



EBARA



ISO 9001 : 2000
Lic no. QEC22090

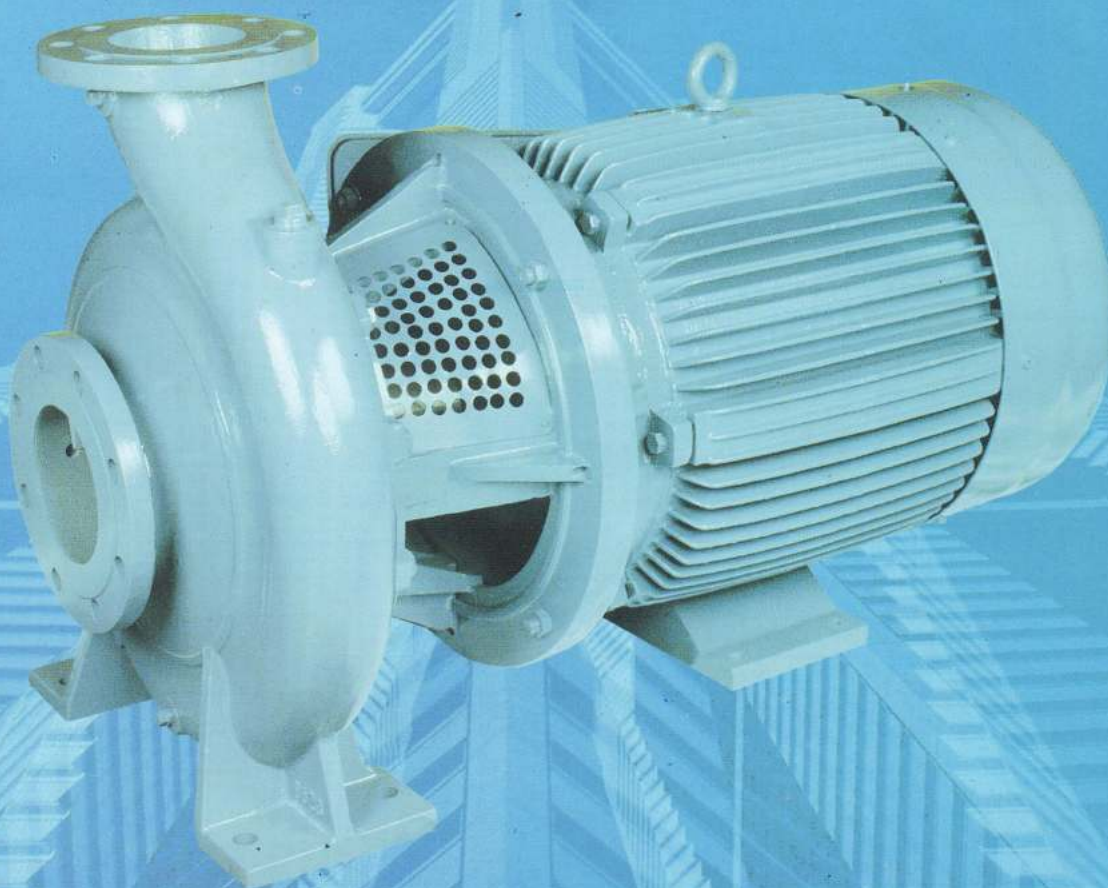
Quality
Endorsed
Company

FSD8001-5-R1

MONOBLOCK END SUCTIONPUMP

Model **FSDA**

50Hz



MONOBLOCK END SUCTION PUMP

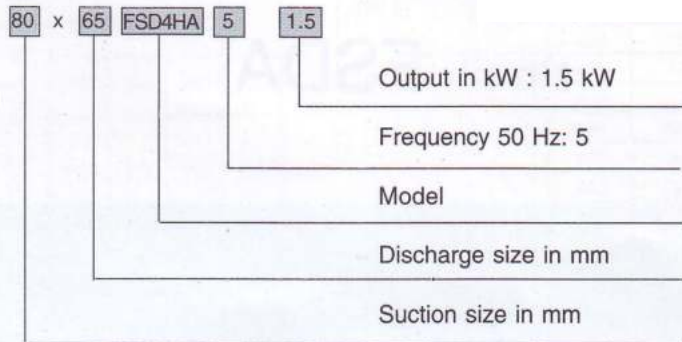
FEATURES

- 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

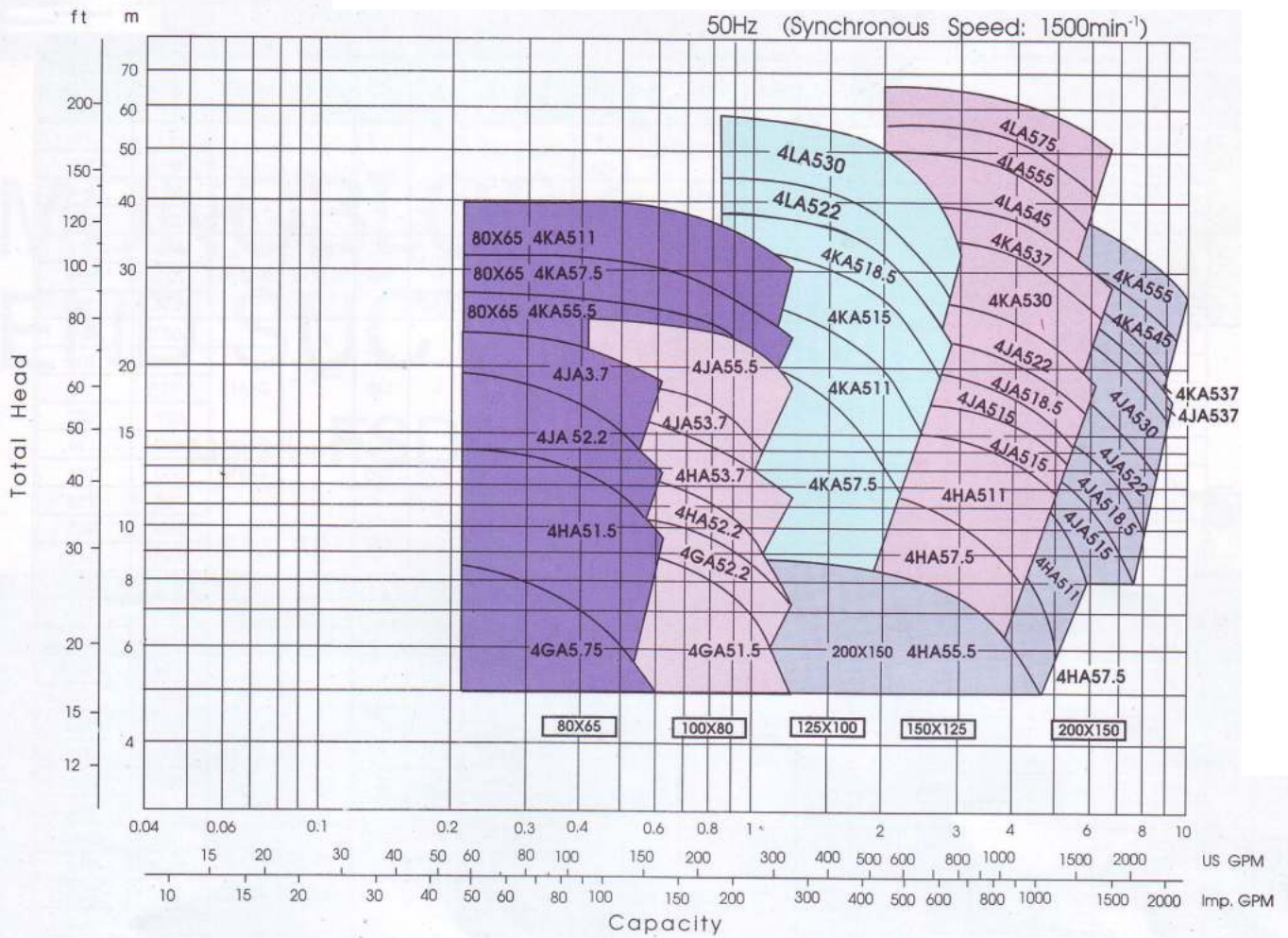


SPECIFICATION

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

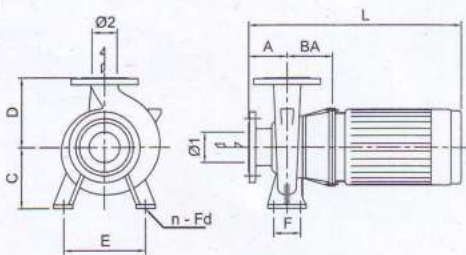


fig. 1

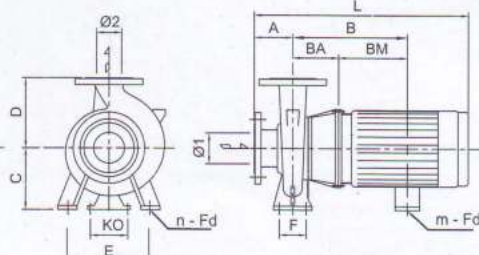


fig. 2

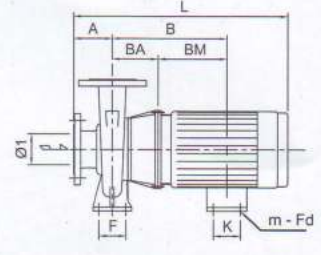


fig. 3

unit : mm

Size		MODEL	Output kW	Fig. No.	A	BA	BM	C	D	E	F	K	KO	n - Fd	m - Fd	L	Weight (Mass) kg		
ø 1	ø 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	2-M12	570.5			114			
		80x65 FSD4JA53.7	3.7				180	627	125										
		80x65 FSD4KA55.5	5.5	3	125	186	159	225	280	315	120	100	190	4-M16	4-M16	685	225		
		80x65 FSD4KA57.5	7.5				178									723	239		
		80x65 FSD4KA511	11				211					213				150	834	280	
100	80	100x80 FSD4GA51.5	1.5	1	100	135	-	160	200	212	95	-	125	4-M12	-	556.5	94		
		100x80 FSD4GA52.2	2.2				133	549.5	102										
		100x80 FSD4HA52.2	2.2	2		156	180	225	250	2-M12	570.5	115							
		100x80 FSD4HA53.7	3.7				180	627	126										
		100x80 FSD4JA53.7	3.7	3		186	159	200	250	280	120	100	190	4-M16	2-M16	627	134		
		100x80 FSD4JA55.5	5.5				226	250	280	120	660					171			
		100x80 FSD4KA511	11		211		213	150	834	280									
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	280	355	400	150	250	300	4-M20	4-M20	991	473		
		125x100 FSD4LA530	30			285.5	1051	557											
		125x100 FSD4LA530	30			251	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					200	250			908	337.5		
		150x125 FSD4JA518.5	18.5				260.5									928	359.5		
		150x125 FSD4JA522	22			260	285.5	280	355	400	150	250	300	4-M20	4-M20	966	394		
		150x125 FSD4KA530	30				292									1060	559.5		
		150x125 FSD4KA537	37			295	305	315	400	400	150	300	350	4-M20	4-M20	1111	594		
		150x125 FSD4LA545	45				325									1136	661		
		150x125 FSD4LA555	55				344									1177.5	822		
		150x125 FSD4LA575	75				344									1177	876		
		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	277		
		200x150 FSD4HA57.5	7.5				178									758	288		
		200x150 FSD4HA511	11			226	213	260	235	280	375	150	200			250	884	329	
		200x150 FSD4JA515	15				241.5		962								422		
		200x150 FSD4JA518.5	18.5			260.5	250		300				982			463			
		200x150 FSD4JA522	22			285.5							1020			493			
		200x150 FSD4JA530	30			295	292	336	305	315	400	450	300			350	1080	577	
		200x150 FSD4JA537	37				1131										607		
		200x150 FSD4KA537	37			1172	645.5												
		200x150 FSD4KA545	45			1197	693												
		200x150 FSD4KA555	55			1238.5	816												
		200x150 FSD4KA555	55			1238.5	816												

All specifications subject to change without prior notice.

