA motor only)**						
		Stainless steel	J101084					
14	1	**Motor Adapter Flange**						
		63/71 frame w/ B14 flange	106271	106271-1	106271	106271-1	106271	106271-1
		80 frame w/ B14 flange	105724-1	105724-2	105724-1	105724-2	105724-1	105724-2
		90 frame w/ B14 flange	105725-1	105725-2	105725-1	105725-2	105725-1	105725-2
		63 frame w/ B5 flange	106272	106272-1	106272	106272-1	106272	106272-1
		71 frame w/ B5 flange	106273	106273-1	106273	106273-1	106273	106273-1
		80/90 frame w/ B5 flange	106274	106274-1	106274	106274-1	106274	106274-1
		63/71 frame w/ B14 flange ATEX	N/A	106271-2	N/A	106271-2	N/A	106271-2
		80 frame w/ B14 flange ATEX	N/A	105724-3	N/A	105724-3	N/A	105724-3
		90 frame w/ B14 flange ATEX	N/A	105725-3	N/A	105725-3	N/A	105725-3
		63 frame w/ B5 flange ATEX	N/A	106272-2	N/A	106272-2	N/A	106272-2
		71 frame w/ B5 flange ATEX	N/A	106273-2	N/A	106273-2	N/A	106273-2
		80/90 frame w/ B5 flange ATEX	N/A	106274-2	N/A	106274-2	N/A	106274-2

Hardware - All TDB6-10 Models				
Item	**Qty**	**Description**	**Stainless Steel**	**Titanium**
15	6	**Housing Bolt**		
			J102789	106308
16	6	**Housing Lock Washer**		
			J102282	J103847
17	6	**Housing Flat Washer**		
			105767	105768
18	4	**Clamp Ring Flatwasher**		
			105767	105768
19	4	**Clamp Ring Lockwasher**		
			J102282	J103847
20	4	**Clamp Ring Bolt**		
			105770	105771
21	1	**Drive Bolt (IEC motors only)**		
		63 frame	211654	N/A*
		71 frame	106348	N/A*
		80 frame	J103968	N/A*
		90 frame	105770	N/A*
22	1	**Drive Lockwasher (IEC frames only)**		
		63 frame	106322	N/A*
		71 frame	106320	N/A*
		80 frame	J100672	N/A*
		90 frame	J102282	N/A*
23	1	**Drive Flatwasher (IEC frames only)**		
		63 frame	211646	N/A*
		71 frame	210273	N/A*
		80 frame	210292	N/A*
		90 frame	210294	N/A*
24	4	**Motor Adapter Bolt**		
			J100114	106311
25	4	**Motor Adapter Lockwasher**		
			J100115	J104206
26	4	**Motor Adapter Flatwasher**		
			J100128	J104207
27	4	**Motor Adapter Flange Bolt (IEC frames with B14 flange only)**		
		63 frame	106348	106349
		71 frame	105765	105766
		80 frame	105765	105766
		90 frame	105770	105771
28	4	**Motor Adapter Lockwasher (IEC frames with B14 flange only)**		
		63 frame	J103637	106350
		71 frame	J100672	J104203
		80 frame	J100672	J104203
		90 frame	J102282	J103847
29	4	**Motor Adapter Flatwasher (IEC frames with B14 flange only)**		
		63 frame	J103638	106351
		71 frame	J100113	J104204
		80 frame	J100113	J104204
		90 frame	J101293	J103845
30	4	**Motor Adapter Nut (IEC frames only)**		
		63 frame & 71 frame with B14 flange	108141	N/A

*Alternative Titanium material not offered.

Impeller Assemblies

Model	Thrust Ring Material	Impeller Material	#1	#2	#3	#4	#5	#6	#7	#8	#9
TDB6H	**Impeller Diameter (in.)**		**3.88**	**3.63**	**3.38**	**3.12**	**4.18**	**4.00**	**3.75**	**3.50**	-
	PTFE	Polypro	106536	106536-2	106536-4	106536-6	106358	106358-2	106358-4	106358-6	-
		PVDF	106536-1	106536-3	106536-5	106536-7	106358-1	106358-3	106358-5	106358-7	-
	Silicon Carbide	Polypro	106537	106537-2	106537-4	106537-6	106359	106359-2	106359-4	106359-6	-
		PVDF	106537-1	106537-3	106537-5	106537-7	106359-1	106359-3	106359-5	106359-7	-
TDB10	**Impeller Diameter (in.)**		**3.75**	**3.50**	**3.25**	**3.00**	**4.18**	**4.00**	**3.75**	**3.50**	**3.25**
	PTFE	Polypro	106352-4	106352-6	106352-8	106352-10	106352	106352-2	106352-4	106352-6	106352-8
		PVDF	106352-5	106352-7	106352-9	106352-11	106352-1	106352-3	106352-5	106352-7	106352-9
	Silicon Carbide	Polypro	106353-4	106353-6	106353-8	106353-10	106353	106353-2	106353-4	106353-6	106353-8
		PVDF	106353-5	106353-7	106353-9	106353-11	106353-1	106353-3	106353-5	106353-7	106353-9