

FEATURES

- Increased pump capacity without additional horsepower input, well-suited for larger geothermal, water well, and mining applications
- Erosion Buster® exclusive technology provides abrasion resistance
- Octolock™ interconnecting diffusers provide anti-rotation protection
- Exclusive spiral groove tungsten carbide bearings for mitigation of scale buildup
- Abrasion-resistant XRange® compression (XRC) bearing system allows for a wide operating range

BENEFITS

- Boost production from existing wells
- ~15% increased efficiency at BEP when compared to other 700 series pump offerings
- Reduce drilling and completion cost by using smaller casing size
- Insert tie back casing without compromising flow rates
- Increased run life in abrasive applications
- Achieve optimized efficiency when coupled with [GeoESP® Intake](#)

TIGER SHARK PUMPS

Tiger Shark® SL58000 750 series pump

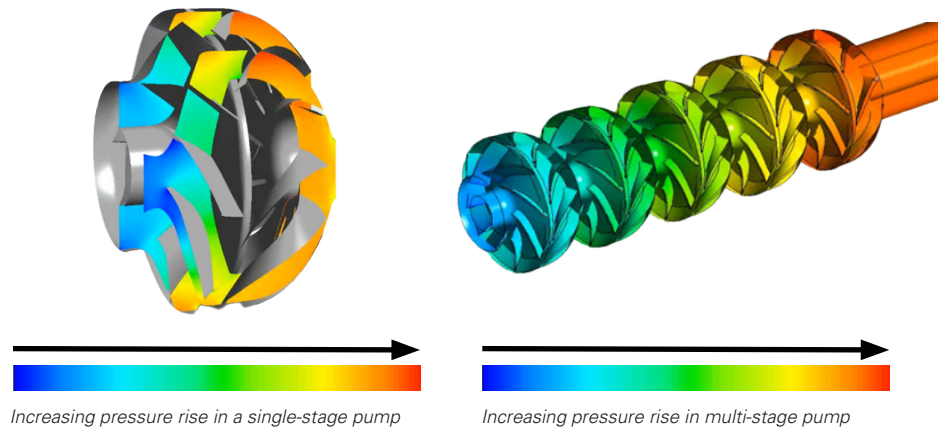
Developed specifically for geothermal, water well, carbon capture, utilization and storage (CCUS), and mining applications

Overview

Responding to customer needs for increased efficiency and flow rates from tighter diameter wellbore applications, Summit ESP® — A Halliburton Service, is introducing the high-performance Tiger Shark SL58000 750 series electrical submersible pump (ESP).

With the use of advanced, in-house hydraulics simulations and computational fluid dynamics (CFD), Summit ESPs team of engineers has designed a pump that offers the highest efficiency rating in the industry.

Unmatched lift capacity



Engineered within a unique 7-1/2 in. (190.5 mm) diameter housing, the SL58000 pump sets a new industry standard by delivering increased lifting capacity without additional power input. Our innovative design optimizes vane geometry and minimizes stage-to-stage losses, resulting in enhanced lift capacity and reduced brake horsepower requirements.

Efficiency and performance

With over 80 years of combined engineering expertise, our team meticulously crafted and tested countless iterations to perfect the SL58000. The result is a remarkable 58,000 BPD (107 l/s) flow capacity at an impressive 83% best efficiency point (BEP). In comparison, legacy 700 series pumps have limited max flow rates and BEP of only 72%.

Ideal for 9-5/8 in. (244.5 mm) casing sizes or larger, the SL58000 offers the efficiency of larger pumps but has unmatched performance in a more compact design.

Technical Specifications

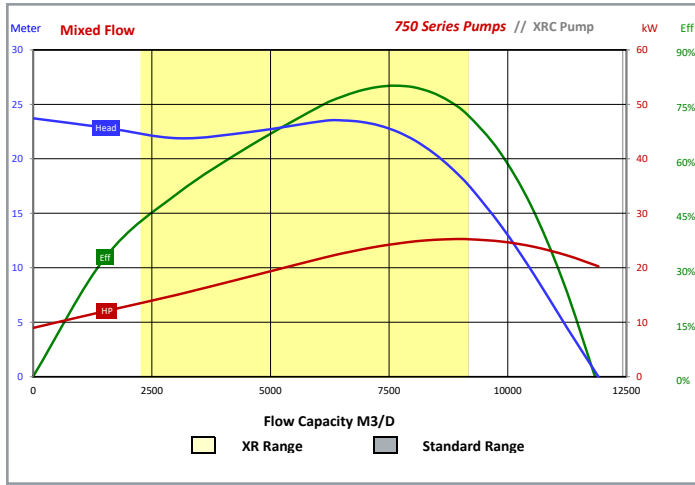
| ENGINEERING DATA | VALUE / RANGE |
|---------------------------------|--------------------------------------|
| XRC operating range* | 17,400 – 69,600 BPD (32 – 128 l/sec) |
| BEP flow rate* | 58,000 BPD (107 l/sec) |
| Housing diameter | 7.5 in. (190.5 mm) |
| Minimum casing size | 9.625 in. (244.5 mm) |
| Shaft diameter | 1.5 in. (38.1 mm) |
| Shaft area | 1.77-sq. in. (45 sq. mm) |
| Standard shaft limit | 1400 HP |
| High strength shaft limit | 2370 HP |
| Rotation | clockwise |
| Standard housing pressure limit | 3200 psi |
| Optional pump construction | XRC compression |
| Stage geometry | mixed |

*Performance data given for 1.0 SG, 3500 RPM, 60 Hz

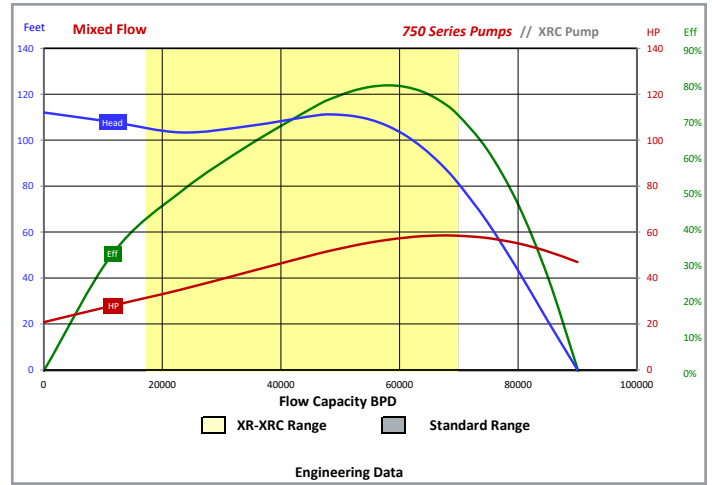


Pump performance and multifrequency head curves

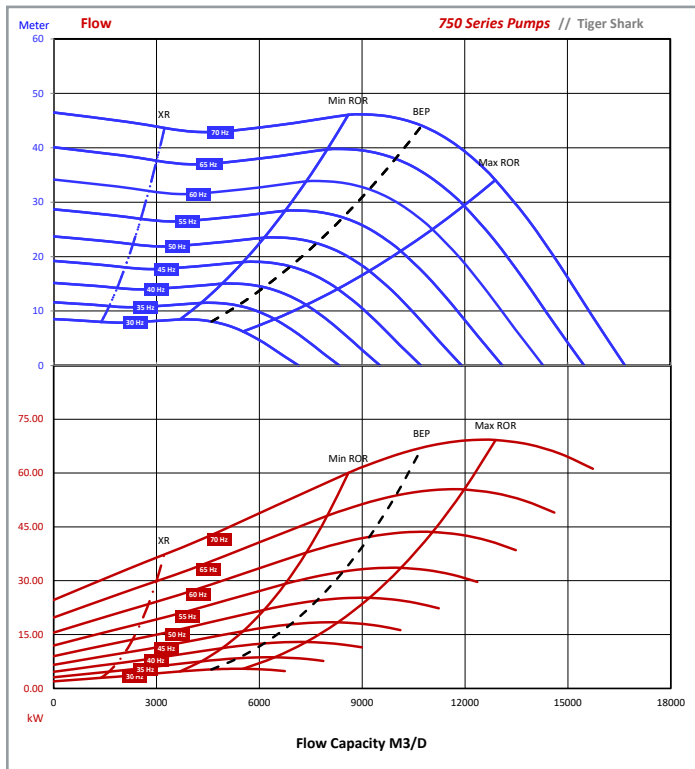
50 hz



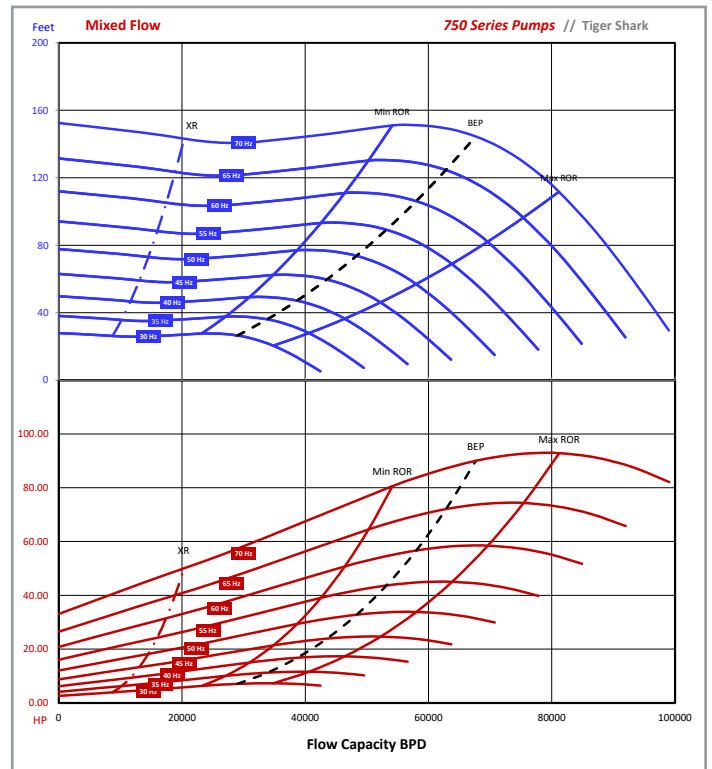
60 hz



50 hz



60 hz



For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale.

H014793 10/24 © 2024 Halliburton. All Rights Reserved.