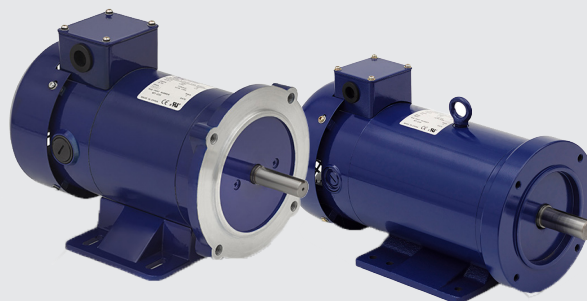


Permanent Magnet DC Motors



Standard Features

- SCR Rated
- 20:1 Constant torque speed range
- 1.0 Service Factor - Continuous Duty (S1)
- Rolled Steel Frame Construction
- C-Face with Removable bolt-on base
- Class F Insulation
- Ambient temperature up to 40°C
- Permanently lubricated ball bearings
- High Starting Torque and Increased Efficiency
- UL Recognized / CSA Approved and CE Marked
- Replaceable brushes



NEMA Frame PMDC Motors (90& 180VDC)

HP	Catalog Number	Full Load RPM	NEMA Frame	Voltage (DC)	Enclosure	Full Load Amps (A)	App. Weight	"L" Dimension Max	List Price	Mult. Symbol
1/4	MT-031	1750	56C	90	TEFC	2.90	19	9.63	\$516	DC1
	MT-041	1750	56C	180	TEFC	1.30	19	9.63	\$516	DC1
1/3	MT-033	1750	56C	90	TEFC	3.70	20	9.63	\$563	DC1
	MT-042	1750	56C	180	TEFC	1.85	20	9.63	\$563	DC1
1/2	MT-032	1750	56C	90	TEFC	5.20	22	10.24	\$644	DC1
	MT-043	1750	56C	180	TEFC	2.60	22	10.24	\$644	DC1
3/4	MT-035	1750	56C	90	TEFC	7.80	28	11.67	\$791	DC1
	MT-044	1750	56C	180	TEFC	3.90	28	11.67	\$791	DC1
1	MT-034	1750	56C	90	TEFC	10.4	32	13.05	\$930	DC1
	MT-037	1750	56C	180	TEFC	5.2	32	13.05	\$930	DC1
1-1/2	MT-038	1750	145TC	180	TEFC	8.0	47	15.60	\$1,590	DC1
2	MT-039	1750	145TC	180	TEFC	9.5	65	16.50	\$2,093	DC1
3	MT-040	1750	145TC	180	TEFC	14.0	72	18.70	\$2,930	DC1

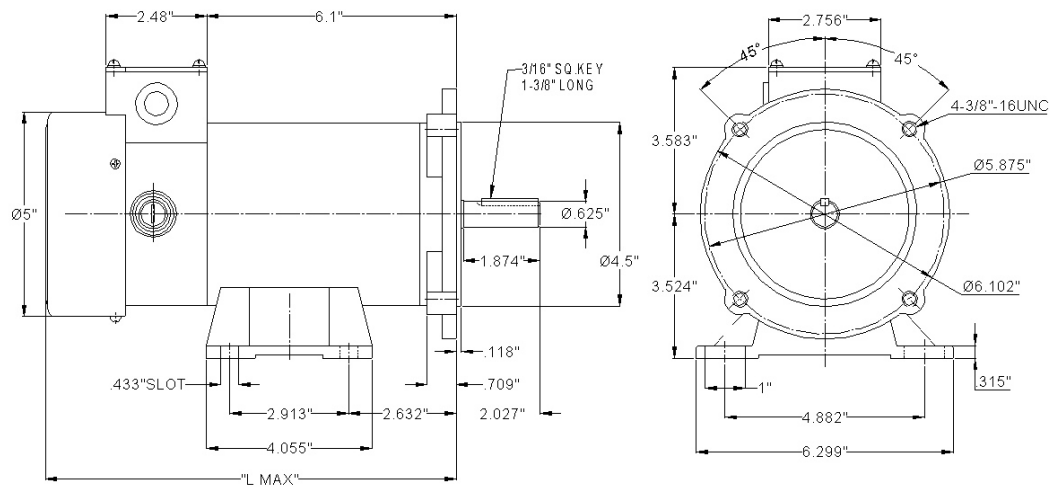
Note: 1/4-1/2HP models have 4.45" frame diameter.
3/4 & 1HP models have 4.85" frame diameter.

NEMA Frame Low Voltage PMDC Motors (12 & 24VDC)

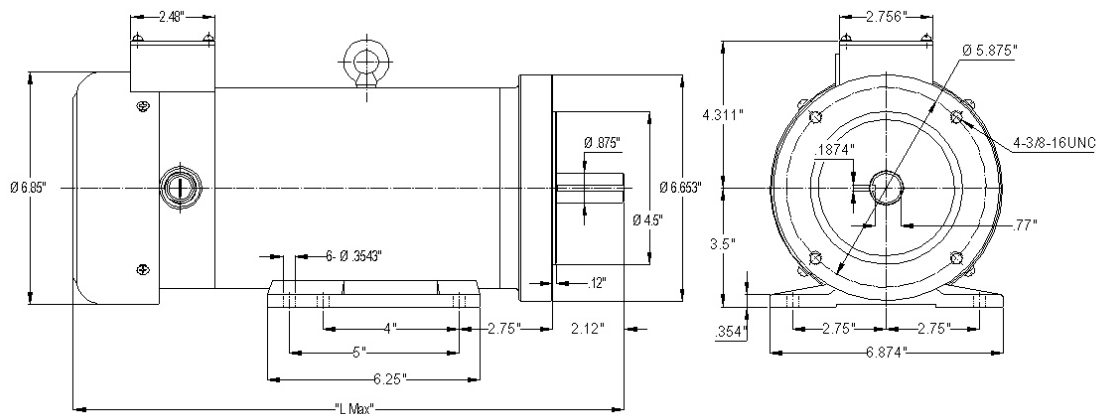
HP	Catalog Number	Full Load RPM	NEMA Frame	Voltage (DC)	Enclosure	Full Load Amps (A)	App. Weight	"L" Dimension Max	List Price	Mult. Symbol
1/4	MT-065	1750	56C	12	TENV	21.00	18	9.63	\$613	DC1
	MT-066	1750	56C	24	TENV	10.50	18	9.63	\$613	DC1
1/3	MT-067	1750	56C	12	TENV	28.00	19	9.63	\$674	DC1
	MT-068	1750	56C	24	TENV	14.00	19	9.63	\$645	DC1
1/2	MT-069	1750	56C	12	TENV	40.80	22	10.24	\$702	DC1
	MT-070	1750	56C	24	TENV	20.50	22	10.24	\$669	DC1
3/4	MT-071	1750	56C	12	TENV	61.20	28	11.67	\$773	DC1
	MT-072	1750	56C	24	TENV	28.30	28	11.67	\$701	DC1
1	MT-073	1750	56C	12	TENV	83.0	33	13.05	\$921	DC1
	MT-074	1750	56C	24	TENV	41.5	33	13.05	\$849	DC1

Permanent Magnet DC Motors

NEMA 56 Dimensions



NEMA 145TC Dimensions



Direct Interchange to Many Popular Brands in the Industry

BRUSHES FOR RAE "MT" MOTORS

- List price for one brush. It is best to replace both brushes at the same time. Two brush kits required per motor.

RAE PART NUMBER	MOTOR FRAME SIZE	MOTOR HP RANGE	List Price	Multipiler
MT-56BS	56C	¼ - ½ HP	\$34	DC1
MT-75BS	56C	¾ - 1 HP	\$34	DC1
MT-145BS	145C	1.5 – 3 HP	\$41	DC1



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