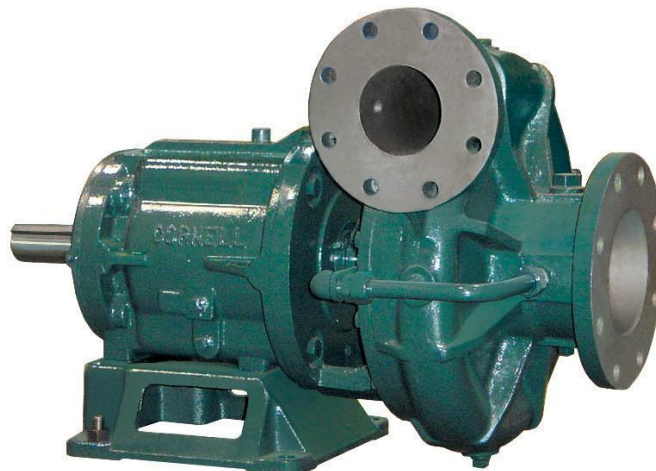


## AVAILABLE MOUNTING CONFIGURATIONS

5RB-F FRAME MOUNT  
5RB-RP-F REDI-PRIME FRAME MOUNT  
5RB-EM ENGINE MOUNT  
5RB-RP-EM REDI-PRIME ENGINE MOUNT  
5RB-VF VERTICAL FRAME MOUNT  
5RB-VC VERTICAL COUPLED

## OPERATING LEVELS

<b>MIN FLOW</b>	265 GPM	60.1 m <sup>3</sup> /h
<b>MAX FLOW</b>	3000 GPM	681 m <sup>3</sup> /h
<b>DISCHARGE SIZE</b>	5"	127 mm
<b>SUCTION SIZE</b>	8"	203 mm
<b>SOLIDS HANDLING</b>	1"	25.4 mm
<b>MAX SPEED</b>	2400 RPM	2400 RPM
<b>SHUT-OFF HEAD</b>	370'	113 m
<b>MAX WORKING PRESSURE</b>	155 PSI	1069 kPa
<b>BEP HEAD</b>	285'	86.9 m
<b>BEP FLOW</b>	2200 GPM	500 m <sup>3</sup> /h
<b>BEP PERCENT</b>	86%	86%



A typical picture of the pump is shown. Please contact KamalBlower Solutions LLC for further details. All information is approximate and for general guidance only.

The 5RB general purpose pump is designed with KamalBlower's renowned quality and durability. It features a 5" discharge and a 8" suction, enclosed multi-vane impeller and flanged tangential double volute. The pump end mounts to F16, F18, EM16, EM18, VC16, VC18, VF16 and VF18 bearing frames. Optional Redi-Prime or Venturi Prime priming system is available. Bearings are heavy-duty, grease lubricated, single ball bearings with a minimum of 20,000 hours bearing life.

- External hydraulic balance line
- Back pullout design
- Replaceable hub & suction wear rings
- Replaceable shaft sleeve
- High efficiency hydraulics
- Low operating costs
- Modular bearing frame
- Long B-10 bearing life (20,000 hour min.)
- Two year warranty
- Optional Cycloseal® with type 1 mechanical seal
- Optional Run-Dry™ lubrication system
- Grease lubrication standard - oil lubrication optional
- SAE #1, 2, 3 & 4 engine mount available to fit
- Oversized shaft and bearings
- Double volute

PARTS	STANDARD MATERIAL (CAST IRON BRONZE FITTED)
<b>WEAR RINGS</b>	Bronze SAE 660
<b>IMPELLER</b>	Bronze SAE 40
<b>VOLUTE</b>	Cast Iron ASTM A48 CL30
<b>SHAFT</b>	SAE 1144 Stressproof Steel
<b>SHAFT SLEEVE</b>	Bronze SAE 660
<b>BACKPLATE</b>	Cast Iron ASTM A48 CL30
<b>PACKING (STANDARD)</b>	Graphited Acrylic
<b>MECHANICAL SEAL (OPTIONAL)</b>	Single T-1, Buna, Carbon/ Ceramic
<b>BEARING FRAME</b>	Cast Iron ASTM A48 CL30



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



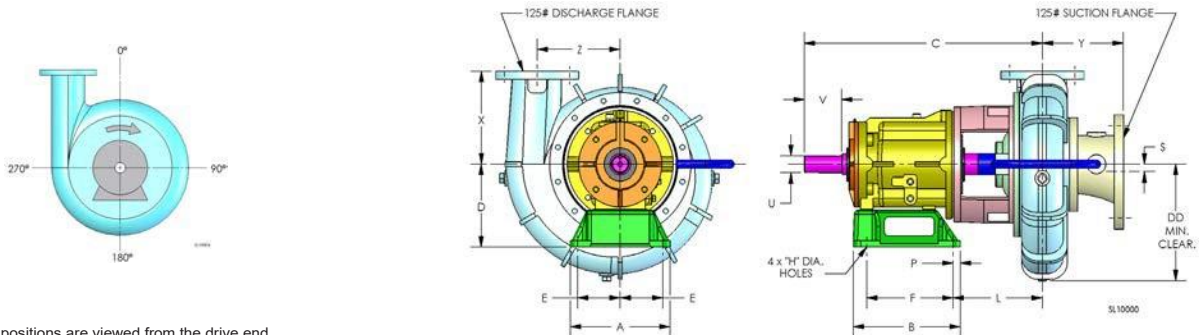
OIL &amp; GAS



REFRIGERATION



RENTAL



## NOTES:

Discharge positions are viewed from the drive end.  
Standard increments of discharge position are shown in the chart below (DISCH INCR). Consult factory for other discharge positions.

## PUMP DIMENSIONS

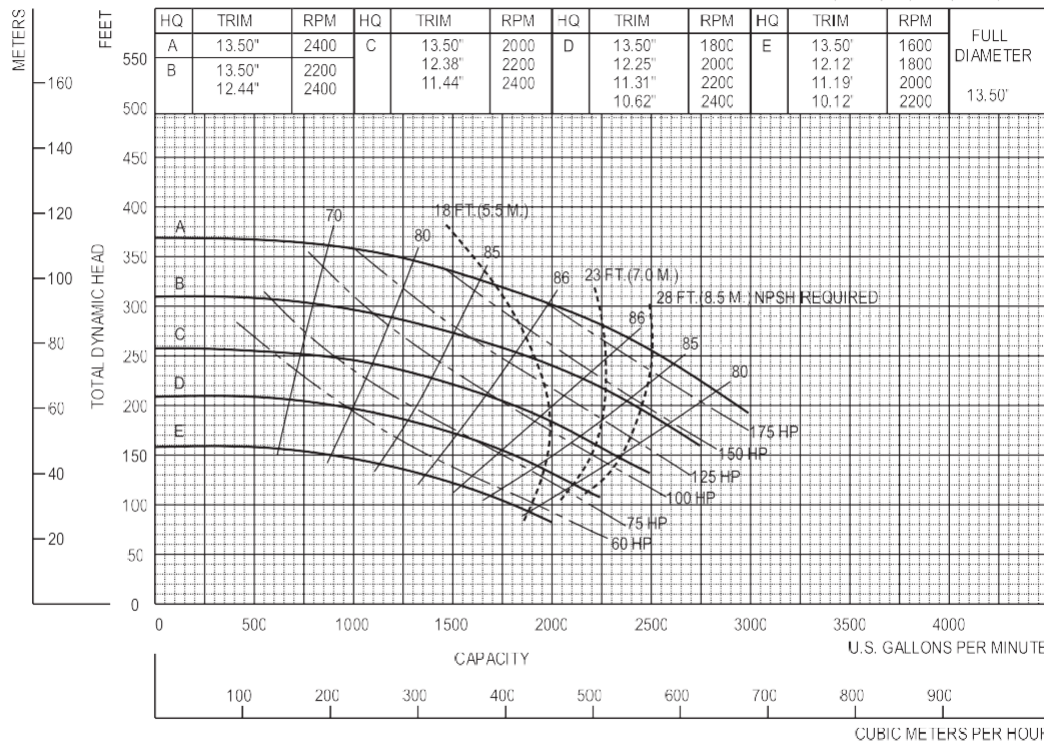
MODEL	FRAME	CONNECTION		DISCH. INC.	A	B	C	D	DD	E	F	H	L	P	S	U	V	X	Y	Z	KEYWAY
		DISCH.	SUCT.																		
5RB	F16	5	8	90°	12	12.88	28.62	9.75	14.25	5.12	10.38	0.81	10.77	0.88	0.88	2	4.5	11	9.78	10	.50X.25

Feet x .305 = Meters  
Inches x 25.4 = Millimeters  
GPM x .227 = Cubic Meters/Hour  
GPM x 3.785 = Liters/Minute  
HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N <sub>S</sub>	Suction	Discharge	No. vanes
VARIOUS	VARIOUS	ENCLOSED	1"	1654	8"	5"	6

## DOUBLE VOLUTE

## MOUNTING CONFIG.: CC, VM, F, VF, EM, VC



Performances shown are for cool water, close-coupled electric configuration with Cycloesel.® Other mounting configurations, seal arrangements or liquids may require horsepower and/or performance adjustments.

NEW PAGE

5RBVA

12/11/12

5RB - VARIOUS RPM