

# APEX ESL Large Horizontal End-Suction Pump

## FEATURES

- ◆ Provides optimum coverage of duties for flow beyond ISO2858 end suction pumps
- ◆ High head pumps include a double volute to reduce radial loads
- ◆ Stable head-capacity with high efficiency
- ◆ Foot and centreline mounting options
- ◆ Oil lubricated bearing option

## BENEFITS

- ◆ Comprehensive range with 31 sizes
- ◆ Supplied bareshaft or with IE3 motors for energy saving
- ◆ Engineered bedplate design

## OPERATING RANGE

- ◆ Maximum flow: rates up to 3200 m<sup>3</sup>/hr
- ◆ Head: up to 200m
- ◆ RPM: Up to 1800
- ◆ Discharge flange sizes 150mm – 400mm
- ◆ Flange ratings  
BS4504 PN16, BS4504 PN25, BS4504 PN40,  
ANSI 150RF or 300RF

## APPLICATIONS

- General industrial services
- water supply
- water treatment
- power generation
- fire protection
- metal manufacturing
- mine dewatering
- irrigation
- desalination

## WORKING PRESSURE

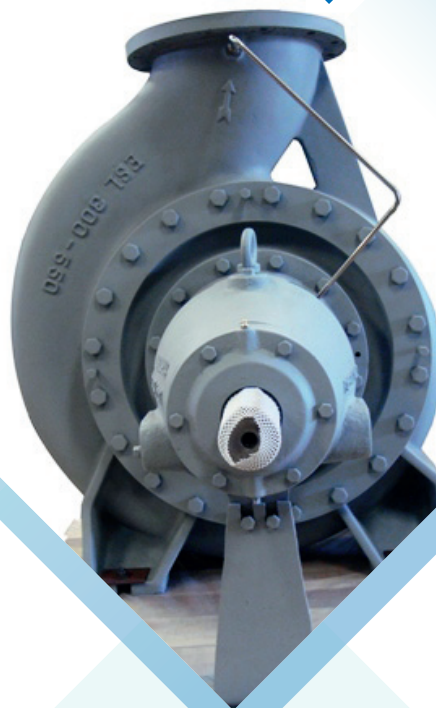
All pumps are hydrostatically tested to 1.5 times the rated working pressure.

## MECHANICAL SEAL

Virtually any make and type of single, double or cartridge mechanical seal and packed gland options.

## SPARE PARTS

All ISFC pumps are fully supported by a generous inventory of spare parts available from stock.



## MATERIALS

Castings in a variety of materials are produced in the company's own ISO 9001 foundry in Bristol, using the Replicast method to produce porosity free castings by shell moulding. Castings can meet Norsok and NACE MR0103 standards where required.

Cast Iron

Ductile Iron

Cast steel

Stainless Steel

Ni Resist

Other grades available on request.

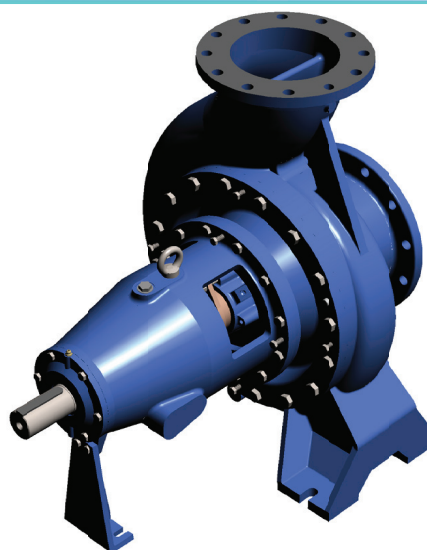
BS-1561:2011

ISO 1083:2005

ASTM A216 Grade WCB

ASTM A351 CF8M

A436 Type 1



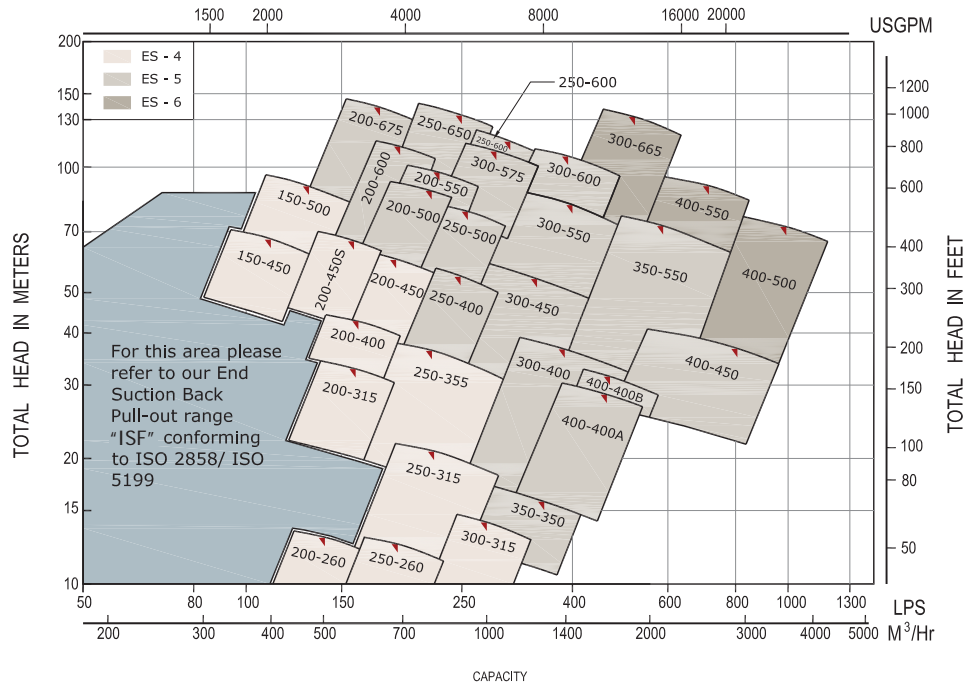
# APEX ESL Range Charts 50hz & 60hz

ESL RANGE

## RANGE CHART OF END SUCTION PUMPS-SERIES ESL

SINGLE STAGE END SUCTION PUMPS WITH SINGLE ENTRY IMPELLERS  
SPEED 1500 RPM - 50Hz , 4POLE

Doc No.: PSF/RAN/ESL/1500/R2  
Date.: 09/12/2016



ESL RANGE

## RANGE CHART OF END SUCTION PUMPS-SERIES ESL

SINGLE STAGE END SUCTION PUMPS WITH SINGLE ENTRY IMPELLERS  
SPEED 1800 RPM - 60Hz , 4POLE

Doc No.: PSF/RAN/ESL/1800/R2  
Date.: 09/12/2016

