



 PRODUCT-DETAILS

30A10H18SB

TIGEAR-2 REDUCER-SEALED BEARING



General Information

| | |
|-------------------------|---------------------------------|
| Global Commercial Alias | 30A10H18SB |
| Product ID | 7B30A10H18SB |
| ABB Type Designation | TIGEAR-2 REDUCER-SEALED BEARING |
| Catalog Description | TIGEAR-2 REDUCER-SEALED BEARING |

Additional Information

| | |
|-----------------------------------|-------------------------|
| Case Size | 30 |
| Nominal Ratio | 10 |
| Output | Hollow |
| Input Style | 3-Piece Coupled |
| Suitable for Washdown Environment | No |
| Housing Material | Cast Iron |
| Paint Type | Standard |
| Product Compatibility | NEMA Motor, 180TC Frame |
| Gearbox Component Type | Gearbox |

Sealing and Lubrication

| | |
|--------------|---------------------------|
| Sealing Type | Single-Lip Contact |
| Lubrication | PAG, Standard Temperature |

Technical

| | |
|---------------------------|---------------------------------|
| Horsepower Rating | Input 7.11 Hp Output 6.52 Hp |
| Rated Torque | Output 2347 in-lb |
| Thermal Horsepower Rating | 7.85 Hp |

Dimensions

| | |
|-----------------|-----------------|
| Bore Diameter | Output 1.938 in |
| Bore Length | 7.76 in |
| Center Distance | 3 in |
| Overhung Load | 1720 lbf |

Categories

Mechanical Power Transmission → Gearing → Right-Angle Worm → Tigear-2 (Standard) → Gearboxes (3-Piece Coupled Input) → Hollow Output

Mechanical Power Transmission → Gearing → Shaft Mount (Direct Drive) → Tigear-2 (Standard) → Gearboxes (3-Piece Coupled Input) → Hollow Output

