

10RB-CC

AVAILABLE MOUNTING CONFIGURATIONS

10RB-CC CLOSE-COUPLED
10RB-VM VERTICAL CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	1750 GPM	397 m³/h
MAX FLOW	5700 GPM	1293 m³/h
DISCHARGE SIZE	10"	254 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	1.25"	31.75 mm
MAX SPEED	1800 RPM	1800 RPM
SHUT-OFF HEAD	200'	61 m
MAX WORKING PRESSURE	155 PSI	1069 kPa
BEP HEAD	130'	39.6 m
BEP FLOW	4900 GPM	1112 m³/h
BEP PERCENT	87%	87%



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 10RB general purpose pump is designed with KamalBlower's renowned quality and durability. It features a 10" discharge and a 10" suction, enclosed multi-vane impeller and flanged tangential double 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
- Double volute

PARTS	STANDARD MATERIAL (BRONZE FITTED)
WEAR RINGS	BRONZE SAE 660
IMPELLER	BRONZE SAE 40
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)	T-1, BUNA, CARBON/CERAMIC
MOTOR	ODP W/ 1.15 SF



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS

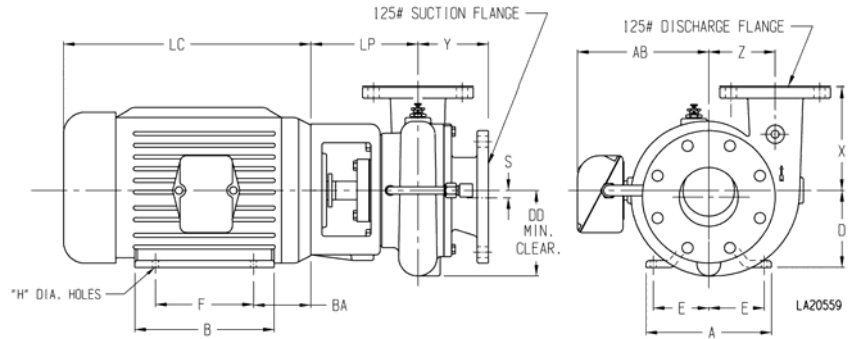


REFRIGERATION



RENTAL

10RB-CC



PUMP DIMENSIONS

MODEL	CONNECTION		DISCHARGE INCREMENT	AK DIM.	DD	S	X	Y	Z	LP
	DISCHARGE	SUCTION								
10RB	10	10	90°	12.5	19.12	-	14	10.55	12	11.68

MOTOR DIMENSIONS

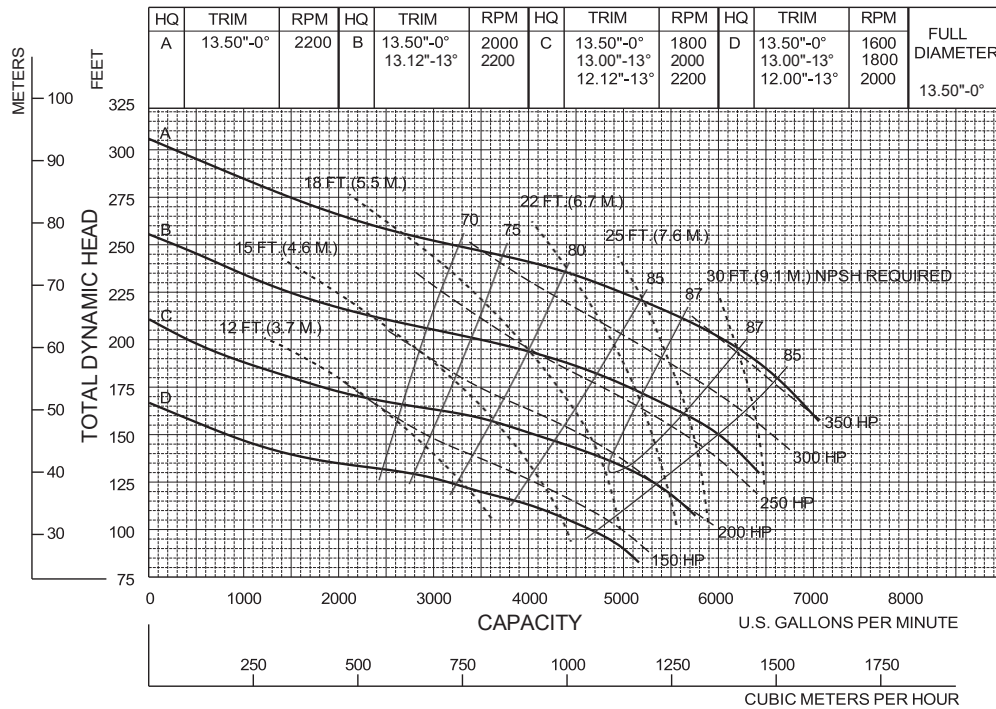
MOTOR FRAME	AK DIM.	A	B	D	E	F	H	AB	BA	LC
324-6	12.5	14.25	14	8	6.25	12	0.66	12.22	5.5	22.19
364-5	12.5	15.75	14	9	7	12.25	0.66	13.2	6.12	24.31
404-5	12.5	18.5	16.62	10	8	13.75	0.81	16.39	6.88	29.97

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
VARIOUS	VARIOUS	ENCLOSED	1.25"	2900	10"	10"	5

DOUBLE VOLUTE

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



Performances shown are for cool water, close-coupled electric configuration with packing. Capacities shown are based on 35% efficiency and are horsepower and/or performance adjustments.

NEW PAGE

10RBVA

12/15/99

KamalBlower Solutions LLC

10RB - VARIOUS RPM