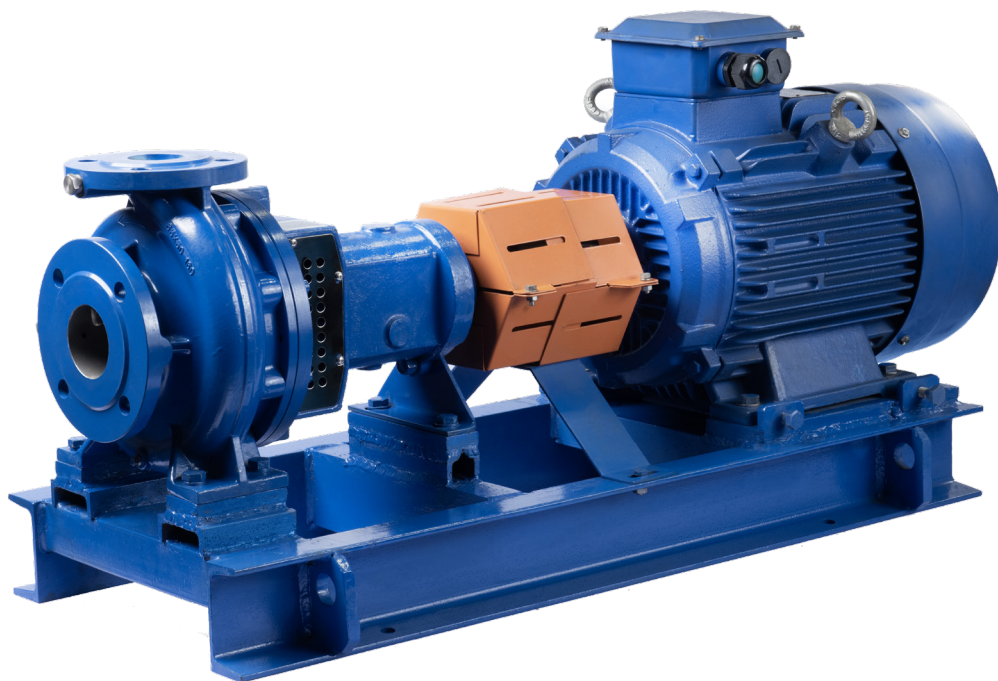




1710 Series ISO End Suction Pumps

Flexible, Efficient, and Easy to Maintain

The 1710 series pump is a flexible and highly efficient foot-mounted single-stage end-suction pump with back pull-out design. This pump has been designed with latest CAD (Computer Aided Design) and CFD (Computational Fluid Dynamics), and is manufactured with the best engineering practices worldwide.

Its versatile and highly efficient design allows for a broad range of pumping applications.

Features & Benefits

- Designed in accordance with **ISO 2858 standard**
- **Variety of configuration** options: compact, block and frame-mounted designs
- **Extensive material options** for casing and impeller, from bronze to super-duplex
- **Easy maintenance** and spare parts management (modular construction, back pull-out design)
- **Improved reliability** and **extended pump life** (robust construction, reduced stress on bearings)
- Standard wear rings which reduce wear and **lower maintenance costs**
- **Reduced life cycle cost** and optimized total ownership cost



We Go the Extra Mile for You

- Pre- and post-sales support
- Dedicated resources for projects and contractors
- Selection software for fast and easy configuration
- Best-in-class lead times

Applications



Water supply and boost pressure



Heating, ventilation and air-conditioning (HVAC)



Fire suppression



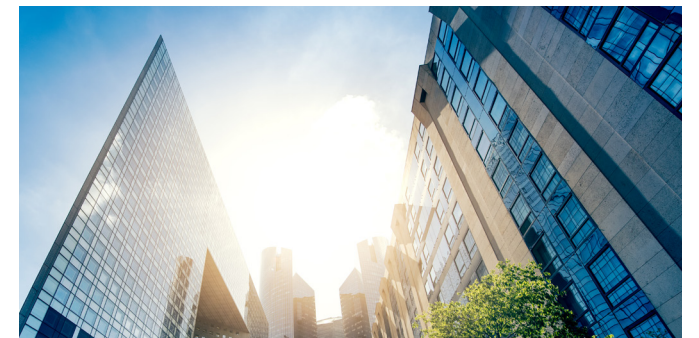
Industrial secondary process

Verticals

Agriculture & Irrigation



Commercial Buildings



Data Center



Energy & Power



Food & Beverage



General Light Industries



Oil & Gas



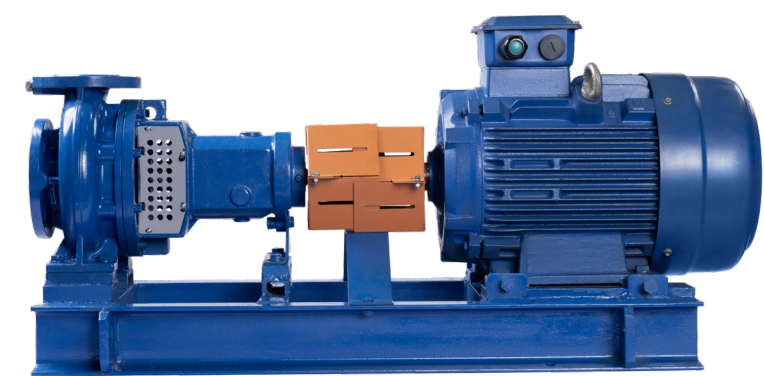
Residential



Construction Type

Frame-Mounted

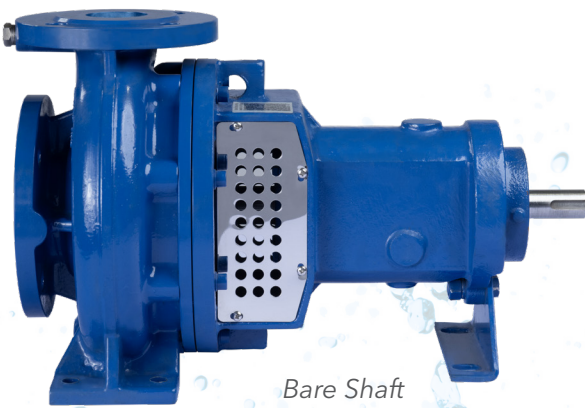
Flexible-coupled with bracket, support, flexing coupling (spacer coupling available on demand), aligning and anchoring base.



Frame-Mounted

Bare Shaft

Version without driver suitable to be coupled with a standard electric motor.



Bare Shaft

Stub Shaft

Rigid-coupled with a bracket, an adapter and a rigid coupling keyed to the standard motor shaft extension.



Stub Shaft

Product Specifications

Flow	Up to 2100 m³/h
Head	Up to 160 m
Power Supply	Single-phase and Three-phase 50Hz and 60Hz
Power	Standard motors from 0.55kW to 200kW
Maximum operating pressure	PN16 and PN25 (optional)
Temperature of pumped liquid	-15°C to +120°C standard version
Protection	IP55
Insulation class	F
Motor rating	IE3
Motor speed	2-pole and 4-pole

Materials

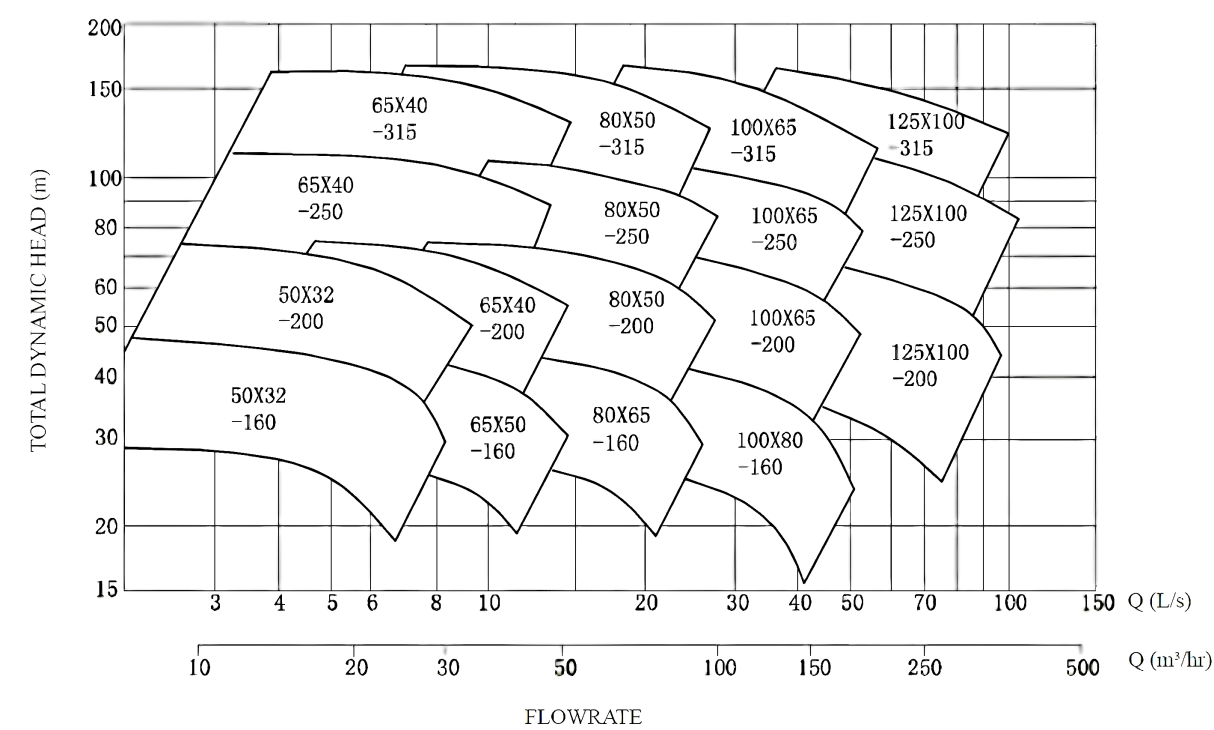
Component	Standard Option	Other Available Options			
Casing	Cast iron	Ductile iron	304 SS	316 SS	Super duplex
Shaft (seal on shaft)	420 SS	Duplex SS			
Shaft (seal on sleeve)*	420 SS	4135			
Impeller	304 SS	Bronze C87600		316 SS	Super duplex
Casing wear rings	Bronze C90300	304 SS		316SS	Super duplex
Mechanical seal	Carbon/Ceramic/FPM	SiC/SiC/FPM			
Shaft sleeves*	304 SS	316 SS		Duplex SS	
Shaft sleeve nuts*	304 SS	316 SS		Duplex SS	
Packing*	PTFE	-			
Lantern ring*	304 SS	-			
Seal flush lines*	304 SS	316 SS			

*Available for Gland Packing - an alternative option to Mechanical Seal

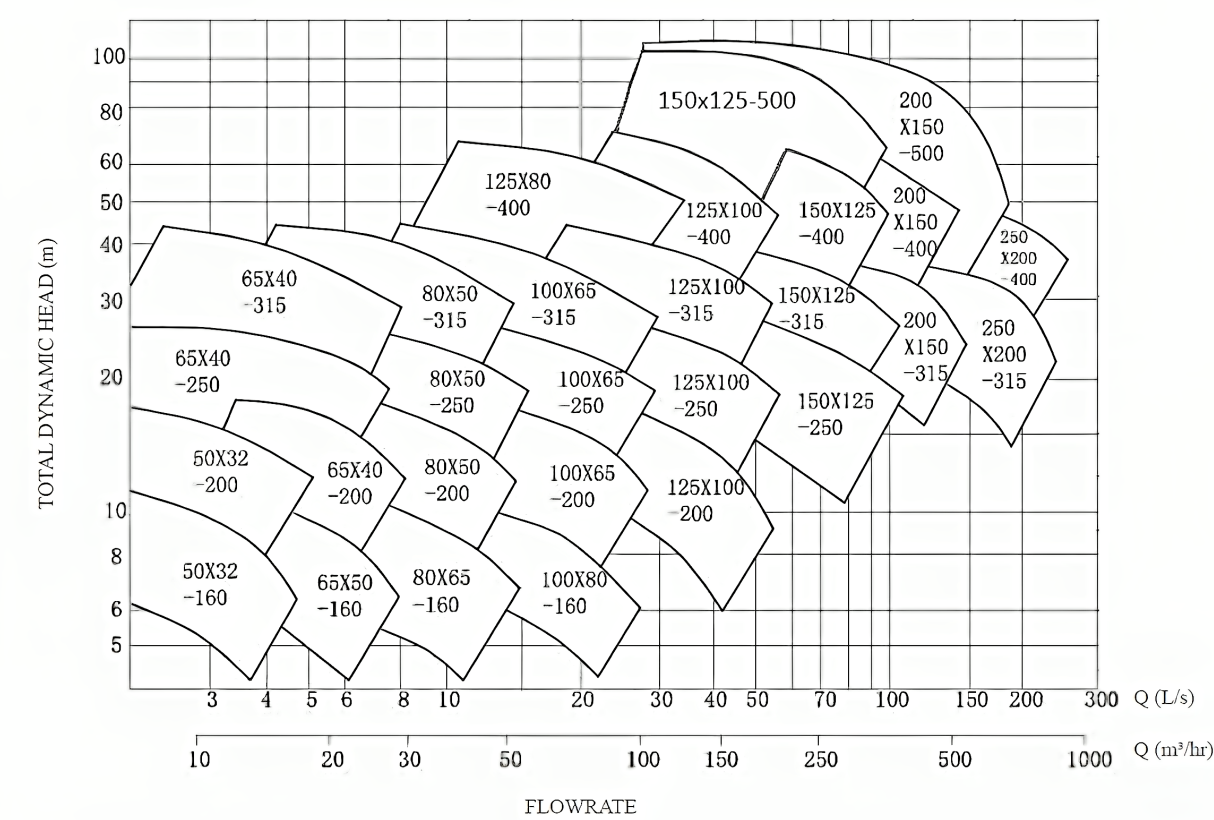


50Hz Performance Range

2900 rpm

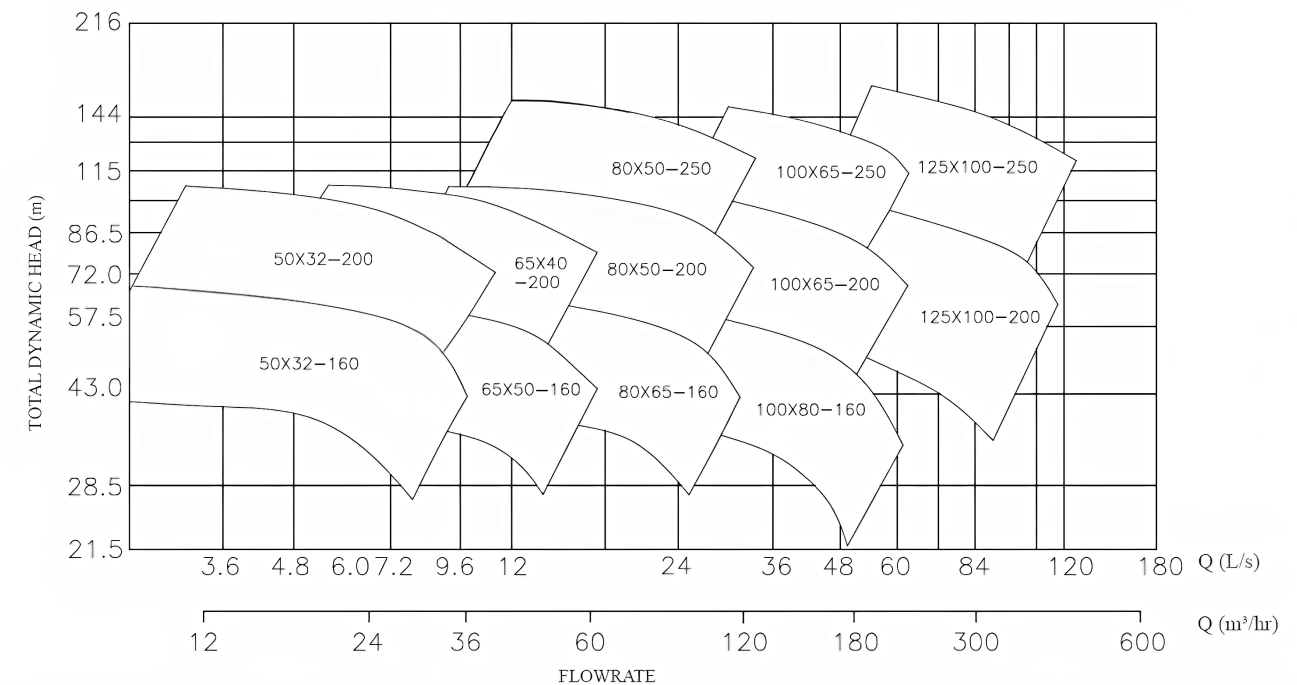


1450 rpm

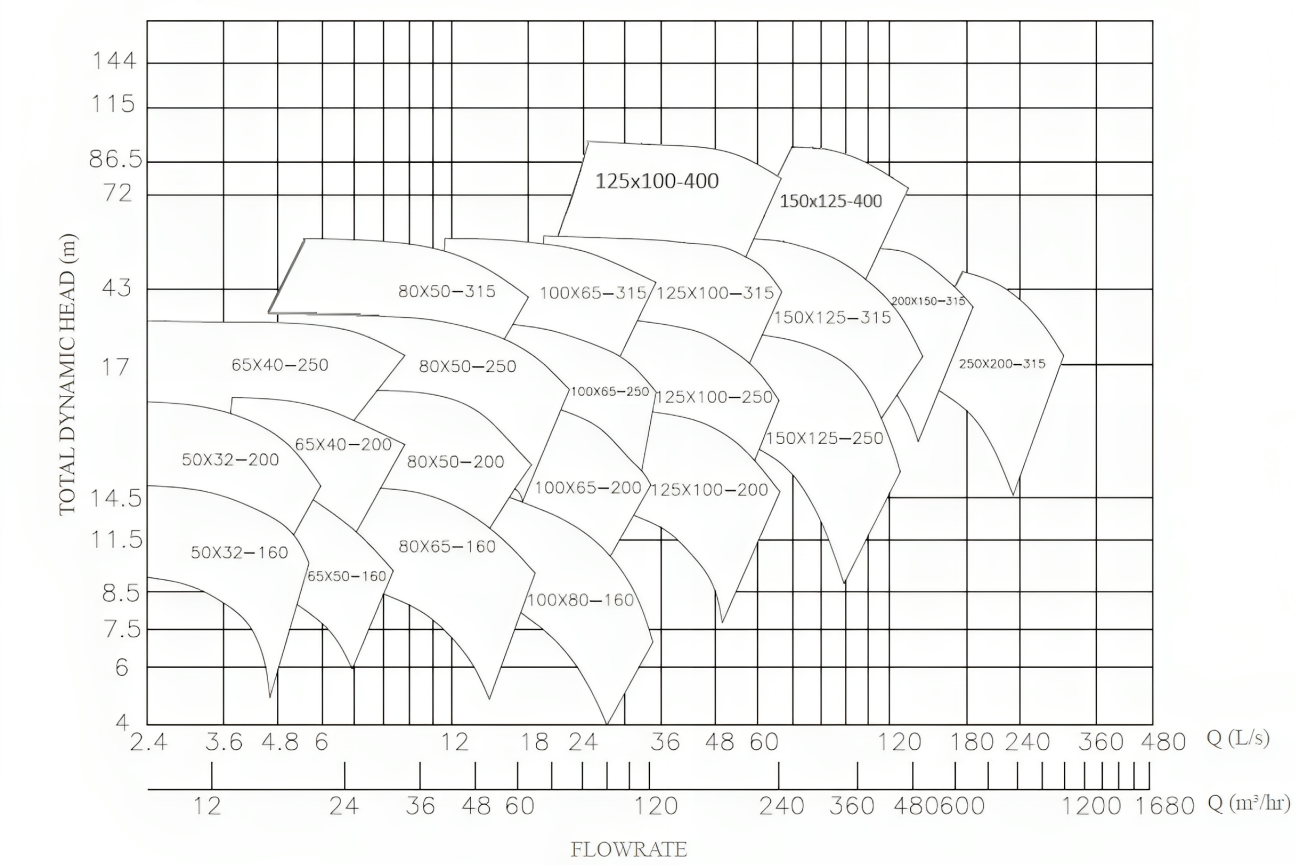


60Hz Performance Range

3500 rpm



1750 rpm



Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots;
- 2) a leading global water technology company.

We're a global team unified in a common purpose: creating advanced technology solutions to the world's water challenges. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. Our products and services move, treat, analyze, monitor and return water to the environment, in public utility, industrial, residential and commercial building services settings. Xylem also provides a leading portfolio of smart metering, network technologies and advanced analytics solutions for water, electric and gas utilities. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise with a strong focus on developing comprehensive, sustainable solutions.

For more information on how Xylem can help you, go to www.xylem.com



Regional Headquarters

Xylem Water Solutions Singapore Pte Ltd
3A International Business Park
Tower B, #10-10/18, ICON@IBP
Singapore 609935
xylem.asia@xylem.com

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