



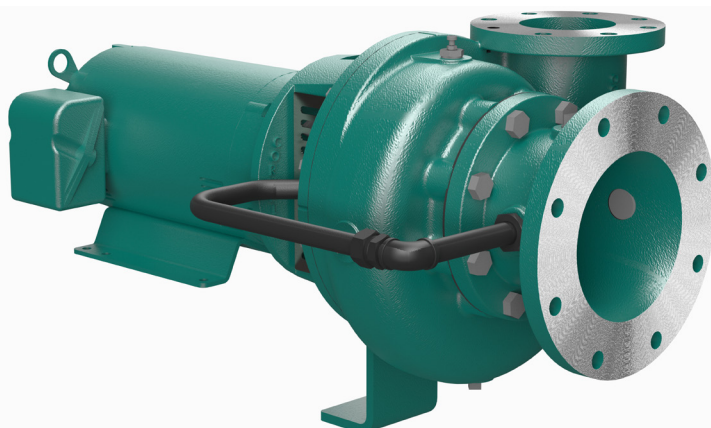
5WBH-CC

AVAILABLE MOUNTING CONFIGURATIONS

5WBH-CC CLOSE-COUPLED
5WBH-VC VERTICAL CLOSE-COUPLED

OPERATING LEVELS

MIN FLOW	440 GPM	99.94 m3/h
MAX FLOW	1,600 GPM	363.40 m3/h
DISCHARGE SIZE	5"	127 mm
SUCTION SIZE	8"	203.2 mm
MAX SPEED	1,800 RPM	1,800 RPM
SOLIDS HANDLING	.75"	19.05 mm
MAX PRESSURE	175 PSID	1,206.58 kPa
SHUT-OFF HEAD	82' @ 35.50 PSID	25.0 m @ 244.76 kPa
BEP HEAD	50' @ 21.65 PSID	15.24 m @ 149.27 kPa
BEP FLOW	1,160 GPM	263.46 m3/h
BEP EFFICIENCY	83%	83%



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	ALL IRON
WEAR RING	BRONZE SAE 660	CAST IRON ASTM A48 CL30
IMPELLER	BRONZE SAE 40	CAST IRON ASTM A48 CL30
VOLUTE	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
SHAFT	CARBON STEEL	CARBON STEEL
SHAFT SLEEVE	BRONZE SAE 660	416 STAINLESS STEEL
PACKING	GRAPHITED ACRYLIC	GRAPHITED ACRYLIC
MECHANICAL SEAL	T-1, BUNA-CARBON/CERAMIC	T-1, BUNA-CARBON/CERAMIC
BACKPLATE	CAST IRON ASTM A48 CL30	CAST IRON ASTM A48 CL30
MOTOR	OPEN DRIPPROOF - STANDARD TEFC AND OTHERS - OPTIONAL	OPEN DRIPPROOF - STANDARD TEFC AND OTHERS - OPTIONAL

The 5WBH close coupled pump is designed with Cornell's renowned quality and durability. It features a 5" discharge and a 8" suction, enclosed multi-vane impeller, and flanged tangential double volute. Available in standard Cast-Iron Bronze Fitted or All Iron. Shower Curtain shield protects close coupled motor.

- Industry-leading two-year warranty
- Industry-leading efficiencies
- Standard cast iron bronze fitted construction
- External hydraulic balance line
- Back pull-out design
- Replaceable wear rings and shaft sleeve
- "Shower curtain shield" bearing protection
- Low operating costs
- RunDry™ option (Indefinite run dry capability)
- Optional Cycloseal w/ T-1 mechanical seal



AGRICULTURE



FOOD



INDUSTRIAL



MINING



MUNICIPAL



OIL & GAS



REFRIGERATION



RENTAL

5WBH-CC

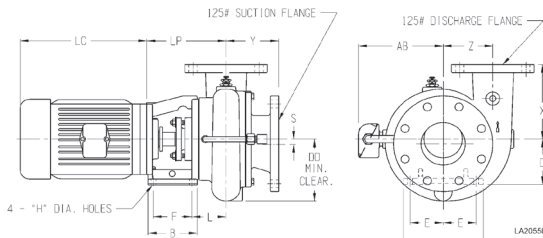


Fig 1

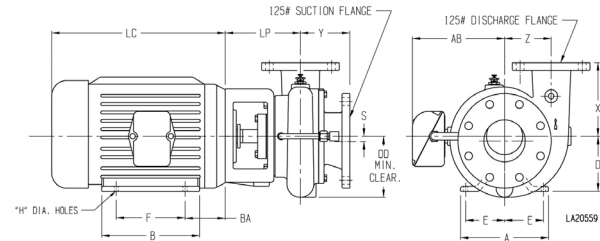
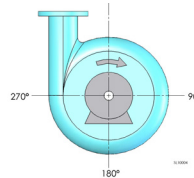


Fig. 2

NOTES:

1. Motor dimensions are for ODP motors and may vary depending on manufacturer.
2. Flange connection dimension can vary $\pm .12$ inch.
3. Do not use for construction unless certified.



NOTES:

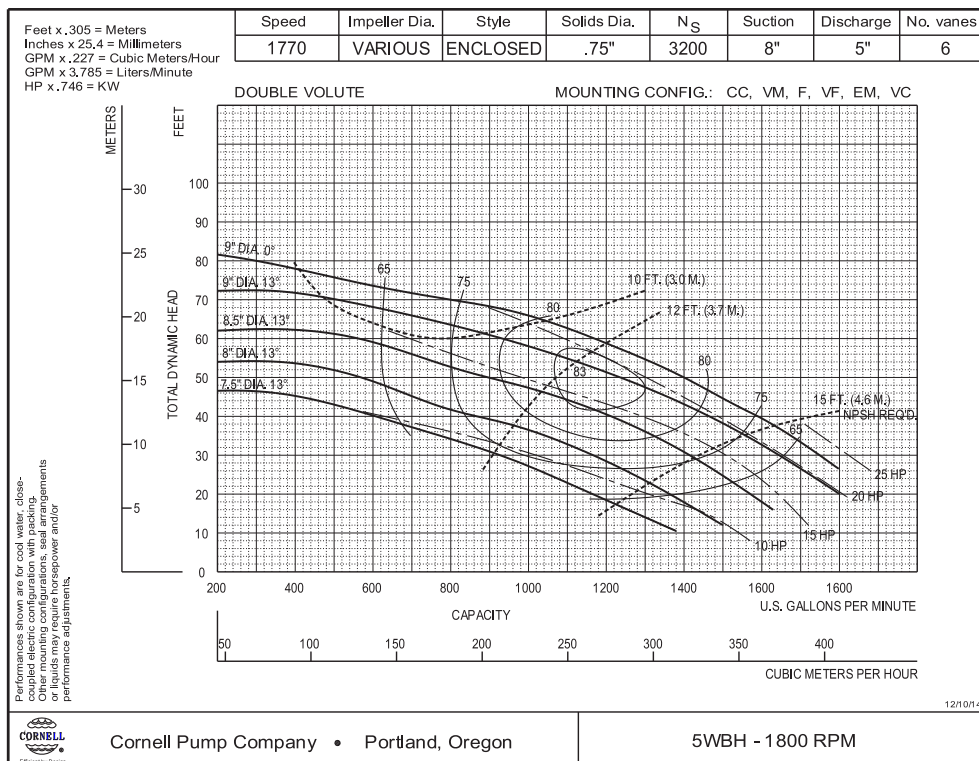
Discharge positions are viewed from the drive end. Standard increments of discharge position are shown in the chart below (DISCH INCR). Consult factory for other discharge positions.

(c) For 213 and larger motor frame.

(d) For 326 and larger motor frame.

PUMP DIMENSIONS												
MODE	CONNECTIC		DISCH. INCR	AK DIM.	Fig	DC	L	S	X	Y	Z	LP
	DISCH.	SUCT										
5WBH	5	8	90°	8.5	2	12.38	-	0.44	7.75	10.31	7.88	8.97
				12.5	2	12.38	-	0.55	7.75	10.31	7.88	8.97

MOTOR DIMENSION										
MOTO	AK	A	B	D	E	F	H	AE	BA	LC
FRAME	DIM.									
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



DS5WBHCC-250122