

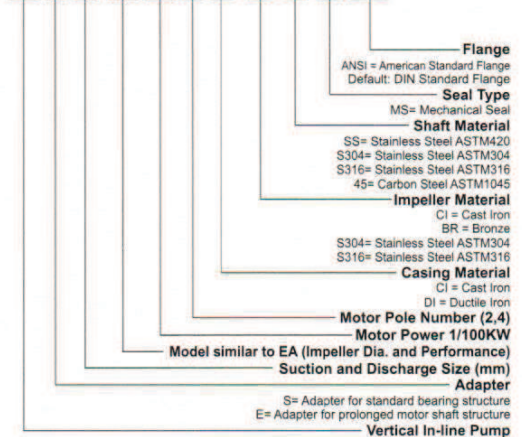


EG Series

Model Form

Example,

EG S 80-65 20-1850 2 - CI - BR - SS - MS - ANSI



Description

The **EG series** are a series of vertical in-line pumps designed according to the European Standard **BS EN733/DIN24255**. As in-line pumps they are used for pumping clean water or liquids similar to water, with wide application ranging from plants, mines, city water supplies, air-conditioning, to firefighting, cooling, environmental machinery, irrigation, and so on.

Pump performance can be adjusted into different levels through impeller trimming. Motor shaft is to be inserted into pump shaft for driving. This way of close-coupling ensures the alignment of pump and motor; meanwhile, pump impeller runs in good balance both dynamically and statically, therefore pump would be kept very well in operation. **EG S** pump uses IEC standard motor and pump can be assembled separately without motor. EG E pump requires a special motor with extra-long shaft. EG pumps are designed with air-bleeding device, advanced in structure, compact in size, less room-required for installation and easy to maintain.

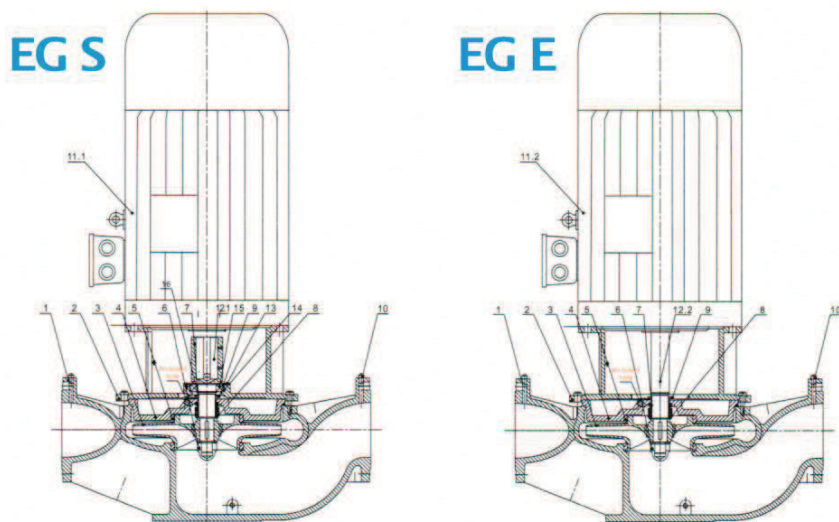
Specification

Design:	Performance referring to BS EN733/DIN24255 standard
Structure:	Vertical, Single-Stage, Single-Suction, Volute Casing, In-line, Centrifugal Pump
Flange:	DIN2501 (ISO7005.2 or GB/T17241.6 PN 1.6) standard, ANSI B16.5 Class1501b optional
Rotation:	Clockwise viewing from the drive side
Material:	Casing - Cast Iron standard, Ductile Iron optional Impeller - Bronze standard, Cast Iron, Stainless Steel optional Shaft - ASTM 420 standard, ASTM 304, ASTM 316, ASTM 1045 optional Shaft Seal - Mechanical Seal (Caron-Sic/Viton)

Operating Data:	
Flow Rate (Q):	2 - 450m ³ /h
Head (H):	2 - 100m
Speed:	1450 or 2900rpm (50Hz) 1750 or 3500rpm (60Hz)
Temperature:	- 10°C to 105°C
Working Pressure:	16 Bar standard

Structure Drawing

No.	Spare Part
1.	Volute Casing
2.	Adapter
3.	Impeller
4.	Casing Cover
5.	Wear Ring
6.	Impeller Nut
7.	Mechanical Seal
8.	Seal Seat
9.	Slinger
10.	Screw Plug
11.1	IEC Standard Motor
11.2	Extra-long Shaft Motor
12.1	Pump Shaft
12.2	Motor Shaft
13.	Bearing Cover
14.	Flexible Washer
15.	Bearing
16.	Circlip for Shaft

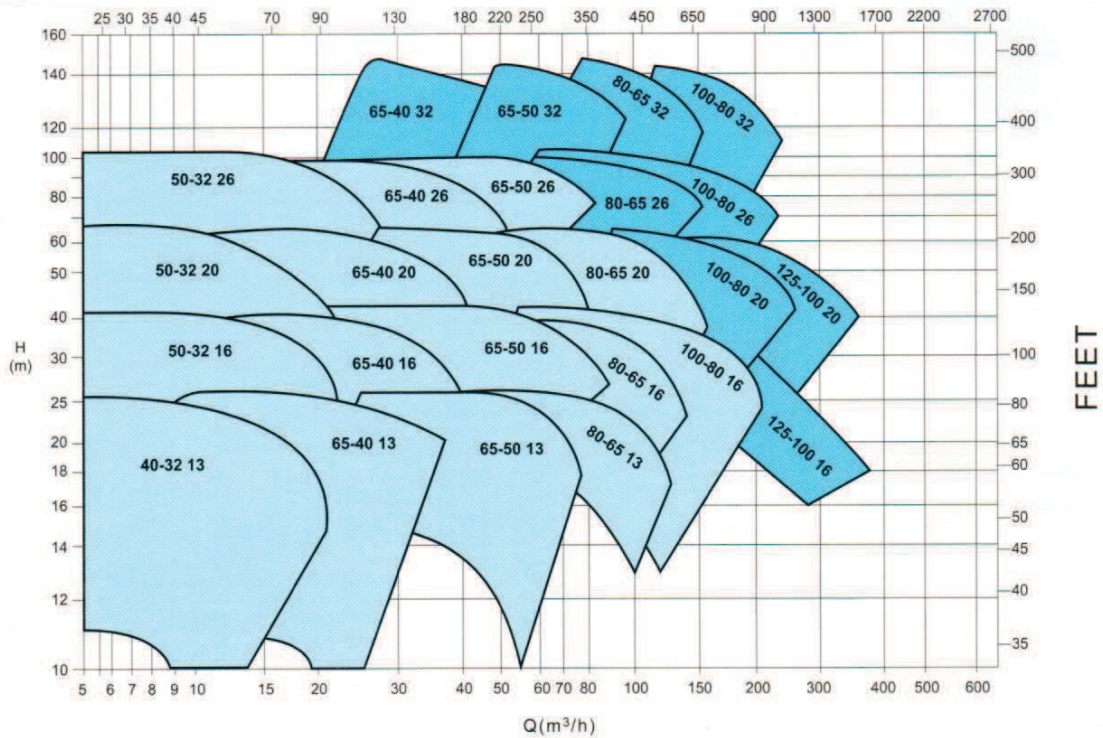


Location of Terminal Box for reference only.

EG Series-50HZ Performance

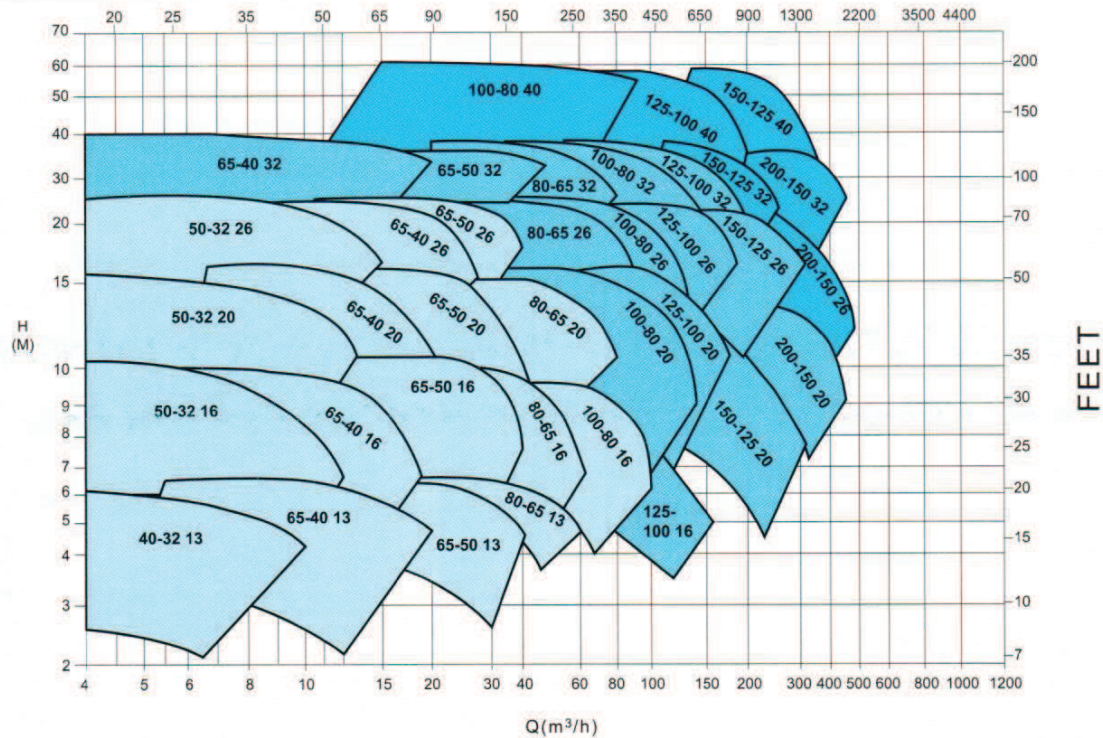
2900 RPM

I.G.P.M



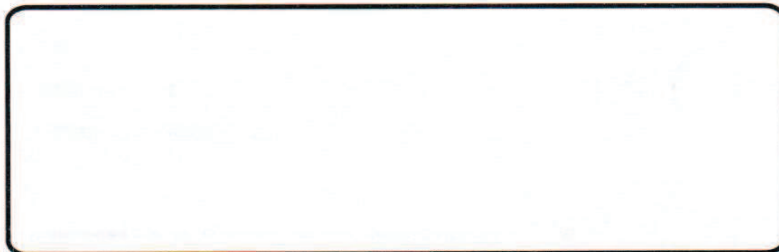
1450 RPM

I.G.P.M



:: TWO STAGE HIGH PRESURE PUMP ::

AUTHORIZED DISTRIBUTOR



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