

SERIES LBV-40 / LBV-75, 215 & 315

EFFLUENT & SEWAGE VORTEX PUMP



Datasheet

Features
Performance Curves

Up to
59 ft.

Head

Up to
**159
US GPM**

Flow

1 HP

Horsepower

200°F

Max.
Temperature

MECHANICAL SEAL

John Crane suitable for particular service specified. Carbon rotating face and ceramic stationary seal are suitable for temperatures up to 250°F.

IMPELLER

One piece enclosed type, noryl, for high efficiency, precision balanced and accurately bored. The impeller is fastened to shaft the key, washer and stainless steel cap screw.

SHAFT

Stainless steel standard with short length minimizing deflection under load conditions.

QUICK DISCONNECT

Easy and quick removal and service of impeller and seal. Automatic Purge System: Liquid flows from the high pressure side of the impeller across the seal face to the low pressure eye of the impeller. Assures proper lubrication and venting.

MOTOR

Quiet NEMA TC Drip Proof or TEFC on most models. Can be rotated at 90° intervals for convenient junction box location.

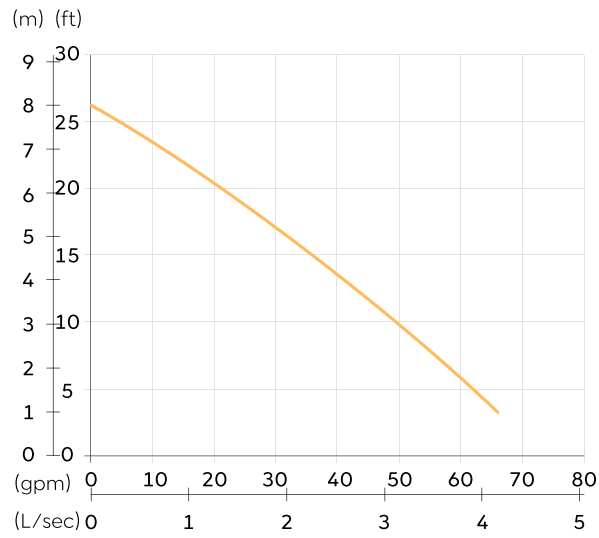
SPEED

1150, 1750 and 3450 RPM.

MOTOR BRACKET

Closed grained cast iron with stainless steel backplate, heavy section, machined to register for perfect alignment.

Performance Curve



Dimensions

DIMENSIONS		
A	345 mm	13.6 in
B	395 mm	15.5 in
C	—	—
D	89 mm	3.5 in
E	243 mm	9.6 in
F	167 mm	6.6 in

