



EBARA



ISO 9001 : 2008
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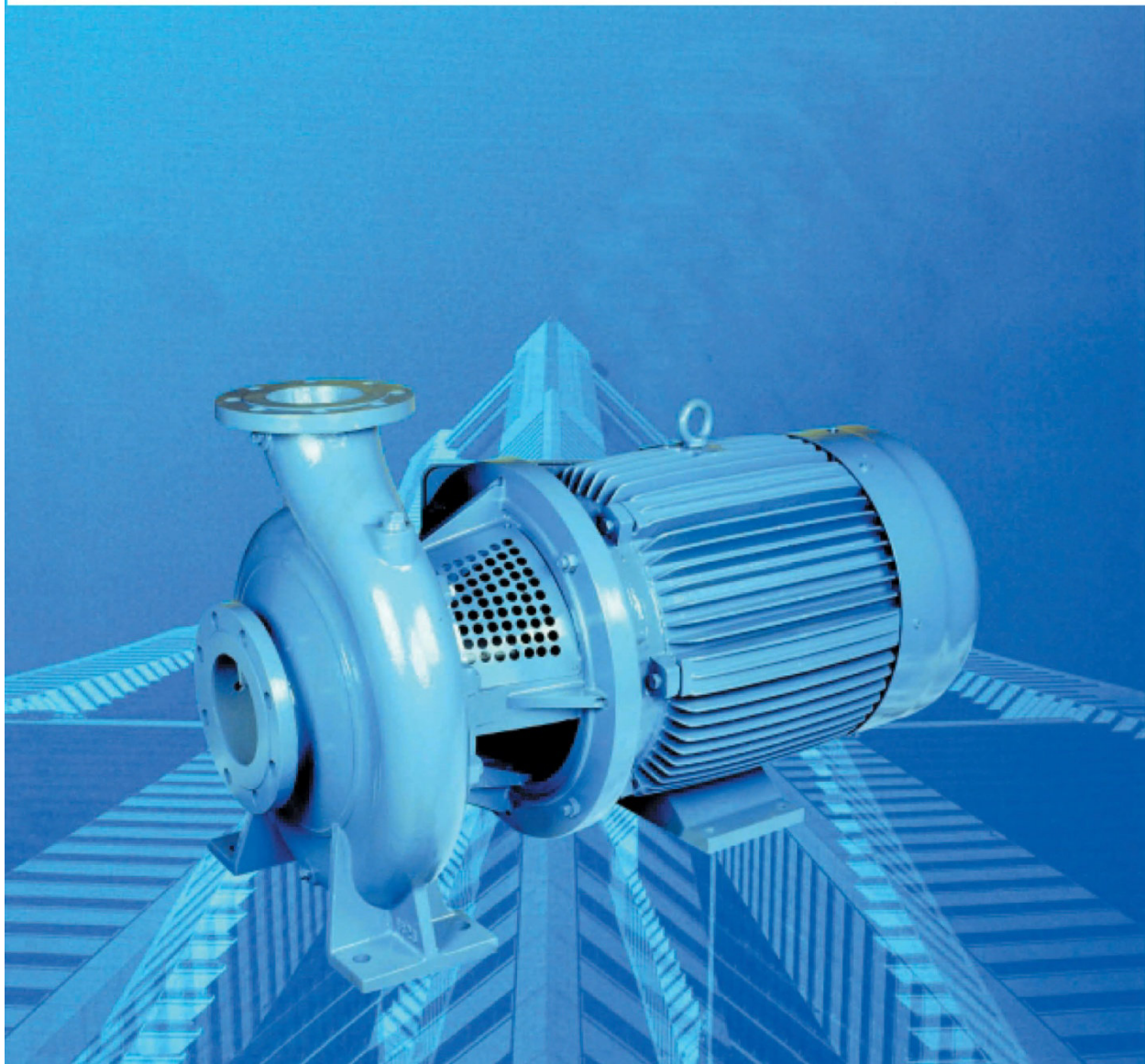


FSD8001-5R2

FLANGE MOTOR WITH STABSHAFT END SUCTION VOLUTE PUMP

Model **FSDA**

50Hz



MONOBLOCK END SUCTION PUMP

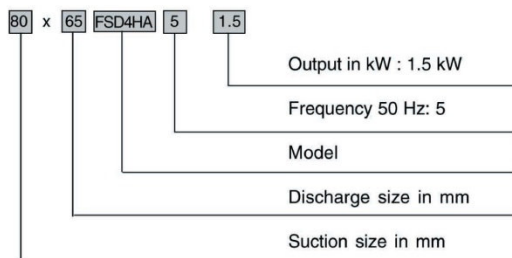
FEATURES

- Motor closed couple, alignment free construction.
- Easy maintenance BPO (Back Pull Out) feature allows all rotating element to be removed without disconnecting the suction and discharge pipework.
- Top centerline discharge, foot support under casing for maximum resistance to misalignment and distortion from pipe loads.
- Higher operating efficiency over a wider range of capacities, lowers operational cost.
- Very compact design for ease of installation and permits minimum maintenance.

APPLICATIONS

- Water supply.
- Hot and cold water circulation.
- For cooling tower.
- Fire-fighting application.
- Irrigation.
- Industrial use.
- Drainage.
- Sprinkling.
- Air-conditioning.
- For swimming pool
- Brine.
- Oils.

MODEL CODE

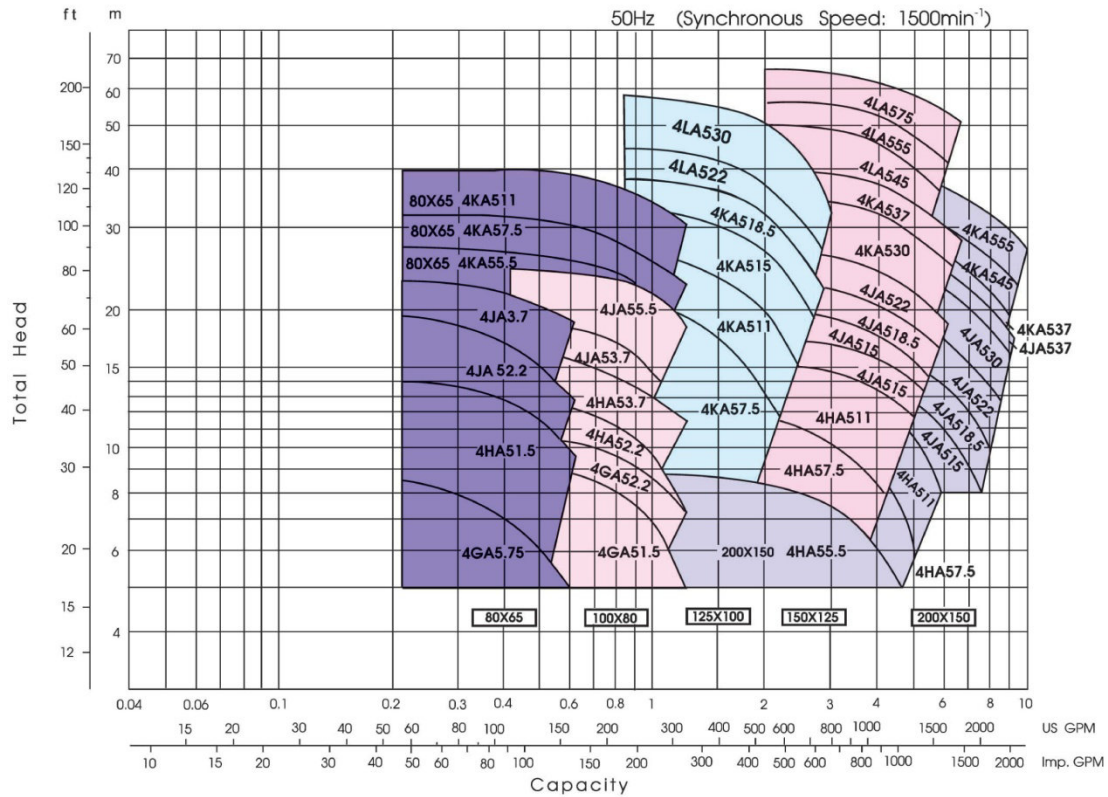


SPECIFICATION

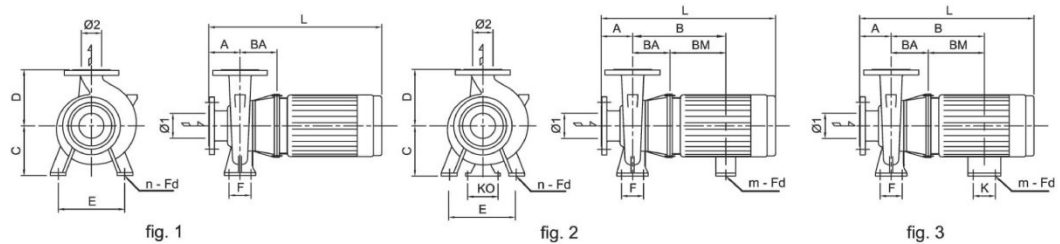
Description		Standard
Model		FSDA
No. of Pole		4
Liquid	Type of liquid	Clean Water
Handled	Temperature	0°C - 100°C (32-212°F)
Max. Positive Suction Pressure (Kgf/cm ²) for M. seal		All except FSLA : 8.2 - (Shutoff pressure) FSLA : 10.2 -(Shutoff pressure)
Max. Working Pressure		10.2 Kgf/cm ² (10 bar)
Available Suction Lift		Suction <= 125 : 6m 125x100 : 4m
Synchronous speed		1450 min ⁻¹
Location		Indoor, Optional : Outdoor
Construction	Shaft seal	Mechanical Seal
	Pump Shaft	Stab Shaft
Material	Casing	Cast Iron
	Bracket	Cast Iron
	Impeller	Bronze
	Shaft	316 Stainless Steel
	M. Seal	Ceramic vs carbon
Flange	Suction	JIS 10 KRF
	Discharge	JIS 10 KRF
Motor		
Type		IEC Standard Flange Type
No. of Pole		4
Synchronous speed		1450 min ⁻¹
Insulation Class		F
Protection		IP 54. Optional : IP 55
Voltage / Phase / Hz		380 V / 3 phase / 50 Hz
Material	Frame	Cast Iron

NOTE : For optional is available upon request

■ PERFORMANCE




■ DIMENSION



unit : mm

Size		MODEL	Output kW	Fig. No.	A	BA	BM	C	D	E	F	K	KO	n - Fd	m - Fd	L	T. Berat kg													
1	2																													
80	65	80x65 FSD4GA5.75	0.75	1	100	135	-	160	180	212	70	-	125	4-M12	-	477	78													
		80x65 FSD4HA51.5	1.5						200							556.5	95													
		80x65 FSD4JA52.2	2.2	2		156	133	180	225	250	95					100	190	4-M16	4-M16	570.5	114									
		80x65 FSD4JA53.7	3.7																	627	125									
		80x65 FSD4KA55.5	5.5	3		125	186	159	225	280	315									120	150	685	225							
		80x65 FSD4KA57.5	7.5																			178	723	239						
80x65 FSD4KA511	11	211	213		834							280																		
100	80	100x80 FSD4GA51.5	1.5	1	100	135	-	160	200	212	95	-	125	4-M12	2-M12					556.5	94									
		100x80 FSD4GA52.2	2.2						133							549.5	102													
		100x80 FSD4HA52.2	2.2	2		156	180	225	250	200						250	280	120	100	190	4-M16	2-M16	570.5	115						
		100x80 FSD4HA53.7	3.7																				180	627	126					
		100x80 FSD4JA53.7	3.7	3		186	159	225	280														315	120	150	190	4-M16	2-M16	627	134
		100x80 FSD4JA55.5	5.5																										211	213
125	100	125x100 FSD4KA57.5	7.5	3	140	186	178	250	315		315	120	150	190	4-M16								4-M16	738	258					
		125x100 FSD4KA511	11																					213	849	303				
		125x100 FSD4KA515	15							211						235	893	345												
		125x100 FSD4KA518.5	18.5							226						241.5	913	369												
		125x100 FSD4LA522	22							251						260.5	991	473												
		125x100 FSD4LA530	30							285.5						1051	557													
150	125	150x125 FSD4HA57.5	7.5	3	140	226	178	250	315	315	120	150	190	4-M16	4-M16	778	250.5													
		150x125 FSD4HA511	11													213	864	282												
		150x125 FSD4HA515	15													235	908	330												
		150x125 FSD4JA515	15													241.5	908	337.5												
		150x125 FSD4JA518.5	18.5													260.5	928	359.5												
		150x125 FSD4JA522	22													260.5	966	394												
		150x125 FSD4KA530	30													285.5	1060	559.5												
		150x125 FSD4KA537	37													292	1111	594												
		150x125 FSD4LA545	45													305	1136	661												
		150x125 FSD4LA555	55													315	400	150	300	350	1177.5	822								
		150x125 FSD4LA575	75													344	1177	876												
		200	150													200x150 FSD4HA55.5	5.5	3	160	186	159	280	355	400	150	150	190	4-M20	4-M20	720
200x150 FSD4HA57.5	7.5			178	758	288																								
200x150 FSD4HA511	11			226	213	884	329																							
200x150 FSD4JA515	15			235	962	422																								
200x150 FSD4JA518.5	18.5			241.5	982	463																								
200x150 FSD4JA522	22			260.5	1020	493																								
200x150 FSD4JA530	30			285.5	1080	577																								
200x150 FSD4JA537	37			295	1131	607																								
200x150 FSD4KA537	37			292	1172	645.5																								
200x150 FSD4KA545	45			336	305	315	400	450	1197	693																				
200x150 FSD4KA555	55			325	1238.5	816																								

All specifications are subject to change without notice

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