BLADE BEARINGS

MALLOY

Packaging
Hardware inside crate minimizing freight & simplifying planning

Upgrade
Upgraded bearing features for long service life

Quality
Highest quality products ensure longest lasting replacements

Stock
Malloy carries stock eliminating long lead times



www.MalloyWind.com

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VISIT OUR WEBSITE

Platforms & Availability

BRAND	WIND TURBINE TYPE	LEAD TIME CATEGORY	
		Normal Stock (1)	Standard 28–30 week
Acciona	Acciona AW3000		X
Gamesa	Gamesa G8x		X
	Gamesa G9x		X
	Gamesa G114		X
GE	GE 1.5s/sl/sle	X	
	GE 1.5se/xle	X	
	GE 1.85–87 m	X	
	GE 1.x–100, 1.x–103	X	
	GE 2.x–100/103	X	
	GE 2.x–116		X
	GE 2.x–127	X	
NEG Micon	NEG Micon NM 72/82	X	
Senvion	Senvion MM82		X
	Senvion MM92		X
Siemens	Siemens SWT 2.3–93		X
	Siemens SWT 2.3–101		X
	Siemens SWT 2.3–108		X
Suzlon	Suzlon S8X	X	
	Suzlon S9X	X	
Vestas	Vestas V47		
	Vestas V80		
	Vestas V82	X	
	Vestas V90	X	
	Vestas V100	X	
	Vestas V110	X	
	Vestas V120		X

(1) Normal Stock Item in Sioux Falls / SD, USA or Gremsdorf / Germany. Subject to prior sale. Exact delivery time upon request

Bearing Features For Long Term Service Life

- Rings made from 42CrMo4QT
- Proven U.S. & EU quality balls
- 100% quality checked
- Platform specific upgrades
- Bolt hole corrosion protection – salt spray tested
- Non-corroding seal running surfaces
- Induction hardening & depth tested



2-Row 4-Point Contact Ball Pitch Bearing

Often used as a spare part in original configuration in cases of:

- Inadequate lubrication
- Fair wear & tear
- Raceway corrosion (ingress of water)
- Cage/separator failures
- Component failures (broken balls, core crushing, surface fatigue & spalling, false brinelling)
- Grease leakage

Pitch bearing spares include design & quality improvements to address these known failure modes to ensure it lasts longer than the original.

T-Solid: a patented 3-raceway/3-ring design with load independant contact angle

Strongly recommended in **cases of prematurely failing pitch bearings** due to:

- Inadequate strength or structural durability (outer ring cracks)
- Raceway edge loading (contact ellipse truncation, edge break)
- Cage wear & fracture
- Heavily deforming raceways (inadequate system stiffness)
- Jamming balls up to bearing lock-up

Provides for the same form, fit & function



Accessories & Shipment

Seaworthy packed in sets or single crates

Shipment VCI corrosion protected

All necessary items/hardware shipped in one crate (see photo)

- One PO for entire kit
- One order confirmation
- One shipment, often from Malloy inventory

Eliminates extra work

Eliminates lost/missing parts on site



Available for select turbine models. Contact Malloy for more details

WANT TO LEARN MORE?

FOR MORE INFORMATION VISIT:
www.MalloyWind.com

OR SCAN QR CODE!

Benchmark IMO Seal

- Patented seal with barbed hook (no pull-out)
- Tested up to 2 bars (dynamic) & 5 bars (static)
- No grease leakage
- No contamination ingress (dust/moisture)
- Field tested on turbines with direct seal exposure to sun and weather.

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