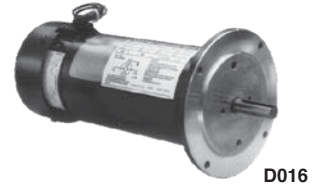


# Century® Industrial Permanent Magnet Direct Current Motors

**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:

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

HP	RPM	Full Load Amps	Frame	Stock Number	Mounting	"C" Dim.	Enclosure	Notes
<b>90 Volt Armature • Permanent Magnet Field</b>								
1/8	1725	1.46	48C	D019	Removable Rigid	8.6	TENV	
		1.46	56C	D027	No Base	9.0	TENV	
		1.46	56C	D036	Removable Rigid	9.0	TENV	
1/6	1725	1.70	42CZ	D014	No Base	8.8	TENV	168
		1.93	48C	D020	Removable Rigid	9.3	TEFC	
1/4	1725	2.77	42CZ	D016	No Base	9.9	TEFC	168
		2.77	48C	D021	Removable Rigid	9.3	TEFC	
		2.77	56C	D029	No Base	10.7	TEFC	
		2.77	56C	D038	Removable Rigid	10.7	TEFC	
		2.85	56C	D030	No Base	9.3	TENV	
		2.85	56C	D039	Removable Rigid	9.3	TENV	
1/3	1725	3.60	56C	D031	No Base	10.1	TENV	
		3.60	56C	D040	Removable Rigid	10.1	TENV	
1/2	2500	5.70	56C	D066	Removable Rigid	10.1	TENV	
		5.35	56C	D032	No Base	12.6	TEFC	
	1725	5.40	56C	D041	Removable Rigid	12.6	TEFC	
		5.50	56C	D033	No Base	13.1	TENV	
3/4	2500	8.10	56C	D059	Removable Rigid	13.1	TENV	
		8.10	56C	D042	Removable Rigid	13.1	TENV	
	1725	8.10	56C	D034	No Base	14.6	TEFC	
		8.10	56C	D043	Removable Rigid	14.6	TEFC	
1	2500	10.80	56C	D076	Removable Rigid	15.1	TEFC	
		10.00	56C	D035	No Base	16.6	TEFC	
	1725	10.00	56C	D044	Removable Rigid	16.6	TEFC	
<b>180 Volt Armature • Permanent Magnet Field</b>								
1/3	1725	1.78	56C	D092	No Base	10.1	TENV	
1/2	2500	2.60	56C	D053	No Base	10.1	TENV	
		2.60	56C	D052	No Base	12.6	TEFC	
	1725	2.60	56C	D060	Removable Rigid	12.6	TEFC	
		2.80	56C	D068	No Base	13.1	TENV	
3/4	1725	4.00	56C	D054	No Base	14.6	TEFC	
		4.00	56C	D061	Removable Rigid	14.6	TEFC	
1	2500	6.10	56C	D073	Removable Rigid	15.1	TEFC	
		5.00	56C	D055	No Base	16.6	TEFC	
	1725	5.00	56C	D062	Removable Rigid	16.6	TEFC	
1-1/2	2500	7.80	143TC/145TC	D074	Removable Rigid	16.4	TEFC	
		7.00	143TC/145TC	D070	No Base	17.9	TEFC	
	1750	7.00	143TC/145TC	D080	Removable Rigid	10.1	TEFC	
2	2500	11.20	143TC/145TC	D075	Removable Rigid	17.9	TEFC	
		10.00	143TC/145TC	D071	No Base	18.9	TEFC	
	1750	10.00	143TC/145TC	D081	Removable Rigid	18.9	TEFC	
		10.00	143TCY/145TCY	W200	Removable Rigid	18.9	TEFC	297
3	1750	14.50	143TC/145TC	D072	No Base	21.9	TEFC	
		14.50	143TC/145TC	D082	Removable Rigid	21.9	TEFC	
		14.50	143TCY/145TCY	W201	Removable Rigid	21.9	TEFC	297
		14.50	184TC	W202	Removable Rigid	22.0	TEFC	297

## Notes:

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

*If base 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.*

