

QUANTIS® GOLD

GEARING

DODGE® QUANTIS ILH AND RHB C-FACE GEARMOTORS ARE NOW AVAILABLE WITH BALDOR•RELIANCE SUPER-E® PREMIUM EFFICIENT MOTORS

These new gearmotors provide an easy-to-order single part number for a DODGE Reducer and Baldor•Reliance® Super-E® Premium Efficient Motors.

QUANTIS gearmotors are available with clamp-collar input from 1/2 to 10 Hp. Utilizing Baldor•Reliance Super-E Premium Efficient motors, total system efficiency has now been raised to the "Gold" standard.

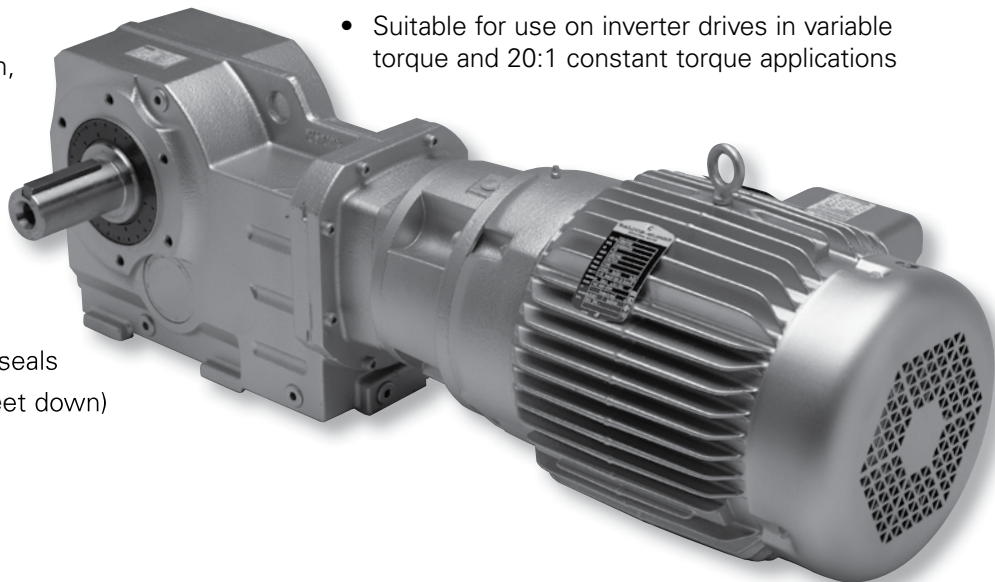


QUANTIS ILH REDUCER FEATURES

- Sizes 38 – 88
- NEMA® clamp-collar design, 56C – 210TC
- Foot mounted housing configuration
- Standard inch output shafts
- Nitrile input and output lip seals
- A1 mounting (horizontal, feet down)
- Mobilgear® 600 XP 220

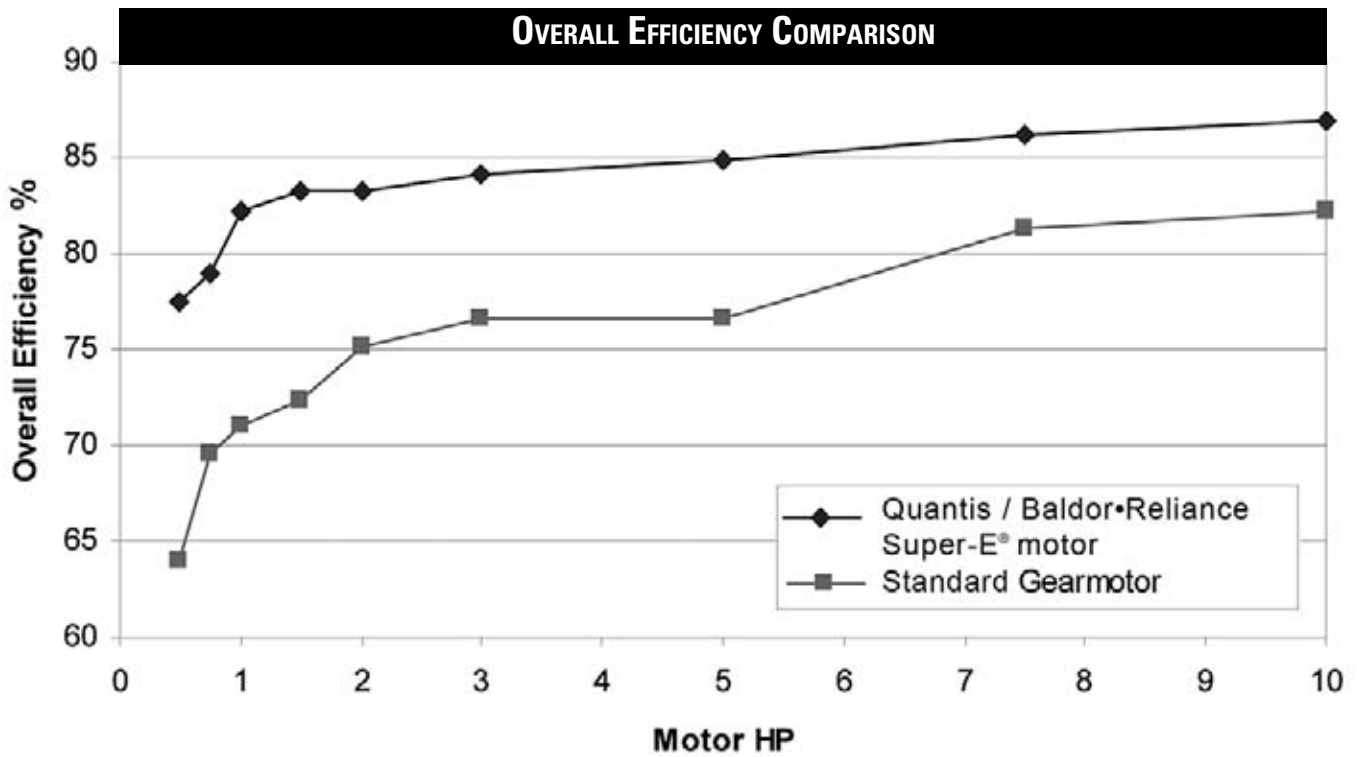
QUANTIS RHB REDUCER FEATURES

- Sizes 38 – 88
- NEMA® clamp-collar design, 56C – 210TC
- Foot and flange mounted housing configurations
- Standard inch output shafts (A-side)
- Tapered hollow bores with twin-tapered bushings
- Nitrile input and output lip seals
- A1 mounting (horizontal, feet down)
- Mobilgear 600 XP 220

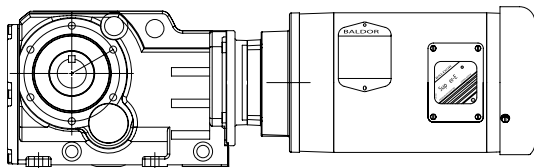


BALDOR•RELIANCE SUPER-E PREMIUM EFFICIENT MOTORS

- 1800 rpm
- 60 Hz, 230/460 volts
- TEFC Enclosure
- Rolled Steel (1/2 – 5hp) and Cast Iron (7.5 – 10hp) construction that meets or exceeds NEMA Premium efficiency levels
- Designed for all standard industrial applications in a dusty, dirty and / or humid environment
- Inverter Capable – Insulation system meets NEMA MG1 Part 31.4.4.2
- Suitable for use on inverter drives in variable torque and 20:1 constant torque applications

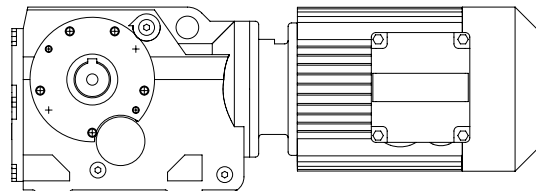


QUANTIS RHB HELICAL/BEVEL



1 HP Super-E Motor (VEM3546)
 54.49:1 ratio
 C-face motor.....87.5% efficient
 Quantis reducer.....94% efficient
 Total system.....82.25% efficient

STANDARD GEARMOTOR HELICAL/BEVEL



1 HP Standard Integral motor
 56.83:1 ratio
 Integral motor.....75.5% efficient
 Standard reducer...94% efficient
 Total system.....70.97% efficient

Annual savings per unit* = \$69.20

Savings on typical installation (30 units)* = \$2,076

Annual heat load savings per unit** = 1,722,000 BTU

Annual heat load savings on typical installation (30 units)** = 51,660,000 BTU

*based on 20 hr/day, 6days/week, 50 weeks/year, \$0.08kW/hr

**Amount of heat that does not need to be removed by air conditioning equipment in a controlled ambient facility.



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