

SERIES 880RI

VERTICAL IN-LINE CENTRIFUGAL SPLIT COUPLING PUMP



Datasheet

Features
Performance Curves

Up to
650 ft.

Head

Up to
3000
US GPM

Flow

250 PSI

Max.
Pressure

300°F

Max.
Temperature

CASING

Close grained cast iron, heavy section volute type, containing both suction and discharge gauge connections. Casing is machined to register for a perfect alignment with coverplate.

MECHANICAL SEAL

John Crane suitable for particular service specified. Carbon rotating face and ceramic stationary seal are suitable for temperatures up to 250°F. A flushing connection can be supplied.

IMPELLER

One piece enclosed type, bronze, cast iron or stainless steel, for high efficiency, precision balanced and accurately bored. The impeller is fastened to shaft the key, washer and stainless steel cap screws.

SHAFT

Sleeve bronze with short length minimizing deflection under load conditions.

PUMP

Vertical in-line bronze fitted pump with closed coupled flanged cast iron casing, leak-proof mechanical shaft seal, large diameter corrosion resistant steel motor shaft, and bronze casing wearing. The mechanical seal permits handling temperatures up to 250°F. The pump is provided with an axial flow impeller enclosed within a cast bronze construction. The entire rotating assembly can be removed without disturbing the piping on some series.

MOTOR

Quiet Nema JM, TC, TD or TEFC standard or Open-Drip Proof available on most pump models. Can be rotated at 90° intervals for convenient junction box location.

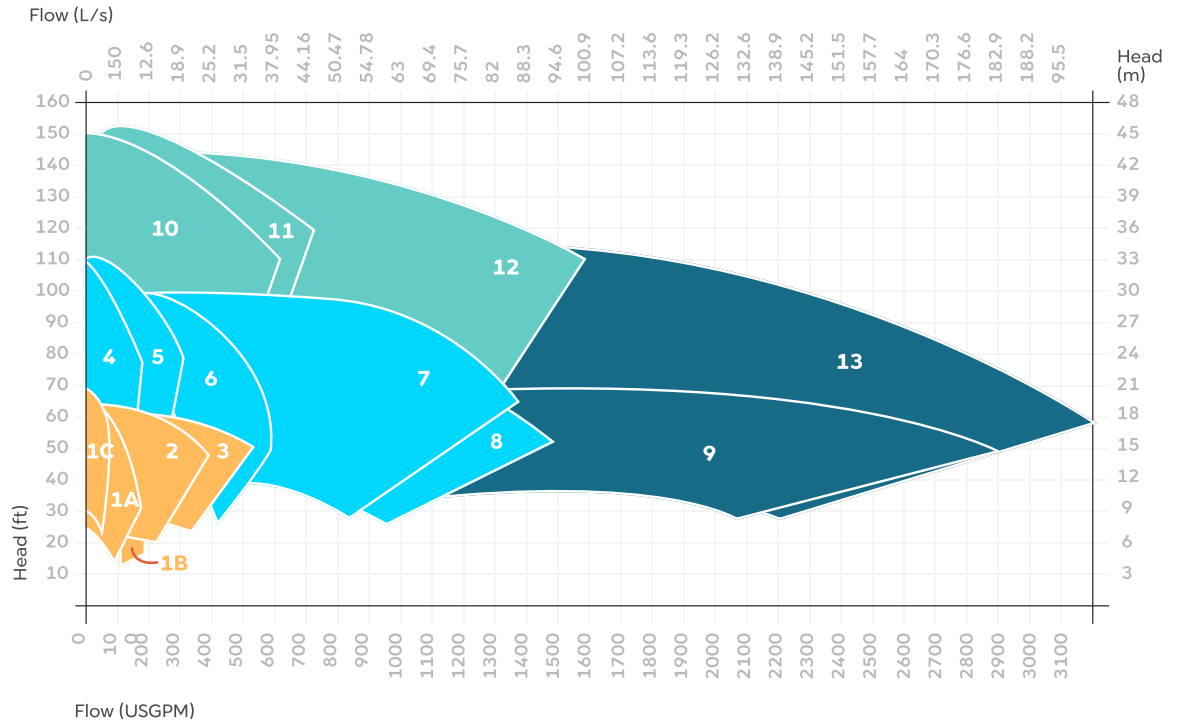
MOTOR BRACKET

Closed grained cast iron, heavy section, machined to register for perfect alignment.

Pump Models & Sizes

- 1A 2x2-8
- 1B 2x2-8 B
- 1C 2x2-8 LF
- 2 3x3-8
- 3 4x4-8
- 4 2x2-10
- 5 3x3-10
- 6 4x4-10
- 7 6x6-10
- 8 6x6-10 P
- 9 8x8-10 i
- 10 3x3-12
- 11 4x4-12
- 12 6x6-12
- 13 8x8-12 i

1750 RPM



3450 RPM

