

Top Drive

TD-850-HT

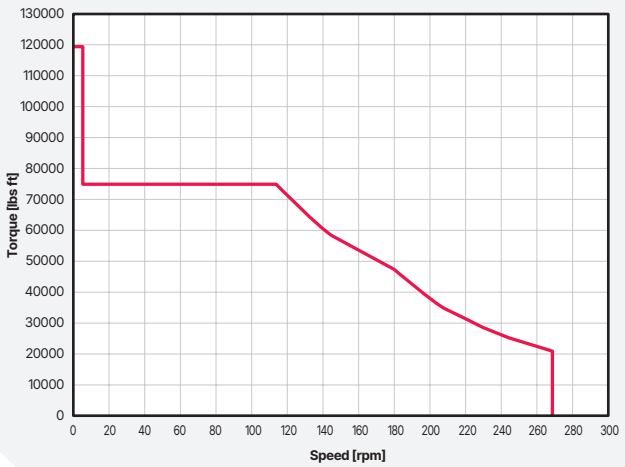
Key features

- 1,609 hp single motor
- 850 ton API-8C
- 73,760 ft-lbs cont. torque @ 115 rpm
- 118,000 ft-lbs make & break torque
- Temperature range -45°C / +55°C
- Lowest noise emissions
- Available drilling enhancement software: Soft Torque Systems; Remote Access

Benefits

- ✓ **Various carriage solutions available to meet any mast configuration**
- ✓ **Fully retrofittable into existing rigs**

Performance curve TD-850-HT @ 55°C ambient



Specifications

Hoisting and rotating	850 ton	770 t
Drilling motor	AC-induction motor	
Motor rating	1,609 hp	1,200 kW
Working height	279 in	7,090 mm
Weight	57,250 lbs	25.96 t
Gear	Helical gear; 10.6:1	
Max. continuous torque	73,760 ft-lbs	100,000 Nm
Speed at max. cont. torque	115 rpm	
Max. speed	270 rpm	
Max. make & break out torque	118,000 ft-lbs	160,000 Nm
Static brake torque	93,670 ft-lbs	127,000 Nm
Mainshaft quill ID	3-3/4 in	
Working pressure	7,500 psi	517 bar
Min. connection range	4 in	101.6 mm
Max. connection range	9-1/2 in	241.3 mm
IBOP connection	NC 70	API
Cooling system	Local blower	
Hydraulic power	Onboard HPU	
Suitable elevator links	Standard links	
Min. temperature	-49°F	-45°C
Max. temperature	+131°F	+55°C
Footprint (width x depth)	87 in x 74 in	2,200 mm x 1,880 mm