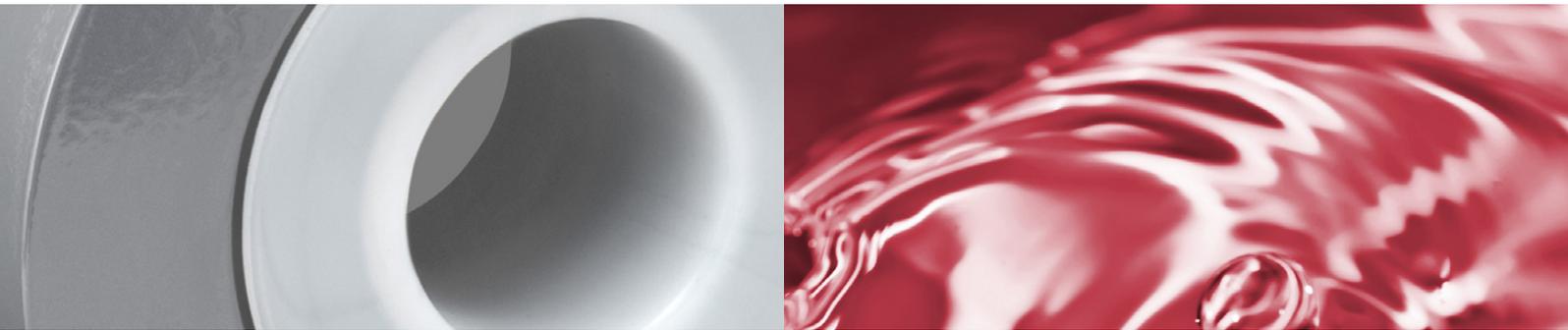


EB

PFA Lined Double Mechanical Seal Chemical Process Pump



Fitted with a double mechanical seal, the EB pump is ideal to meet the stringent requirements of chemical processing and a multitude of other industries. This highly advanced and extremely energy efficient pump can handle corrosive fluids reliably and absolutely safely.

The pump casing has a thick, heavy-duty, corrosion- and permeation-resistant PFA lining positively, mechanically locked into the metal armour, ensuring vacuum resistance. This armour absorbs all mechanical stresses that can result from system pressure or piping nozzle loads. Featuring a metal core for increased mechanical strength, the non-clog, wear-resistant open impeller delivers low NPSH and superior efficiency.

CP developed the FuturaTef® double mechanical seal system for handling fluids with a high solids content. Centrifugal force and the special pump design direct solids away from the mechanical seal. FuturaTef® is completely metal-free on the wetted side. Its external arrangement prevents the mechanical seal parts from clogging.

The EB is designed as a modular system constructed with very robust components. The pump shaft is located in an oil-lubricated bearing frame. A wide array of options is available for the EB.

Its connection dimensions and performance data conform to DIN EN ISO 2858, making the EB easy to retrofit into any installation to replace old pumps.

Configurations

Bearing-frame

Mounts

- Baseplate

Casing materials

- Cast iron (GGG 40.3)/vacuum-tight PFA lining

Pump protection

- Engine load sensor

Industries, processes and fluids

Learn more about typical applications:





Technical data

Capacities (min./max.)	0.5 to 400 m ³ /h 2.2 to 1761.2 gpm
Heads (min./max.)	5 to 100 m 16.4 to 328.1 ft
Temperatures (min./max.)	-20 to +150°C -4 to +302°F
Kinematic viscosities	0.5 to 350 mm ² /s cSt
Solids handling	after technical clarification

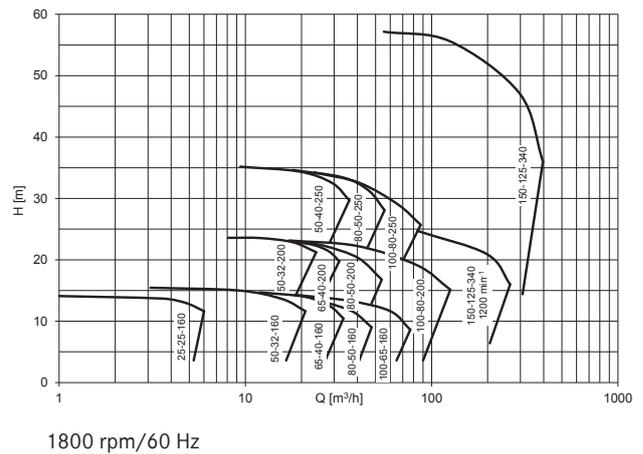
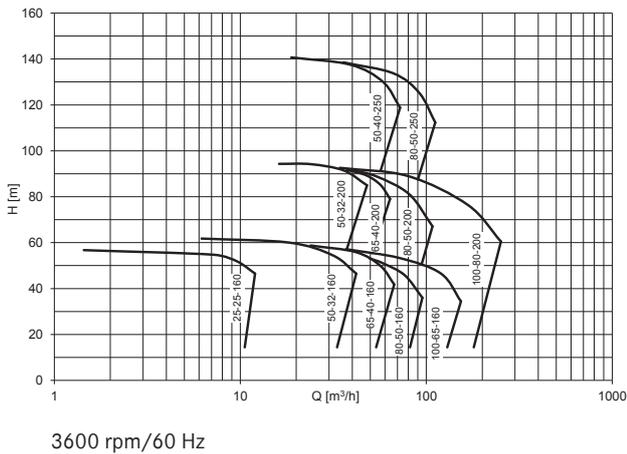
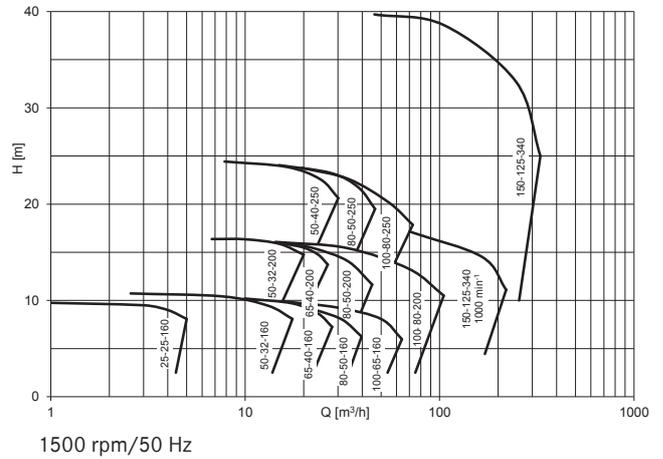
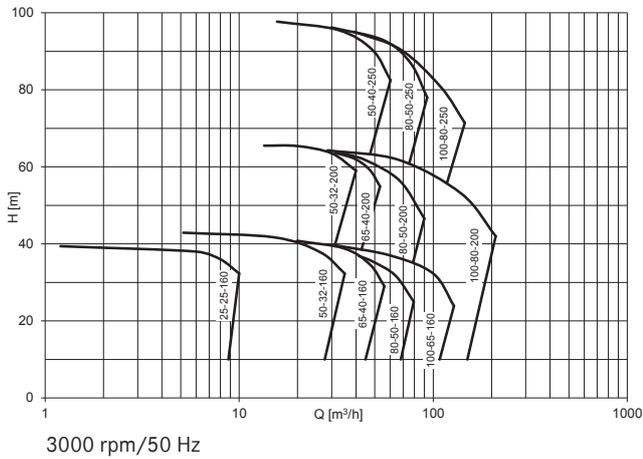
Directives and standards

EC Machinery Directive

EC ATEX Directive

DIN EN ISO 2858

DIN EN ISO 5199



Find your local CP distributor on www.cp-pumps.com or contact CP directly:
+41 62 746 85 85/info@cp-pumps.com

