

THE VIKING™ LOW-PROFILE ESP MOTOR



Slimline V422 Motor for Unconventional Wells

Right-sizing electric submersible pumping systems requires equipment that can deliver the greatest production rates within the physical constraints of the wellbore.

To maximize production and ensure reliable deployment, we've developed **THE VIKING**, a low-profile, 4.22-inch diameter induction motor capable of producing the maximum horsepower requirements typical of new-drill applications.

Suitable for extra-long horizontal laterals, THE VIKING is a modular solution that provides versatile configuration options, allowing operators to install the equipment best fit for their application.



Motor Specifications

THRUST BEARING	High Load, High Temperature, PEEK Coated
SHAFT	High Strength, 1 1/8 in. 490 HP Rating
SEAL	Modified V4 Series Seal, BPBSL or BSL Available in Direct Tandem Without Crossover
MLE	Standard V4 Series MLE
HORSEPOWER	400 HP in Tandem Single-piece UT Configuration Available Upon Request
TEMPERATURE	Rated Operating Temperature: 400°F (204°C)

Applications

Minimum casing size:

5.5" / 20, 23 lb.

Deviated, long-lateral wells

Heavy scale conditions

Features & Benefits

- › **Horsepower Coverage**
Up to 400 HP in tandem.
Shaft rated up to 490 HP
- › **Pull Equipment With Confidence**
4.22" O.D. mitigates risk of equipment getting stuck in the well
- › **No Removal of Lockplate Necessary**
Operate at full capacity without compromising mechanical integrity
- › **Robust Motor Protection**
4.00" BPBSL or BSL seals provide enhanced durability compared to smaller series