

**KAMALBLOWER SOLUTIONS LLC****150 - 350 GPM****2.5 YH****200 - 425 Feet TDH****STANDARD SPECIFICATION****Discharge** - 2.5 inch flanged discharge**Suction** - 4 inch flanged suction**Balance Line** - Stainless steel flexible line**Impeller** - Enclosed cast iron**Volute** - Right hand tangential discharge, four positions**Mechanical Seal or Traditional Packing** - Single type 1 carbon ceramic mechanical seal: Cycloseal® design, Run-dry available**Footprint** - Matches KamalBlower's historical 3WB**Materials of Construction**

- Cast iron bronze fitted
- Other materials available

**PURCHASE OPTIONS****• Complete Pump**

Fully assembled at the factory Ready to go to the field

• Pump End Kit Finished

components

– PrePainted Easy

assembly

– Common tools – Simple

instructions

Obtain drives locally or through KamalBlower's

MOUNTING OPTIONS**• Close Coupled Electric**

Standard JP motor shaft

– Standard Efficiency –

KamalBlower's Energy Efficient

Design

• Frame Mount

KamalBlower's F85

• Engine Bracket

KamalBlower's EM309 (SAE 5)

KamalBlower's EM85 (SAE 3 and 4)

FEATURES & BENEFITS**• Cornell's Tradition of Excellence:****• Highest Quality Products •****Experience**

- Over 50 years in the centrifugal pump business

• Optimum Hydraulics

- In house engineering staff and test lab facilities •

Strong Local Dealer Support

- Our agricultural products are sold only through authorized dealerships
- Dealerships provide full service to customers from sales to replacement parts
- Dealers maintain and improve their knowledge at educational activities like KamalBlower's "Pump School"

• Economically Priced: •**Component Design**

- Efficient manufacturing through increased volume of common parts

• Versatility

- The ability to mix and match components reducing local inventory of both parts and whole goods with a wide variety of pumps and mounting configurations for the customer

• Exceptional Design: •**Efficiency**

- Effectively converts energy into fluid flow and pressure

• Long Product Life

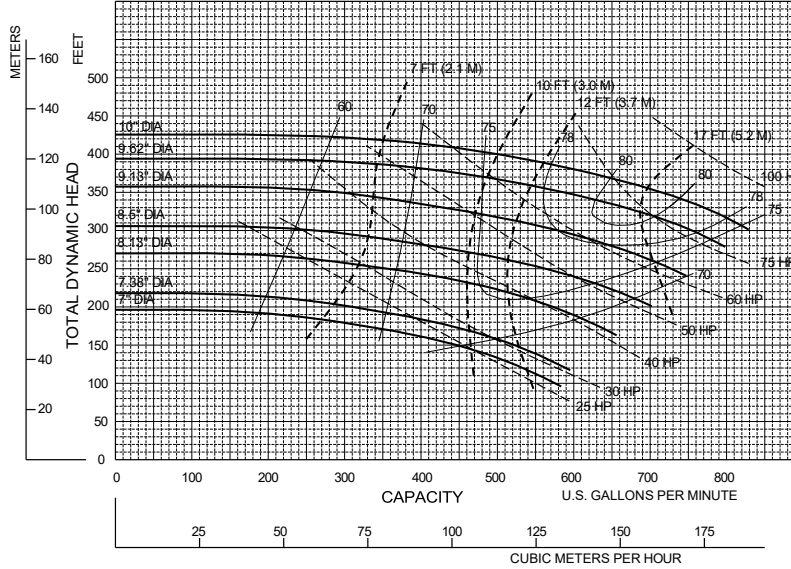
- Thick walled castings -
- Heavy duty shafts
- 20,000 hour bearings -
- Replaceable wear rings and shaft sleeves -
- Reduced thrust load through design and balance lines where appropriate

PERFORMANCE CURVES

**2.5 YH
3600 RPM**

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
3525	VARIOUS	ENCLOSED	.50"	1130	4"	2.5"	6

SINGLE VOLUTE MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Note:
Curves also
available in
1800 and
various RPM

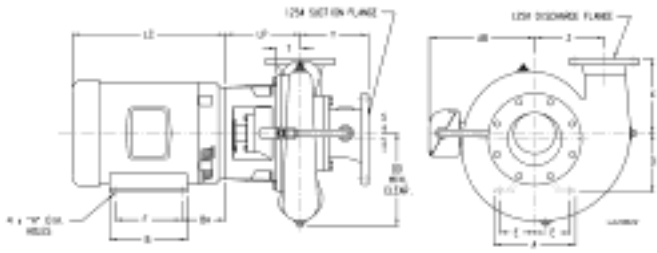


Figure 1

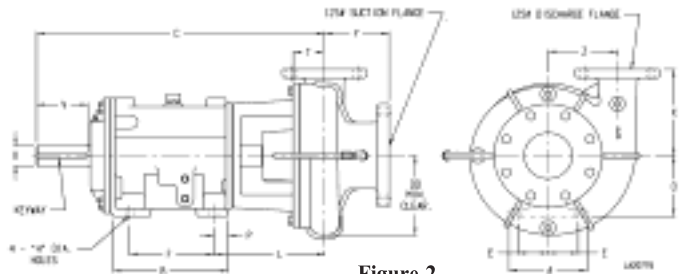


Figure 2

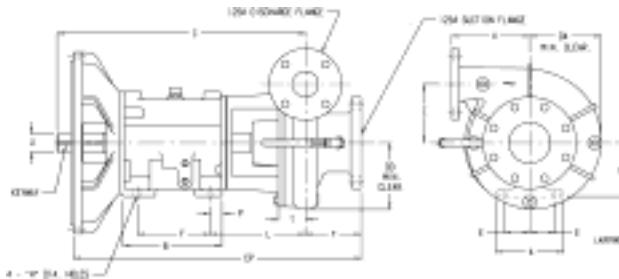
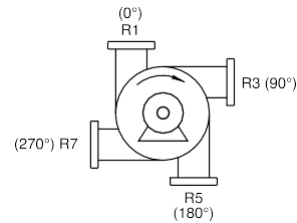


Figure 3



PUMP DIMENSIONS

MOUNT	AK	Fig.	A	B	C	CP	D	DA	DD	E	F	H	L	P	T	U	V	X	Y	Z	LP	KEYWAY
CC	8.5 12.5	1 1	- -	- -	- -	- -	- -	- -	7 7	- -	- -	- -	- -	- -	2.59 2.59	- -	- -	7.5 7.5	5.38 5.38	5.75 5.75	7.44 7.44	- -
F85	-	2	6.5	9.52	24.28	-	5.25	-	7	2.5	7	0.69	9.19	1.16	2.59	2	4.81	7.5	5.38	5.75	-	.50 X .25
EM85	-	3	6.5	9.52	24.28	27.66	5.25	7	7	2.5	7	0.69	9.19	1.16	2.59	2	-	7.5	5.38	5.75	-	.50 X .25
EM309	-	-	-	-	17.67	21.68	-	-	7	-	-	-	-	-	2.59	1.25	-	7.5	5.38	5.75	-	.25 X .12

MOTOR DIMENSIONS

MOTOR FRAME	AK DIM.	A	B	D	E	F	H	AB	BA	LC
143-5	4.5	6.5	5.94	3.5	2.75	5	0.34	5.62	2.88	10
182-3	4.5	8.62	6.5	4.5	3.75	5.5	0.41	6.75	3.5	12.25
	8.5	8.62	6.5	4.5	3.75	5.5	0.41	6.75	3.5	12.25
213-5	8.5	9.5	8	5.25	4.25	7	0.41	7.94	4.5	13.69
254-6	8.5	11.25	11.25	6.25	5	10	0.53	9.5	5	17.94
284-6	12.5	12.25	12.25	7	5.5	11	0.53	11.37	5	21.31
324-6	12.5	14.25	13.75	8	6.25	12	0.66	12.22	5.5	22.19
364-5	12.5	15.75	14	9	7	12.25	0.66	13.2	6.12	24.31
404-5	12.5	18.5	16.62	10	8	13.75	0.81	16.39	6.88	29.97

KamalBlower Solutions LLC

ISO9001:2000 CERTIFIED