

Globetrotter Open Drip Proof 3-Phase General Purpose Motors



Features

- 208-230/460 Voltage
- 1800 or 3600 RPM models
- Rigid Base mounting
- Meets or exceeds NEMA Premium® efficiencies
- Steel Drip Proof Enclosure IP22 rating
- Steel Conduit box
- Inverter duty 10:1 variable torque and 2:1 constant torque, 1.0 SF
- 1.15 service factor on sinewave
- Class F, Class B Rise insulation
- Bearing Caps on 284 frame and higher
- Standard assembly F1, reversible to F2 assembly
- Dual frame mounting holes
- UL recognized, CSA certified, CE mark
- Three year warranty (through Regal)

Motor Shipping Schedule *

Same or one day * Up to 7 days Up to 10 days

Color indicates shipping lead time in business days. Check stock status online.

* Certain heavy and oversized items can be shipped only via LTL. Check our website for current shipping method constraints by part number.

Applications

Typical uses in many commercial and industrial environments such as HVAC, Conveyors, Pumping, and Cooling Towers. Globetrotter provides durability and dependability.

Motor Specifications – 3-Phase

Part Number*	Price	HP	Base RPM	Volts	Service Factor	Encl.	NEMA Design	NEMA Frame	Weight (lb)	Drawing Links
Rigid Base										
GT0010A	\$:054fz:	3	1800	208-230/460 VAC	1.15 (sine), 1.0 (drive)	ODP	A	182T	81	PDF
GT0013A	\$:;054fj:	5						184T	91	PDF
GT0016A	\$:;054fj:	7 1/2						213T	133	PDF
GT0019A	\$:054f_:	10					B	215T	144	PDF
GT0059	\$:;0054f#:	15						254T	272	PDF
GT0062	\$:;0054f#:	20						256T	314	PDF
GT0065	\$:;0054f?:	25						284T	329	PDF
GT0067	\$:;0054f_:	30						286T	377	PDF
GT0073	\$:0054g0:	40						324T	452	PDF
GT0077	\$:0054g1:	50						326T	507	PDF

Performance Data - 3-Phase

Part Number	HP	F.L. RPM	Current @ 230V/460V (Amps)			Torque (lb-ft)			Frame Material	F.L. Effic. %	F.L. Power Factor	Resistance Main	Rotor Inertia (lb-ft²)
			No Load 460V	Full Load 230/460V	Locked Rotor	Full Load	Locked Rotor	Break-down					
Rigid Base													
GT0010A	3	1770	2.3	8.6-8.0/4.0	35	8.9	20.0	29.0	Rolled Steel	89.5	77.5	4.12	0.4
GT0013A	5	1765	3.6	14.0-13.2/6.6	55	14.9	36.0	46.0		89.5	80	2.72	0.5
GT0016A	7 1/2	1766	5	21.2-19.8/9.9	60	22.3	49.7	72.4		91	79	1.698	0.98
GT0019A	10	1768	5.7	27.7-25.4/12.7	79	29.7	67.7	89.1		91.7	80.1	1.217	1.0
GT0059	15	1774	9.8	40.5-37.5/18.8	115	44.4	91.0	119.0		93	81	.6729	2.3
GT0062	20	1770	9.8	53.0-48.5/24.3	144	59.4	118.0	146.0		93	83.5	.546	2.8
GT0065	25	1775	15	66.0-62.5/31.0	190	74.0	140.0	195.0		93.6	80	.3657	4.2
GT0067	30	1775	15.5	78.0-73.0/36.5	225	88.8	173.0	235.0		94.1	82	.289	4.8
GT0073	40	1780	20.2	103.0-95.5/47.5	285	118.0	212.0	300.0		94.1	83.5	.209	9.5
GT0077	50	1780	24	127.0-118.0/59.0	350	147.0	257.0	368.0		94.5	84	.158	10.5

Regal AC Motor Selection - Washdown & General Purpose 3-Phase Motors

Regal 3-phase General Purpose & Washdown Motor Selection						
Manuf / Application	Leeson® Washdown		Marathon® General Purpose			
Series	SST Duck	White Duck	Jet Pump	NEMA Premium® XRI®	4-in-1 XRI	Globetrotter
Electrical Characteristics						
HP range	1/3 - 2	1/4 - 10	1/3 - 2	1 - 10	1/3 - 3/4	3-200
Base speed (# poles)	1800 (4) and 3600 (2)		3600 (2)	1200(6), 1800(4), 3600(2)	1800 (4) and 3600 (2)	1800 (4)
Standard voltage	208-230/460	208-230/460 & 230/460V	208-230/460 (J063A/65A is 230/460 only)	208-230/460	208-230 / 460 and 575	208-230/460 & 230/460V ***
Ph/Base frequency (Hz)	3 / 60					
Service factor	1.15	1.15 & 1.25 ***	1.75-1.15 Line 1.0 Drive	1.15 (line) ; 1.0 (drive)	1.15	1.15
Design code (NEMA)	A & B	B	B	A (E2001A) B (all others)	B	A or B***
Insulation class	F	F	B	F	F3	F
Insulation system	IRIS	IRIS	Max Guard	CR200 magnet wire		
Duty cycle	Continuous					
Thermal protection	None	Some Models	None			
Mechanical Characteristics						
Frame size (mounting)	56C(HC)-143TC- 145TC	56(C,HC), 145T(TC), 182T(TC), 184T(TC), 213T(TC); 215T(TC)	56J(HJ)	56C - 215TC	56C	182T - 447T
Enclosure	TENV and TEFC		TEFC and DP	TEFC	TENV and TEFC	Drip Proof and TEFC
Frame material	Stainless Steel	Rolled Steel			Rolled Steel	Rolled Steel or Cast-iron***
End bracket material	Stainless Steel	Steel	Cast Aluminum, Steel	Aluminum	Cast Aluminum	Steel
Conduit box material	Stainless Steel	Steel			Steel	Steel
Fan guard material	Stainless Steel	Propolyene	Steel	Plastic	Polypropylene	Rolled Steel or Cast-iron***
Fan material	Polypropylene	Composite	Plastic	Polypropylene	Polypropylene	Polypropylene
Lead termination	Conduit Box				Conduit box except Terminal block (<1/2 hp)	Conduit box
Standard mounting	C-Face with and w/o Base ***		C-Face with Rigid Base		C-Face with Removable Base	
Drive end shaft slinger	-	-	No	Yes	No	-
Paint	N/A	White Epoxy	N/A	Blue enamel	Gray powder	Black powder- coat; Black enamel
Bearings	Ball			Ball (C3 fit)	Ball	Ball
Grease	Exxon Polyrex EM					
Standard conduit box assy. position	F1 only & F1/F2 capable***		F1	F3	F1 & NPO	F1, F2 reversible***
Performance Characteristics						
Constant torque speed range	10:1 TEFC 1000:1 TENV		10:1	10:1	10:1 (TEFC) 1000:1 (TENV)	10:1
Variable torque speed range	10:1		10:1	10:1	-	10:1
Constant HP speed range	2.1	2.1	2:1	2:1	2:1	2:1
Temperature rise	F	F	B	F	F	F
Encoder provisions	No	No	No	No	No	No
Other Characteristics						
Warranty *	12 months from installation, 18 months from purchase. (through Rexnord Regal)			3 years	3 years	3 years
Agency listings **	UL Recognized. CSA Certified. CE Mark++					

* See Terms and Conditions for motor warranty explanation. Marathon warranty service can be arranged through Rexnord Regal service centers. See list of service centers on our website at www.automationdirect.com.

** To obtain the most current agency approval information, see the Agency Approval Checklist on the specific part number's web page.

***Varies by Model