

# TITAN® 547 Horizontal Motors

## TEFC Severe Duty Sleeve Bearing - Premium Efficient

### FEATURES

• 1.0 service factor	• Automatic breather drains at both ends
• Premium Efficient	• Renk® sleeve bearings
• Rated for operation in a 40°C ambient at 3300 feet altitude	• Constant level oilers (OIL-RITE®)
• Division 2 suitable	• Insulated bearings with drive end shorting device
• Class F rated EVERSEAL® insulation system (sealed per NEMA® MG1)	• Oil-resistant leads
• 3.5 per unit surge withstand (IEEE-522™ Figure 1)	• Permanent indicator to show float limits and magnetic center
• F1 assembly position (convertible to F2)	• Ground pads on frame (qty. 2)
• Class "B" rise at 1.0 Service Factor	• CORRO-DUTY® with epoxy paint system
• DOL Start (80% RVS on large motors in NEMA® MG1 Part 20)	• Oversized conduit box with silver-plated bus bar connections
• 650% maximum locked rotor current	• 316 stainless-steel hardware
• Aluminum rotor	• 100 Ohm bearing RTDs (1/bearing)
• Dowel pin holes	• 100 Ohm winding RTDs (2/phase)
• Vertical jack screws	• 115V replaceable space heaters — T3
• Spot face for hold-down bolts	• Starting duty nameplate
• Feet coplanar to within .005 in.	• Non-witnessed API 547 routine test

HP	RPM @ 60Hz	Frame	Voltage	List	Discount Symbol	Rotor Material	FULL LOAD NNE @ 4000V	Div. 2 T-Code	Ship Weight
250	3600	5010	2300/4000	\$98,438	DS-547	Aluminum	95.0	T3	4800
250	1800	5008	2300/4000	\$94,578	DS-547	Aluminum	95.0	T3	4000
250	1200	5008	2300/4000	\$97,898	DS-547	Aluminum	95.0	T3	4000
250	900	5010	2300/4000	\$110,364	DS-547	Aluminum	93.6	T3	4800
300	3600	5010	2300/4000	\$102,875	DS-547	Aluminum	95.0	T3	4800
300	1800	5008	2300/4000	\$96,948	DS-547	Aluminum	95.0	T3	4000
300	1200	5010	2300/4000	\$102,750	DS-547	Aluminum	95.0	T3	4800
300	900	5012	2300/4000	\$116,518	DS-547	Aluminum	94.5	T3	6000
350	3600	5010	2300/4000	\$106,270	DS-547	Aluminum	95.0	T3	4800
350	1800	5010	2300/4000	\$98,825	DS-547	Aluminum	95.0	T3	4800
350	1200	5010	2300/4000	\$108,171	DS-547	Aluminum	95.0	T3	4800
350	900	5012	2300/4000	\$121,794	DS-547	Aluminum	94.5	T3	6000
400	3600	5010	2300/4000	\$112,011	DS-547	Aluminum	95.0	T3	4800
400	1800	5010	2300/4000	\$103,686	DS-547	Aluminum	95.0	T3	4800
400	1200	5010	2300/4000	\$111,195	DS-547	Aluminum	95.4	T3	4800
400	900	5812	2300/4000	\$131,181	DS-547	Aluminum	95.0	T3 <sup>1</sup>	9200
450	3600	5012	2300/4000	\$117,243	DS-547	Aluminum	95.0	T3	6000
450	1800	5010	2300/4000	\$107,559	DS-547	Aluminum	95.4	T3	4800
450	1200	5012	2300/4000	\$116,067	DS-547	Aluminum	95.4	T3	6000
450	900	5812	2300/4000	\$137,537	DS-547	Aluminum	95.0	T3 <sup>1</sup>	9200
500	3600	5012	2300/4000	\$122,781	DS-547	Aluminum	95.0	T3	6000
500	1800	5012	2300/4000	\$111,157	DS-547	Aluminum	95.8	T3	6000
500	1200	5012	2300/4000	\$126,456	DS-547	Aluminum	95.8	T3	6000
500	900	5812	2300/4000	\$141,886	DS-547	Aluminum	95.0	T3 <sup>1</sup>	9200
600	3600	5812	2300/4000	\$141,583	DS-547	Aluminum	95.8	T3	9200
600	1800	5012	2300/4000	\$125,290	DS-547	Aluminum	96.2	T3	6000
600	1200	5812	2300/4000	\$141,275	DS-547	Aluminum	95.4	T3	9200
700	3600	5812	2300/4000	\$147,838	DS-547	Aluminum	96.2	T3/T2C <sup>2</sup>	9200
700	1800	5012	2300/4000	\$132,402	DS-547	Aluminum	96.5	T3/T2C <sup>2</sup>	6000
700	1200	5812	2300/4000	\$175,879	DS-547	Copper	95.8	T2B <sup>2</sup>	9200
800	1800	5812	2300/4000	\$143,679	DS-547	Aluminum	96.2	T3A <sup>1</sup> /T3 <sup>2</sup>	9200
900	1800	5812	2300/4000	\$155,273	DS-547	Aluminum	96.2	T3A <sup>1</sup> /T2D <sup>2</sup>	9200
1000	1800	5812	2300/4000	\$161,992	DS-547	Aluminum	96.5	T3A <sup>1</sup> /T2C <sup>2</sup>	9200

**Notes:**

<sup>1</sup> Aluminum Rotor / <sup>2</sup> Copper Bar Rotor (Requires Adder)

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## WPII Sleeve Bearing – Premium Efficient

### FEATURES

• 1.0 service factor	• Renk® sleeve bearings
• Premium Efficient	• Constant level oilers (OIL-RITE®)
• Rated for operation in a 40°C ambient at 3300 feet altitude	• Insulated bearings with drive end shorting device
• Division 2 suitable	• Oil-resistant leads
• Class F rated EVERSEAL® insulation system (sealed per NEMA® MG1)	• Permanent indicator to show float limits and magnetic center
• 3.5 per unit surge withstand (IEEE-522™ Figure 1)	• Ground pads on frame (qty. 2)
• F1 assembly position (convertible to F2)	• CORRO-DUTY® with epoxy paint system
• Class "B" rise at 1.0 Service Factor	• Oversized conduit box with silver-plated bus bar connections
• DOL Start (80% RVS on large motors in NEMA® MG1 Part 20)	• 316 stainless-steel air filters
• 650% maximum locked rotor current	• 316 stainless-steel hardware
• Aluminum rotor	• 100 Ohm bearing RTDs (1/bearing)
• Dowel pin holes	• 100 Ohm winding RTDs (2/phase)
• Vertical jack screws	• 115V replaceable space heaters — T3
• Spot face for hold-down bolts	• Starting duty nameplate
• Feet coplanar to within .005 in.	• Non-witnessed API 547 routine test

HP	RPM @ 60Hz	Frame	Voltage	List	Discount Symbol	Rotor Material	FULL LOAD NNE @ 4000V	Div. 2 T-Code	Ship Weight
250	3600	5010	2300/4000	Contact Factory	DS-547	Aluminum	94.5	T3	5250
250	1800	5008	2300/4000	\$78,830	DS-547	Aluminum	95.0	T3	4550
250	1200	5008	2300/4000	\$80,921	DS-547	Aluminum	95.0	T3	4550
250	900	5008	2300/4000	\$86,766	DS-547	Aluminum	93.6	T3	4550
300	3600	5010	2300/4000	Contact Factory	DS-547	Aluminum	94.5	T3	5250
300	1800	5008	2300/4000	\$79,765	DS-547	Aluminum	95.0	T3	4550
300	1200	5008	2300/4000	\$82,233	DS-547	Aluminum	95.0	T3	4550
300	900	5010	2300/4000	\$91,329	DS-547	Aluminum	93.6	T3	5250
350	3600	5010	2300/4000	Contact Factory	DS-547	Aluminum	94.5	T3	5250
350	1800	5008	2300/4000	\$81,168	DS-547	Aluminum	95.0	T3	4550
350	1200	5008	2300/4000	\$85,140	DS-547	Aluminum	95.0	T3	4550
350	900	5010	2300/4000	\$95,243	DS-547	Aluminum	93.6	T3	5250
400	3600	5010	2300/4000	Contact Factory	DS-547	Aluminum	94.5	T3	5250
400	1800	5008	2300/4000	\$82,488	DS-547	Aluminum	95.0	T3	4550
400	1200	5010	2300/4000	\$87,383	DS-547	Aluminum	95.0	T3	5250
400	900	5012	2300/4000	\$98,353	DS-547	Aluminum	93.6	T3	5775
450	3600	5010	2300/4000	Contact Factory	DS-547	Aluminum	94.5	T3	5250
450	1800	5008	2300/4000	\$84,685	DS-547	Aluminum	95.0	T3	4550
450	1200	5010	2300/4000	\$90,996	DS-547	Aluminum	95.0	T3	5250
500	3600	5012	2300/4000	Contact Factory	DS-547	Aluminum	94.5	T3	5775
500	1800	5008	2300/4000	\$87,354	DS-547	Aluminum	95.0	T3	4550
500	1200	5010	2300/4000	\$98,700	DS-547	Aluminum	95.0	T3	5250
600	3600	5012	2300/4000	Contact Factory	DS-547	Aluminum	95.0	T3	5775
600	1800	5010	2300/4000	\$92,655	DS-547	Aluminum	95.4	T3	5250
600	1200	5012	2300/4000	\$105,840	DS-547	Aluminum	95.0	T3	5775
700	3600	5012	2300/4000	Contact Factory	DS-547	Aluminum	95.0	T2C <sup>1</sup> /T3 <sup>2</sup>	5775
700	1800	5010	2300/4000	\$97,426	DS-547	Aluminum	95.4	T3	5250
800	3600	5012	2300/4000	Contact Factory	DS-547	Aluminum	95.0	T2B <sup>1</sup> /T3 <sup>2</sup>	5775
800	1800	5012	2300/4000	\$102,198	DS-547	Aluminum	95.4	T3	5775
900	3600	5012	2300/4000	Contact Factory	DS-547	Aluminum	95.0	T2B <sup>1</sup> /T3 <sup>2</sup>	5775
900	1800	5012	2300/4000	\$108,168	DS-547	Aluminum	95.4	T3	5775
1000	3600	5012	2300/4000	Contact Factory	DS-547	Aluminum	95.0	T2A <sup>1</sup> /T2B <sup>2</sup>	5775
1000	1800	5012	2300/4000	\$124,119	DS-547	Aluminum	95.4	T3	5775

**Notes:**

<sup>1</sup> Aluminum Rotor / <sup>2</sup> Copper Bar Rotor (Requires Adder)

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