

AVAILABLE MOUNTING CONFIGURATIONS

3RB-CC CLOSE-COUPLED
3RB-VM VERTICAL CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	60 GPM	13.6 m ³ /h
MAX FLOW	710 GPM	161.1 m ³ /h
DISCHARGE SIZE	3"	76.2 mm
SUCTION SIZE	5"	127 mm
SOLIDS HANDLING	0.5"	12.7 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	185'	56.4 m
MAX WORKING PRESSURE	175 PSI	1207 kPa
BEP HEAD	160'	48.8 m
BEP FLOW	550 GPM	124.8 m ³ /h
BEP PERCENT	78%	78%



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 3RB general purpose pump is designed with KamalBlower's renowned quality and durability. It features a 3" discharge and a 5" suction, enclosed multi-vane impeller and flanged tangential single volute. Optional motors include TEFC (other options available).

- External hydraulic balance line
- Back pullout design
- Replaceable hub & suction wear rings
- Replaceable shaft sleeve
- High efficiency hydraulics
- Low operating costs
- Two year warranty
- Optional Cycloseal® with type 1 mechanical seal
- Optional Run-Dry™ lubrication system
- "Shower curtain shield" bearing protection

PARTS	STANDARD MATERIAL (CAST IRON BRONZE FITTED, CI IMPELLER)
WEAR RINGS	Bronze SAE 660
IMPELLER	Cast Iron ASTM A48 CL30
VOLUTE	Cast Iron ASTM A48 CL30
SHAFT	Carbon Steel
SHAFT SLEEVE	Bronze SAE 660
BACKPLATE	Cast Iron ASTM A48 CL30
PACKING (STANDARD)	Graphited Acrylic
MECHANICAL SEAL (OPTIONAL)	Single T-1, Buna, Carbon/ Ceramic
MOTOR	Open drip-proof w/ 1.15 service factor





DATA SHEET

3RB-CC

AGRICULTURE

FOOD

INDUSTRIAL

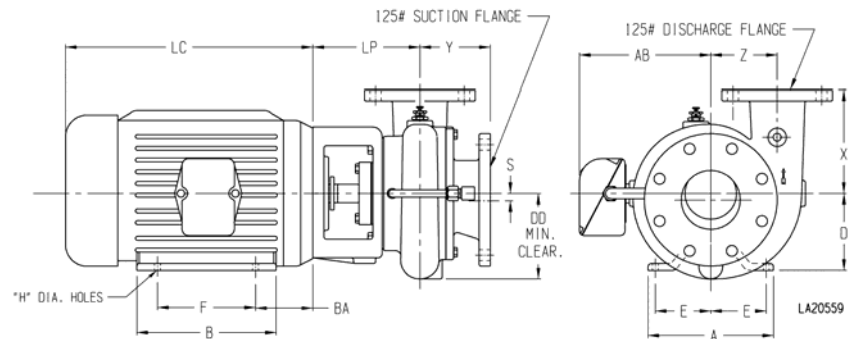
MINING

MUNICIPAL

OIL & GAS

REFRIGERATION

RENTAL



PUMP DIMENSIONS

MODEL	CONNECTION		DISCHARGE INCREMENT	AK DIM.	DD	S	X	Y	Z	LP
	DISCHARGE	SUCTION								
3RB	3	5	90°	8.5	10	-	8.5	5.25	7.75	7.62
				12.5	10	-	8.5	5.25	7.75	7.62

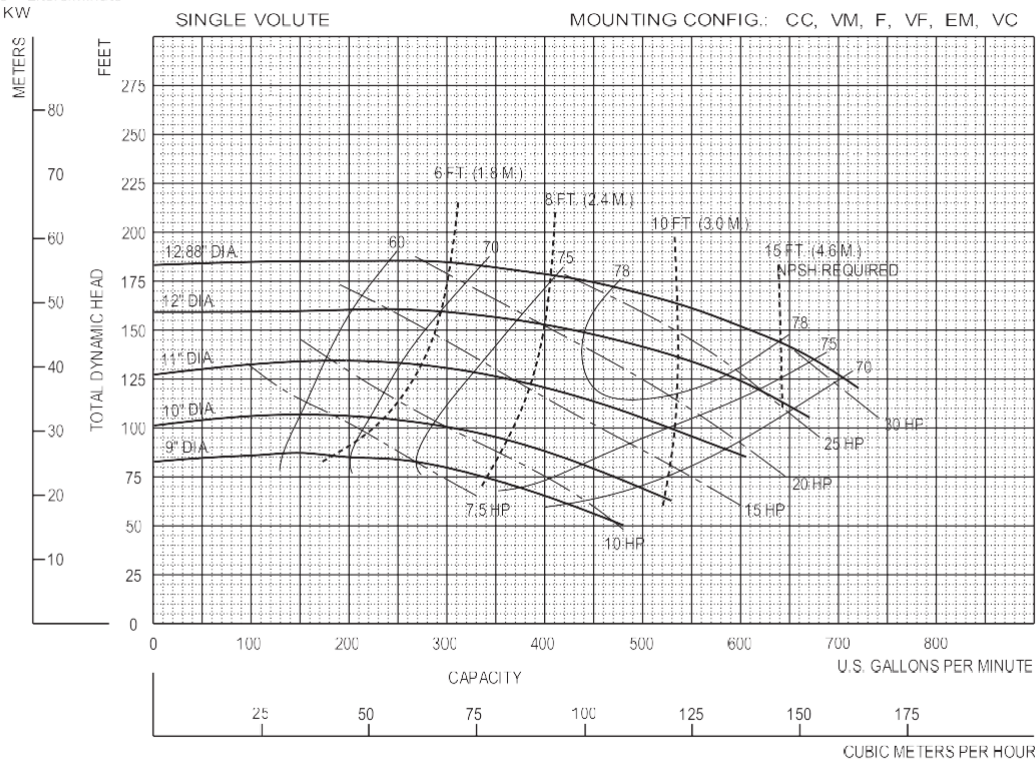
MOTOR DIMENSIONS

MOTOR FRAME	AK DIM.	A	B	D	E	F	H	AB	BA	LC
324-6	12.5	14.25	14	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

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 _S	Suction	Discharge	No. vanes
1775	VARIOUS	ENCLOSED	.50"	918	5"	3"	7

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



NEW PAGE

3RB18

12/10/14

KamalBlower Solutions LLC

3RB - 1800 RPM