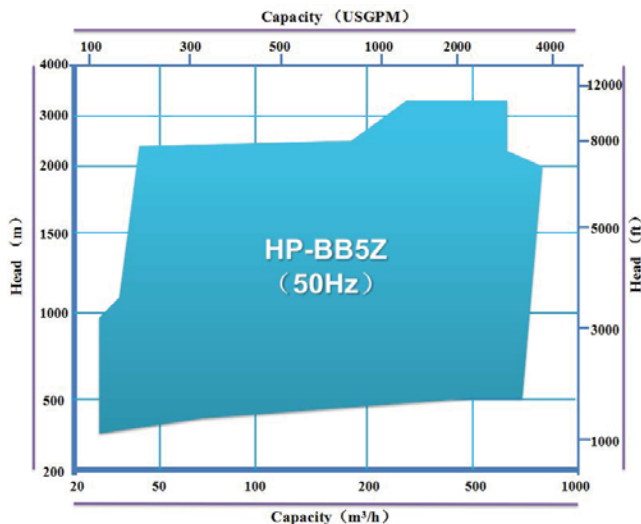


Operating Data

Standard: API610–2010 (ISO 13709)
 Capacity: 3 to 800m³/h
 Head: up to 3200m
 Pressure: up to 400bar
 Temperature: – 80°C to +450°C

Typical Applications

The BB5Z pump is suitable for petroleum, refined oil, liquefied petroleum gas, light hydrocarbons, clean or flammable and explosive, toxic fluids. The BB5Z pump typically can be used as hydrogenation feed pump and radiation feed pump of refinery, phosphorus removal pump and decoking pump of Steel mill.



General

The BB5Z is a horizontal, heavy duty, radial split of inner pump casing, multistage, double casing centrifugal pump with both-end mounted, which comply with the requirements of API610 and ISO13709. It is normally centerline supported for thermal stability and maximum nozzle load capacity.

Benefiting from present high pressure pump structure, HP-BB5Z has been further improved by years of operational experience in the field. Reliable and mature structure makes the pump easier to maintain and has high operational reliability.

The BB5Z has a particular self-balancing structure. Without the extra balance system like general multistage centrifugal pump, the HP-BB5Z is more safety and more reliable when pumping fluids with solid particles.

The whole pump core (core package) can be replaced within 8 hours. And all the maintenance and replacement parts can be done without removing inlet and outlet pipes and motor.