



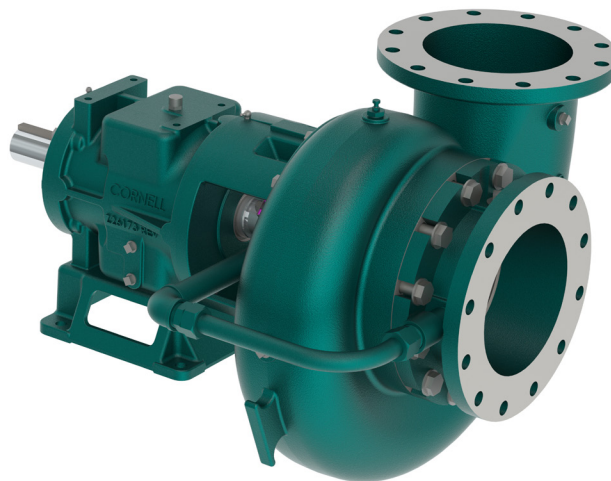
10YBQ-F

AVAILABLE MOUNTING CONFIGURATIONS

10YBQ-RP REDI-PRIME FRAME MOUNT
10YBQ FRAME MOUNT
10YBQ-RP-EM REDI-PRIME ENGINE MOUNT
10YBQ-EM ENGINE MOUNT
10YBQ-VM VERTICAL CLOSE COUPLED
10YBQ-VF VERTICAL FRAME MOUNT
10YBQ-VC VERTICAL COUPLED
10YBQ-CC CLOSE COUPLED

OPERATING LEVELS

MIN FLOW	900 GPM	204.4 m ³ /h
MAX FLOW	6900 GPM	1567.2 m ³ /h
DISCHARGE SIZE	10"	254 mm
SUCTION SIZE	10"	254 mm
SOLIDS HANDLING	1.38"	35.1 mm
MAX SPEED	2400 RPM	2400 RPM
SHUT-OFF HEAD	207'	63.1 m
BEP HEAD	125'	38.1 m
BEP FLOW	5300 GPM	1203.8 m ³ /h
BEP PERCENT	77%	77%



A typical picture of the pump is shown. Please contact Cornell Pump Company for further details. All information is approximate and for general guidance only.

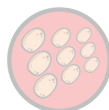
PARTS	CAST IRON BRONZE FITTED (STANDARD)	ALL IRON
IMPELLER	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
VOLUTE	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
SHAFT	SAE 1144 "STRESSPROOF" STEEL	SAE 1144 "STRESSPROOF" STEEL
SHAFT SLEEVE	BRONZE SAE 660	416 STAINLESS STEEL
BEARING HOUSING	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
WEAR RINGS	BRONZE SAE 660	CAST IRON ASTM A48 CL30
SUCTION SPOOL	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
BACKPLATE	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
MECHANICAL SEAL (OPTIONAL)	T-1 BUNA, CARBON/CERAMIC/STAINLESS	T-1 VITON, CARBON/CERAMIC/STAINLESS
PACKING	GRAPHITED ACRYLIC	GRAPHITED ACRYLIC

The 10YBQ-F pump is designed with Cornell's renowned quality and durability. It features a 10" discharge, 10" suction, and enclosed impeller. Available in Cast Iron Bronze Fitted or All Iron materials. Packing is standard; Cornell's Cycloseal® mechanical sealing system is optional.

- External hydraulic balance line
- Back pull-out design
- Replaceable suction wear rings and shaft sleeve
- High efficiency hydraulics
- Low operating costs
- SAE #1, 2, & 3 engine mount available to fit
- Modular bearing frame
- Oversized shaft and bearings
- Other mechanical seal options available (optional)
- Two-year warranty



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



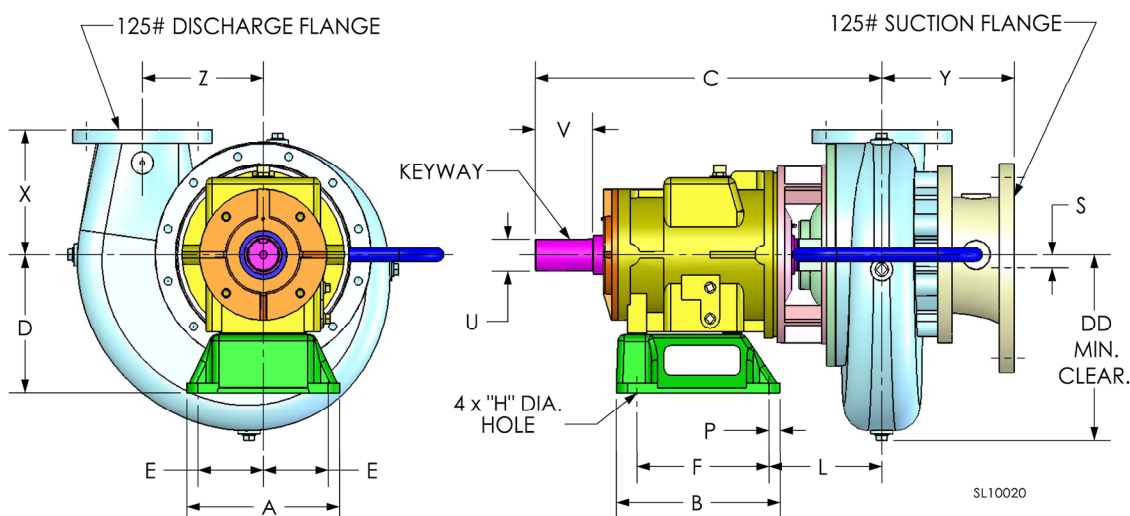
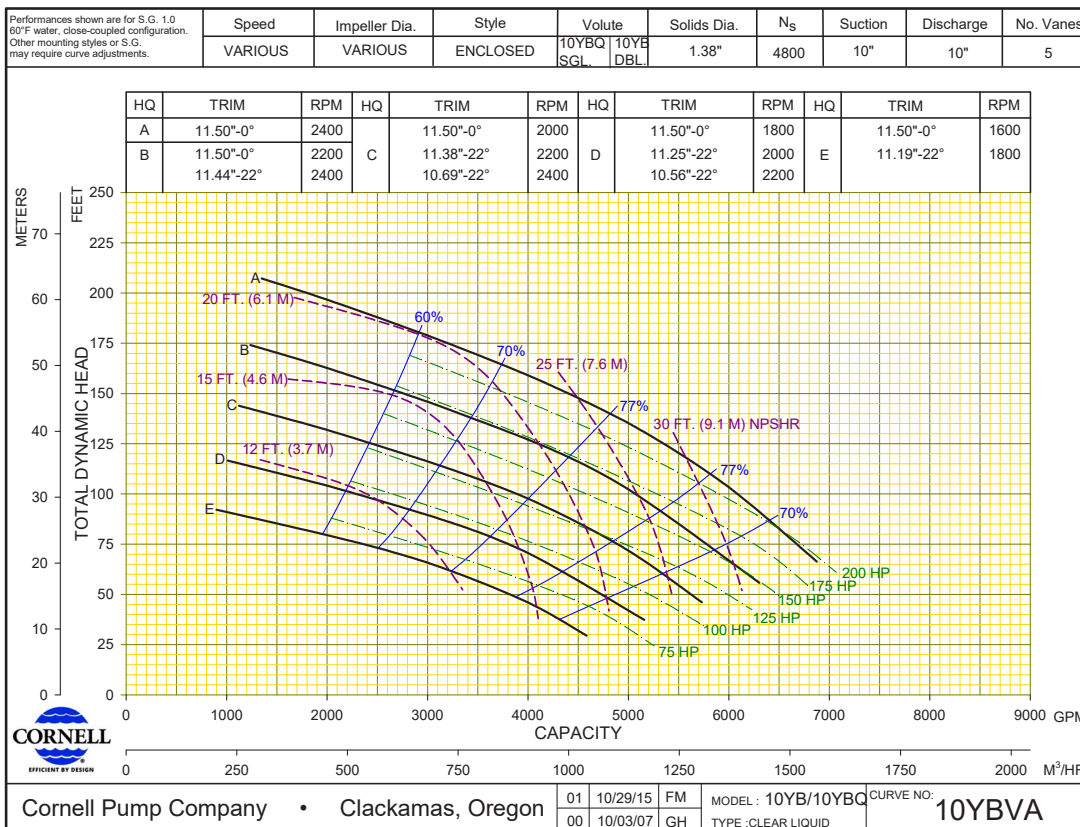
REFRIGERATION



RENTAL



10YBQ-F



PUMP DIMENSIONS																					
MODEL	FRAME	CONNECTION		DISCH.	A	B	C	D	DD	E	F	H	L	P	S	U	V	X	Y	Z	KEYWAY
		DISCH.	SUCT.	INCR.																	
10YBQ	F18/DB	10	10	90°	12	12.88	30.77	10.5	18.25	5.12	10.38	0.81	12.41	0.88	-	2.5	4.5	11	10.7	12.5	.62X.31