

Century® Industrial Permanent Magnet Direct Current Motors

**For Rectified Power – Totally Enclosed Non-Ventilated & Totally Enclosed Fan-Cooled
No Base & Rigid Base – 2500, 1750 & 1725 RPM**

20:1 Speed Range at Constant Torque – 1/8 thru 3 HP

Features:

- 40°C Ambient
- SCR Rated
- Continuous Duty
- UL Class H Insulation File #E46316
- UL Recognized Construction File #55476
- Skewed armature for smooth quiet operation
- CE Approved
- CSA Certified File #LR39033



D016

If bolt is removed, bolt holes must be plugged in order to maintain NEMA Totally-Enclosed standards.
If base bolts are used without base, use a 1/4" thick washer to prevent interference with motor rotation.

HP	RPM	Voltage	Amps	Frame	Stock Number	Bearings	Base/ Mounting	Enclosure	Insul. Class	Rotation*	"C" Dim.	Notes
90 Volt Armature • Permanent Magnet Field												
1/8	1725	90	1.46	48C	D019	Ball	Removable Rigid	TENV	H	REV	8.6	
1/8	1725	90	1.46	56C	D027	Ball	No Base	TENV	H		9.0	
1/8	1725	90	1.46	56C	D036	Ball	Removable Rigid	TENV	F		9.0	
1/6	1725	90	1.70	42CZ	D014	Ball	No Base	TENV	H		8.8	168
1/6	1725	90	1.93	48C	D020	Ball	Removable Rigid	TEFC	F		9.3	
1/4	1725	90	2.77	42CZ	D016	Ball	No Base	TEFC	F		9.9	168
1/4	1725	90	2.77	48C	D021	Ball	Removable Rigid	TEFC	F		9.3	
1/4	1725	90	2.77	56C	D029	Ball	No Base	TEFC	F		10.7	
1/4	1725	90	2.77	56C	D038	Ball	Removable Rigid	TEFC	F		10.7	
1/4	1725	90	2.85	56C	D030	Ball	No Base	TENV	F		9.3	
1/4	1725	90	2.85	56C	D039	Ball	Removable Rigid	TENV	F		9.3	
1/3	1725	90	3.60	56C	D031	Ball	No Base	TENV	F		10.1	
1/3	1725	90	3.60	56C	D040	Ball	Removable Rigid	TENV	F		10.1	
1/2	2500	90	5.70	56C	D066	Ball	Removable Rigid	TENV	F	REV	10.1	
1/2	1725	90	5.35	56C	D032	Ball	No Base	TEFC	F		12.6	
1/2	1725	90	5.35	56C	D041	Ball	Removable Rigid	TEFC	F		12.6	
1/2	1725	90	5.50	56C	D033	Ball	No Base	TENV	H		13.1	
1/2	1725	90	5.50	56C	D042	Ball	Removable Rigid	TENV	F		13.1	
3/4	2500	90	8.10	56C	D059	Ball	Removable Rigid	TEFC	F		12.6	
3/4	1725	90	8.10	56C	D034	Ball	No Base	TEFC	F	REV	14.6	
3/4	1725	90	8.10	56C	D043	Ball	Removable Rigid	TEFC	F	REV	14.6	
1	2500	90	10.80	56C	D076	Ball	Removable Rigid	TEFC	F	REV	15.1	
1	1725	90	10.00	56C	D035	Ball	No Base	TEFC	F	REV	16.6	
1	1725	90	10.00	56C	D044	Ball	Removable Rigid	TEFC	F	REV	16.6	
180 Volt Armature • Permanent Magnet Field												
1/3	1725	180	1.78	56C	D092	Ball	No Base	TENV	F	REV	10.1	
1/2	2500	180	2.60	56C	D053	Ball	No Base	TENV	F	REV	10.1	
1/2	1725	180	2.60	56C	D052	Ball	No Base	TEFC	F		12.6	
1/2	1725	180	2.60	56C	D060	Ball	Removable Rigid	TEFC	F		12.6	
1/2	1725	180	2.80	56C	D068	Ball	No Base	TENV	H	REV	13.1	
3/4	1725	180	4.00	56C	D054	Ball	No Base	TEFC	F	REV	14.6	
3/4	1725	180	4.00	56C	D061	Ball	Removable Rigid	TEFC	F	REV	14.6	
1	2500	180	6.10	56C	D073	Ball	Removable Rigid	TEFC	F	REV	15.1	
1	1725	180	5.00	56C	D055	Ball	No Base	TEFC	F	REV	16.6	
1	1725	180	5.10	56C	D062	Ball	Removable Rigid	TEFC	H	REV	16.6	
1 1/2	2500	180	7.80	143TC	D074	Ball	Removable Rigid	TEFC	F	REV	16.4	
1 1/2	1750	180	7.00	143TC	D070	Ball	No Base	TEFC	F	REV	17.9	
1 1/2	1750	180	7.00	145TC	D080	Ball	Removable Rigid	TEFC	F	REV	10.1	
2	2500	180	11.20	143TC	D075	Ball	Removable Rigid	TEFC	F	REV	17.9	
2	1750	180	10.00	143TC	D071	Ball	No Base	TEFC	F	REV	18.9	
2	1750	180	10.00	145TC	D081	Ball	Removable Rigid	TEFC	F	REV	18.9	
2	1750	180	10.00	143TC	W200	Ball	Removable Rigid	TEFC	F	REV	18.9	297
3	1750	180	14.50	143TC	D072	Ball	No Base	TEFC	F		21.9	
3	1750	180	14.50	143TC	D082	Ball	Removable Rigid	TEFC	F	REV	21.9	
3	1750	180	14.50	184ACY	W201	Ball	Removable Rigid	TEFC	F		21.9	297
3	1750	180	14.50	184TC	W202	Ball	Removable Rigid	TEFC	F	REV	22.0	297

Notes:

168. NEMA 42/48 C-Face, 1/2" diameter keyed shaft, 1-5/16" long 297. 184T Base, 4.5" shaft height