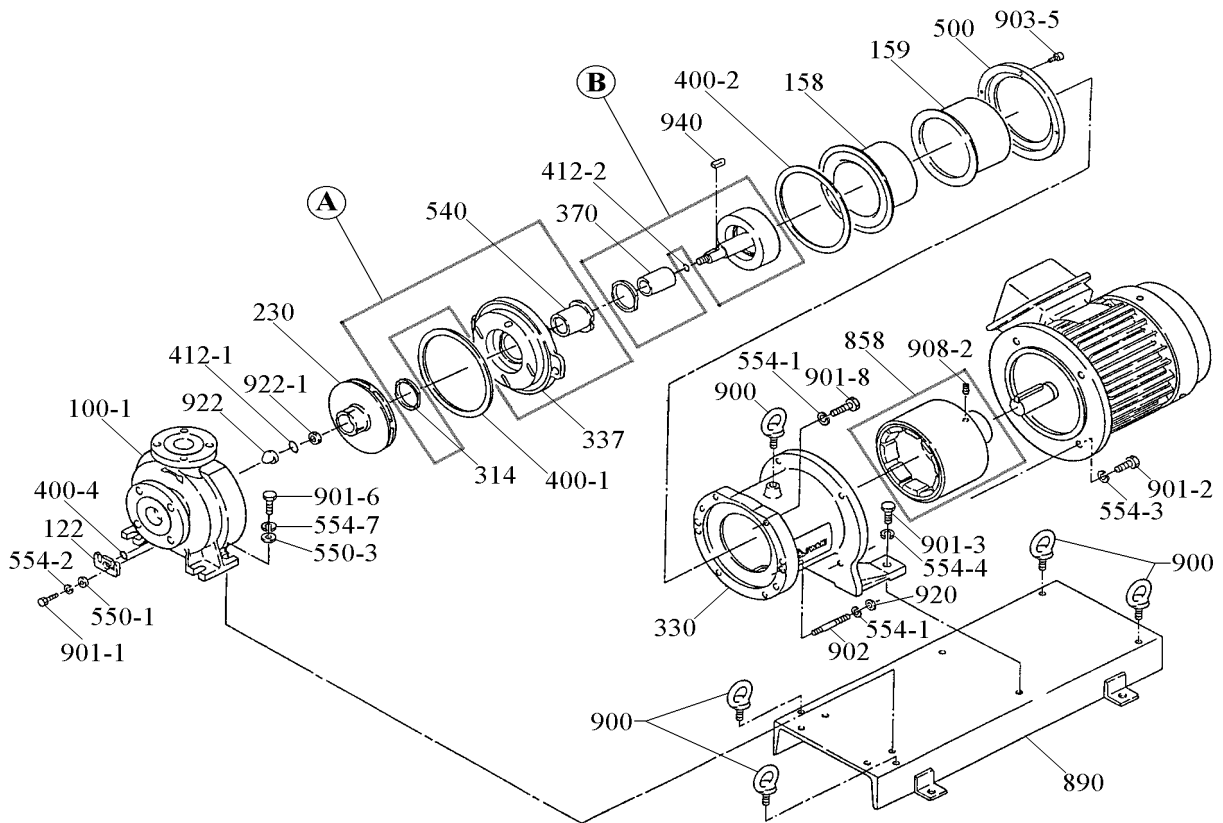


# MDE 50-200 EKZF•PKZF

No. 59-082  
Mar. 01, 2006

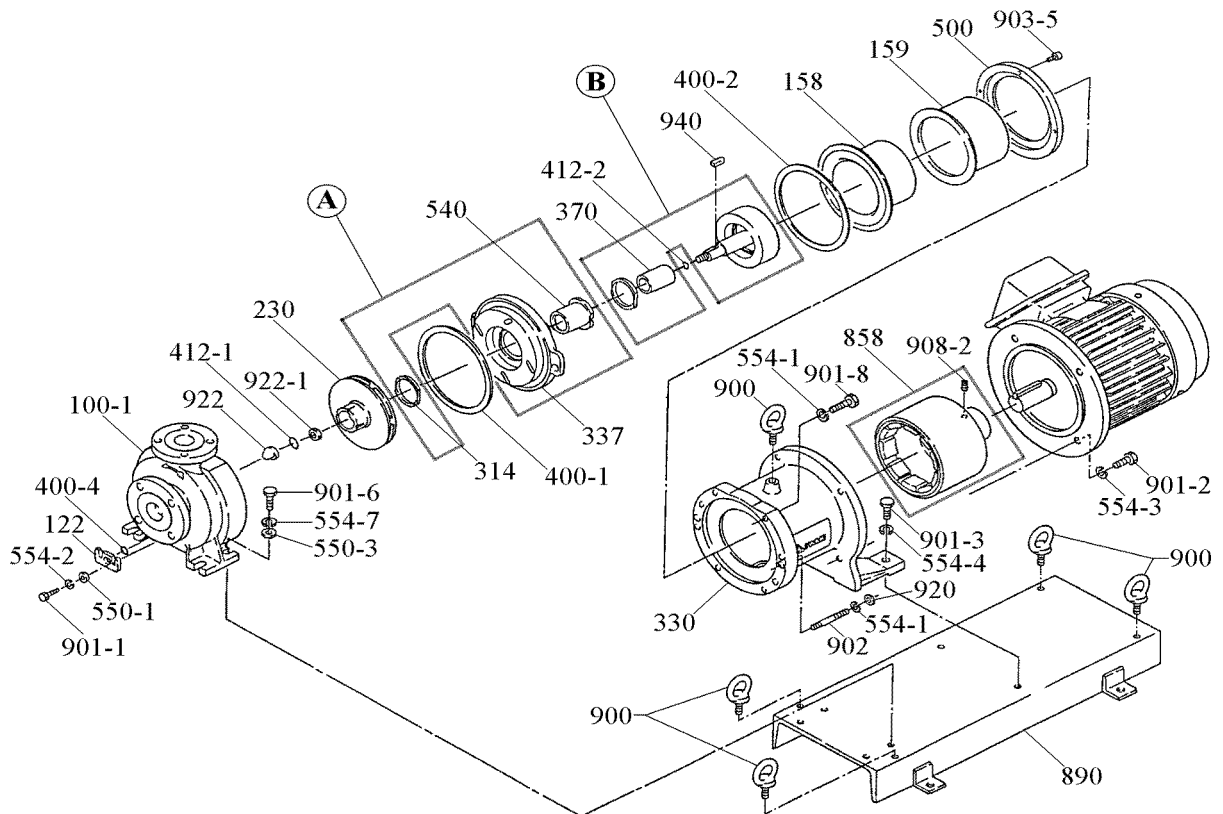


Item	Description	Type	Q'ty	Material	MDE 50-200 "EKZF"		MDE 50-200 "PKZF"		
					Part No.		Part No.		
100-1	<b>Front Casing Unit (ISO)</b>	<b>E</b>	1	ETFE+FCD 400	<b>MDE0455</b>				
		<b>P</b>	1	PFA+FCD 400			<b>MDE0770</b>		
122	<b>Drain Plate</b>		1	Steel	<b>MDE0148</b>		ÿ		
158	<b>Rear Casing</b>		1	PFA	<b>MDE0458</b>		ÿ		
159	<b>Rear Casing Cover</b>		1	FRP	<b>MDE0459</b>		ÿ		
230	<b>Impeller</b>	Ø 210 mm	<b>210</b>	1	CFRETFE+S4 equiv.	<b>MDE0714</b>			
		Ø 200 mm	<b>200</b>	1	CFRETFE+S4 equiv.	<b>MDE0715</b>			
		Ø 190 mm	<b>190</b>	1	CFRETFE+S4 equiv.	<b>MDE0716</b>			
		Ø 180 mm	<b>180</b>	1	CFRETFE+S4 equiv.	<b>MDE0717</b>			
		Ø 170 mm	<b>170</b>	1	CFRETFE+S4 equiv.	<b>MDE0718</b>			
		Ø 210 mm	<b>210</b>	1	PFA+S4 equiv.			<b>MDE0755</b>	
		Ø 200 mm	<b>200</b>	1	PFA+S4 equiv.			<b>MDE0756</b>	
		Ø 190 mm	<b>190</b>	1	PFA+S4 equiv.			<b>MDE0757</b>	
Ø 180 mm	<b>180</b>	1	PFA+S4 equiv.			<b>MDE0758</b>			
Ø 170 mm	<b>170</b>	1	PFA+S4 equiv.			<b>MDE0759</b>			
314	<b>Rear Thrust Ring</b>		1	SiC	<b>MDE0489</b>		ÿ		
330	<b>Bracket</b>	18,5•22 kW (2-Pole)	1	FCD 400 (+Steel)	<b>MDE0476</b>		ÿ		
		30•37 kW (2-Pole)	1	FCD 400 (+Steel)	<b>MDE0477</b>		ÿ		
(+900)	(+Eye Bolt)						ÿ		
337	<b>Split Plate</b>		1	PFA+FCD400	<b>MDE0479</b>		ÿ		
A	<b>Split Plate Ass'y (314+337+540)</b>		1	PFA+SiC+SiC	<b>MDE0709</b>		ÿ		
370	<b>Sleeve</b>		1	SiC	<b>MDE0483</b>		ÿ		
400-1	<b>Gasket (Front)</b>		1	PTFE	<b>MDE0484</b>		ÿ		
400-2	<b>Gasket (Rear)</b>		1	PTFE	<b>MDE0485</b>		ÿ		
400-4	<b>Drain Gasket</b>		1	PTFE	<b>MDE0149</b>		ÿ		
412-1	<b>O-Ring (AS568-128)</b>		1	Kalrez®	<b>MDE0704</b>		ÿ		
412-2	<b>O-Ring (AS568-123)</b>		1	Kalrez®	<b>MDE0703</b>		ÿ		
890	<b>Base</b>		1	Steel	<b>MDE0518</b>		ÿ		
922	<b>Impeller Nut</b>		1	CFRETFE+S4 equiv.	<b>MDE0538</b>				
			1	PFA+S4 equiv.			<b>MDE0760</b>		

△ Subject to change without prior notice! △ Actual pump may differ from the exploded view!

# MDE 50-200•65-160 E•P-F

No. 59-083c  
Mar. 01, 2006



Item	Description	Q'ty	Material	MDE 50-200•65-160	
				Part No.	
500	<b>Backup Ring</b>	1	FCD 450	<b>MDE0748</b>	
540	<b>Bearing</b>	1	SiC	<b>MDE0488</b>	
550-1	<b>Plate Washer (M8)</b>	2	SUS304 equivalent	<b>MDE0151</b>	
550-3	" " (M12)	4	SUS304 equivalent	<b>MDE0120</b>	
554-1	<b>Spring Washer (M16)</b>	8	SUS304 equivalent	<b>MDE0260</b>	
554-2	" " (M8)	2	SUS304 equivalent	<b>MDE0119</b>	
554-3	" " (M16)	4	SUS304 equivalent	<b>MDE0260</b>	
554-4	" " (M16)	2	SUS304 equivalent	<b>MDE0260</b>	
554-7	" " (M12)	4	SUS304 equivalent	<b>MDE0111</b>	
858	<b>Drive Magnet Unit</b>	18,5 kW (2-Pole)	1	Rare Earth+Steel	<b>MDE0507</b>
		22 kW (2-Pole)	1	Rare Earth+Steel	<b>MDE0510</b>
		30 kW (2-Pole)	1	Rare Earth+Steel	<b>MDE0512</b>
		37 kW (2-Pole)	1	Rare Earth+Steel	<b>MDE0513</b>
B	<b>Magnet Capsule Unit Assembly</b> (Mag. Capsule+370+ Thrust)	18,5 kW (2-Pole)	1	R.Earth+PFA+SiC	<b>MDE0514</b>
		22 kW (2-Pole)	1	R.Earth+PFA+SiC	<b>MDE0515</b>
		30 kW (2-Pole)	1	R.Earth+PFA+SiC	<b>MDE0516</b>
		37 kW (2-Pole)	1	R.Earth+PFA+SiC	<b>MDE0517</b>
900	<b>Eye Bolt (M16)</b>	5	Steel	<b>MDE0528</b>	
901-1	<b>Hex. Head Bolt (M8x20)</b>	2	SUS304 equivalent	<b>MDE0150</b>	
901-2	" " " (M16x40) 18,5~37kW	4	SUS304 equivalent	<b>MDE0529</b>	
901-3	" " " (M16x35)	2	SUS304 equivalent	<b>MDE0530</b>	
901-6	" " " (M12x35)	4	SUS304 equivalent	<b>MDE0110</b>	
901-8	" " " (M16x70)	6	SUS304 equivalent	<b>MDE0533</b>	
902	<b>Stud Bolt (M16x95)</b>	2	SUS304 equivalent	<b>MDE0534</b>	
903-5	<b>Hex. Socket Head Bolt (M8x20)</b>	4	SUS304 equivalent	<b>MDE0535</b>	
908-2	<b>Hex. Socket Setscrew (M8x10)</b>	2	Steel	<b>MDE0139</b>	
920	<b>Hexagon Nut (M16)</b>	2	SUS304 equivalent	<b>MDE0537</b>	
922-1	<b>Impeller Lock Nut</b>	1	SUS304 equivalent	<b>MDE0712</b>	
940	<b>Key</b>	1	Steel	<b>MDE0541</b>	

△ Subject to change without prior notice! △ Actual pump may differ from the exploded view!