

Hampton Controls, by Dominion Distribution, Inc.

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Permanent Magnet Cycletrol® DC Motors



Graham Transmissions' permanent magnet DC motors are optimized for rapid cycling use with Cycletrol Series DC controls. All Industrial, Heavy Duty Motors are in stock for prompt delivery.

- Designed to industry-standard NEMA frame sizes
- 13 models rated from 1/8 to 3 HP
- Easy access to brushes for quick brush replacement
- Non-vented and fan cooled versions
- UL recognized
- For use with 120/240 VAC single phase silicon controlled rectifier (SCR) drives
- 90/180 volt armature motors have 1,800 RPM base speed
- Class H Insulation
- CSA Standard C22.2 No.100 (Class 421101, File LR43477)
- UL Recognized File E61960

Model Number	Horse power	Armature (VDC)	DC Drive (VAC)	NEMA Frame	Torque (lb-ft)	Amperes (DC)	Inertia (lb-ft)	Enclosure	"L" Length	Shipping Weight	Drawings
8000-12	1/8	90	120	56C	0.38	1.5	0.020	TENV	8.13	16 lbs.	FF
8000-25	1/4	90	120	56C	0.75	2.7	0.027	TENV	9.13	19 lbs.	FF
8000-33	1/3	90	120	56C	1.0	3.5	0.035	TENV	10.13	22 lbs.	FF
3297	1/3	90	120	48HC	1.2	3.5	0.035	TENV	10.13	22 lbs.	----
8000-55	1/2	90	120	56C	1.5	4.7	0.045	TENV	12.13	28 lbs.	FF
3298	1/2	90	120	48	1.5	4.7	0.045	TENV	12.13	28 lbs.	----
8000-50	1/2	90	120	56C	1.5	4.7	0.045	TEFC	12.13	28 lbs.	----
8000-75*	3/4	90	120	56C	2.3	6.9	0.054	TEFC	13.50	32 lbs.	GG
8001-00*	1	90	120	56C	3.0	9.5	0.059	TEFC	13.50	32 lbs.	GG
8050-25	1/4	180	240	56C	7.5	1.4	0.035	TENV	9.13	18 lbs.	----
8050-55*	1/2	180	240	56C	1.5	2.3	0.044	TENV	12.13	30 lbs.	FF
8050-50	1/2	180	240	56C	1.5	2.3	0.044	TEFC	13.5	30 lbs.	----
8050-75*	3/4	180	240	56C	2.3	3.8	0.061	TEFC	11.50	30 lbs.	GG
8051-00*	1	180	240	56C	3.0	4.6	0.083	TEFC	13.50	50 lbs.	GG
8051-50*	1.5	180	240	45BC	4.5	7.8	0.182	TEFC	16.00	65 lbs.	CC
3268	1.5	180	240	56HC	4.5	7.8	0.182	TEFC	16.50	65 lbs.	----
8052-00*	2	180	240	82BC	6.0	9.5	0.249	TEFC	16.50	78 lbs.	DD
8053-00*	3	180	240	82BC	9.0	14.0	0.278	TEFC	19.75	75 lbs.	HH

* CE marked, conforms to EN60034-1 & EN60034-5