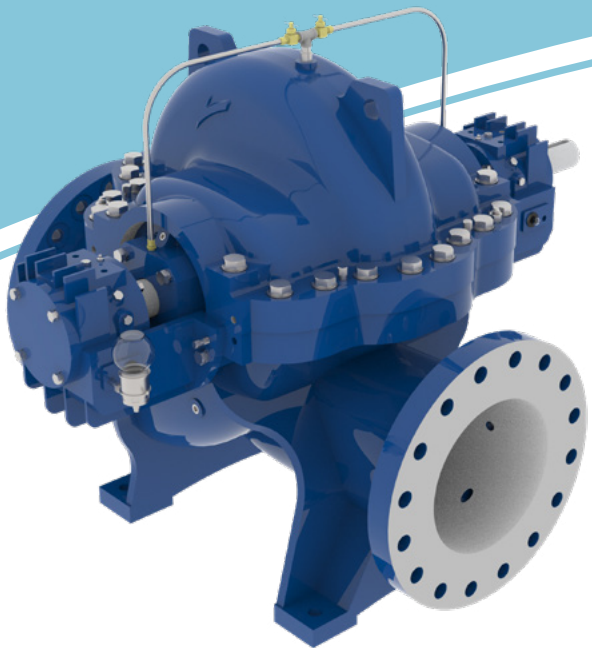




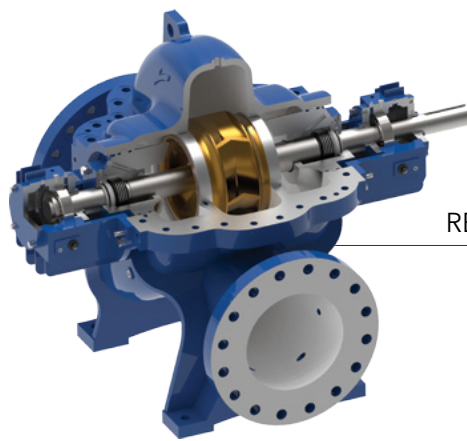
# Power through your toughest challenges.

DISCOVER THE EXC SINGLE STAGE, DOUBLE SUCTION CENTRIFUGAL PUMP.



# Xylem eXC single stage, double suction centrifugal pump

Designed and manufactured by the global leader in pumping technology, the **Xylem eXC single stage, double suction centrifugal pump** provides a more powerful and efficient solution for a wide range of industrial applications including oil & gas, power generation, general industry, and mining.



REPLACES »

8100

8300

9100

It is a configurable single-stage horizontal split-case pump with extensive flow and head coverage and a common in-line configuration for easier installation of new and retrofit pumping systems. Coupled with a complete range of materials of construction to choose from, this pumping solution is here to meet your performance demands at the best value.

Backed by more than 170 years of experience, our application and process experts working in conjunction with our customers to ensure the proper solution is selected and appropriately designed for the industrial challenges you face. **Contact us today and see what we can do for you!**

## APPLICATIONS:

- Water intake
- Water transfer & circulation
- Pressure boosting
- Process cooling and heating
- Industrial building cooling and heating
- Industrial fluid transfer & transport
- Produced water transfer & boosting
- Boiler feed booster
- Water park applications

## PUMPABLE FLUIDS INCLUDE:

- Groundwater
- Potable water
- Process water
- Gray/used water
- Seawater
- Brackish water
- Industrial fluids
- Heat transfer fluids
- Produced water
- Solvents/oil

If your process is not listed above, please contact our experts at [xylem.com/industrial](http://xylem.com/industrial).

## Technical Overview:

- Number of sizes: 142
- Maximum flow: 10,047 m<sup>3</sup>/h.
- Maximum head: 162 m.
- Flow discharge: up to 800 mm
- Nominal pressure: 10/16 Bar up to 25 Bar and 40 on some sizes
- Flange pressure: according to nominal pressure
- Temperature range: -20°C to 120°C
- Available in 50Hz and 60Hz
- MR1 or MR2 mechanical seal with shaft sleeve standard with optional packing (MR5 and MR7 cartridge mechanical seal options available)
- Eight (8) standard alignment jacking screws for easier motor alignment (NEMA 215 motor frame size and larger)
- Materials of construction

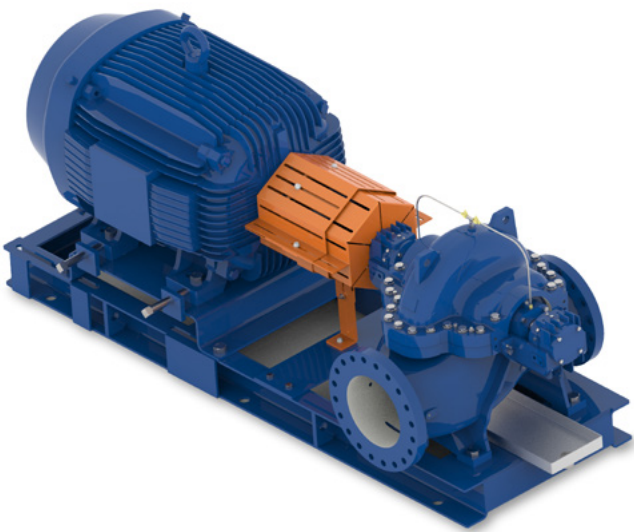
Component	Standard Option		Other Available Options			
	Cast Iron NO.35	Ductile Iron 65-45-12	SS 316	SS Duplex	Super Duplex	
Casing	Cast Iron NO.35	Ductile Iron 65-45-12	SS 316	SS Duplex	Super Duplex	
Shaft (seal on shaft) <sup>1</sup>	SS 420		SS Duplex			
Shaft (seal on sleeve)	5140		4135			
Impeller	SS 304		SS 304L	SS 316	SS 316L	SS Duplex Super Duplex
Casing wear rings	Bronze C90300		SS 304	SS 316	SS Duplex	Super Duplex Nitronic 60
Imp. wear rings	SS 304		SS 304L	SS 316	SS 316L	SS Duplex Super Duplex
Shaft sleeves	SS 304		SS 316		SS Duplex	
Shaft sleeve nuts	SS 304		SS 316		SS Duplex	
Packing <sup>1</sup>	Style 608D Graphite		-			
Lantern ring <sup>1</sup>	PTFE		-			
Seal flush lines	SS 304	SS 316	Nylon			
Mechanical seal type <sup>2</sup>	MR2	MR1	MR5		MR7	
Other casted components	Cast Iron NO.30		-			
Bearings	Steel		-			
Bolts	Steel		-			
Pipe Plugs	Steel		-			
"O" Rings	Rubber (FKM)		-			
Gaskets	Fish Paper		-			
Retaining ring	SS 304		-			
Shoulder rings	Steel		-			
Protective Guard	Steel		-			

<sup>1</sup> Optional component with a standard material configuration

<sup>2</sup> For mechanical seal material configuration details, see 'Mechanical Seals' section

## Features and Benefits

- **More powerful:** As a replacement to the legacy AC Series 8100, 8300, and 9100 pumps and with a top end flow rate of up to 10,047 gpm, the e-XC can easily handle medium and large capacity systems and higher head. For even larger applications, Xylem's AC Custom pump range is available to meet any customer's needs.
- **Tailor Made:** Full range of standard materials including duplex and super duplex plus engineered to order options.
- **Longer running life:** Thanks to a shorter shaft, this pump can run up to 3 times longer (L10 100,000 hours) before the bearings need to be changed.
- **Peace of Mind:** With optional temperature and vibration sensors on the bearing bracket, real time measurement is available to help predict maintenance needs. Spare rotating elements and parts kits are available.
- **True partners:** Through rugged engineering backed by Xylem's responsive, knowledgeable distribution network, this pump is designed to give you the long lasting and reliable service that you expect.



## Selection Tool

Using **Xylem's Xylect selection software** for pump selection will save you time due to its easy to use platform and selection flexibility. With ability to be designed and configured in a multitude of ways, the Xylem eXC single stage, double suction centrifugal pump is available in a variety of sizes, models and materials which allow you to perfectly configure it for your system requirements.

