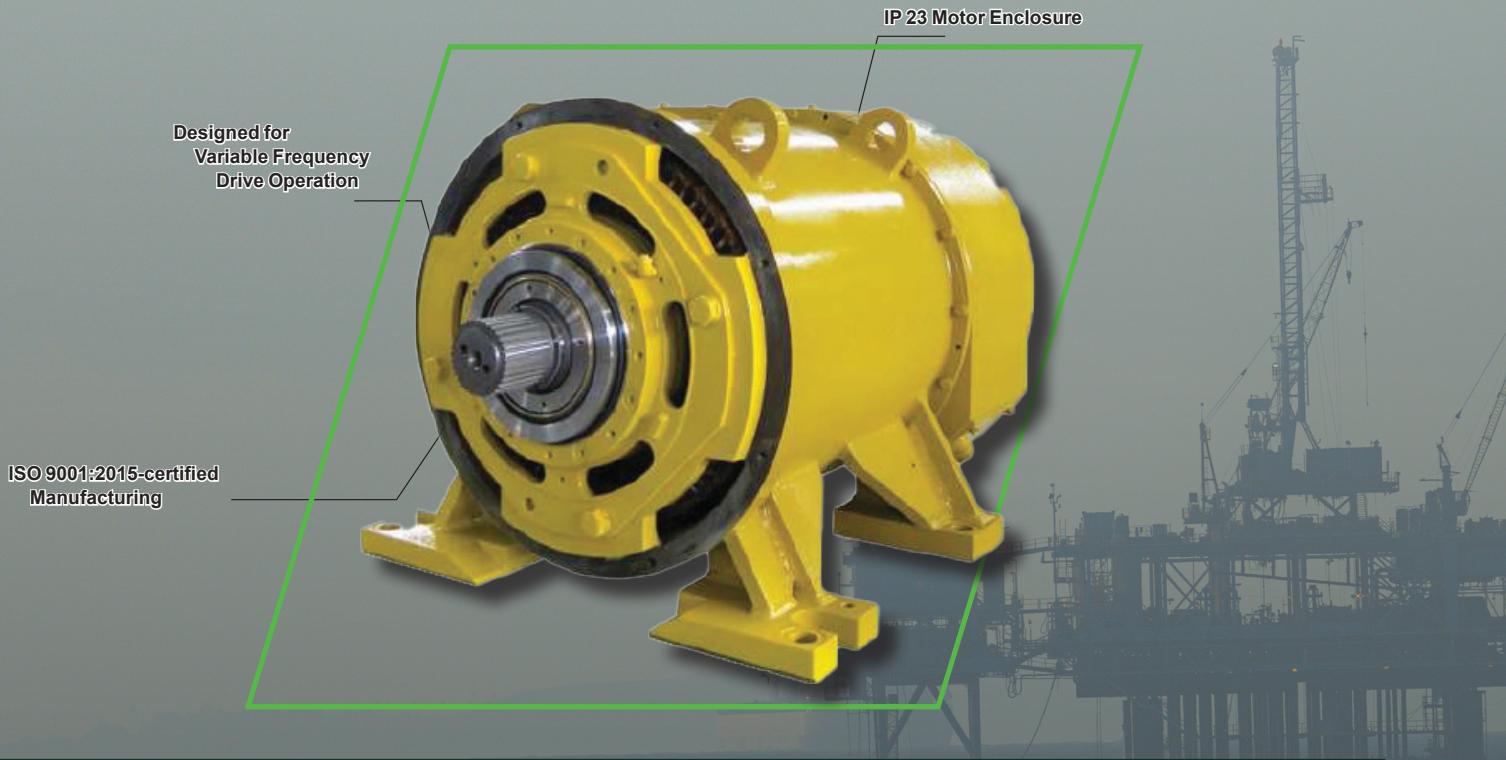


Higher Horsepower.
More Torque.
Same Footprint.

HAW20 | 1150 HP AC Top Drive Drilling Motor

The Kato Engineering™ HAW20 AC Motor is designed to deliver or exceed customer specifications for performance, productivity, and durability. Engineered to withstand decades of continuous service, the rugged HAW20 motor is ideally suited for top drive applications in the extreme environments where oil and gas rigs operate either on or off-shore.



Standard Features

- 6 pole stator with form wound windings
- Certified Class H insulation
 - Robotically taped Mica-Kapton
 - Glass sleeving on bolted wire connections
 - Fully vacuum impregnated
- 4140 and 4340 alloy shafts available
- Six 100Ω platinum RTDs; 2/phase embedded in stator
- Designed for Variable Frequency Drive operation
- Space Heater
- ISO 9001:2015-certified facility

Optional Features

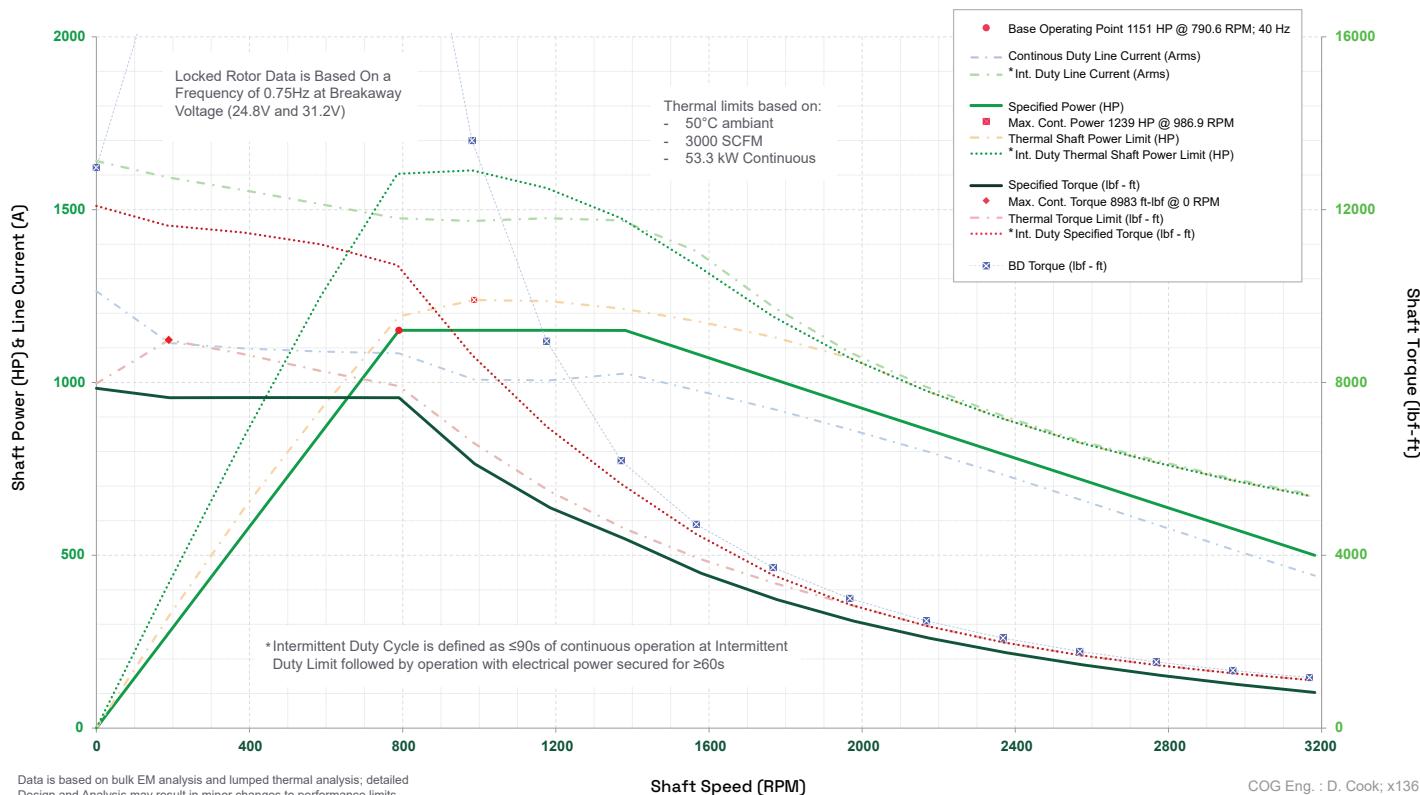
- Encoder
- Bearing RTD
- Blower assembly
- Air pressure switch
- IP 56 junction box
- IP 44 motor enclosure
- Insulated bearing on non-drive end
- Double shaft extension (tapered, splined or keyed)
- ATEX, IECEEx, CSA, ABS, DNV certifications available upon request

PROPRIETARY

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Unauthorized Disclosure Prohibited

HAW20BC115-587V Inverter Duty; Motor Performance Curves

Prepared by Nidec Power



Model	HAW20
HP	1150 at rated speed
Oil & Gas Applications	Top Drive / Rotary Table
AC Voltage	575 ±10%
Current (Amps) Full Load	1120
Rated Frequency (Hz)	40
Torque (lbf-ft) at rated speed	7610
Rated Speed (RPM)	795
Max Speed (RPM)	2300

*Certificates available upon request.