



DC - PERMANENT MAGNET - SCR rated 56-145TC with removable base



- Voltages: 12, 24, 90, 180 VDC
- Advanced magnet design
- Precision balanced armature
- Very low noise
- Sturdy removable base
- Large brushes, easy to replace
- 20:1 constant torque speed range

DC Drives
pages 12-15



PM000
1/2 HP 90V.

PM046
.33 HP 12V.

Custom DC motors available in other voltages, speeds, configurations

Δ = Terminal studs at 12:00 **TEFC** = Totally enclosed fan cooled **TENV** = Totally enclosed non-ventilated

HP	RPM	FRAME	*ENCL.	IND#	REF#	VOLTS	FLA	OVER-LOAD	WGT LB	"C" DIM.	LIST
.25	1800	SS56C/Feet	TEFC	PM002	ZYT42-01	90	2.5	NONE	17.1	10.81	310
		SS56C/Feet	TEFC	PM003	ZYT42-02	180	1.4	NONE	17.8	11.31	335
		S56C/Feet	TENV	Δ PM045	ZYT48-01	12	21	NONE	18.2	10.17	455
.33	1800	SS56C/Feet	TEFC	PM004	ZYT42-03	90	3.5	NONE	19.4	11.31	345
		SS56C/Feet	TEFC	PM005	ZYT42-04	180	1.7	NONE	19.3	11.31	345
		S56C/Feet	TENV	Δ PM046	ZYT48-02	12	27	NONE	20.1	10.67	510
		S56C/Feet	TENV	Δ PM050	ZYT48-03	24	13.5	NONE	20.1	10.67	510
.50	1800	SS56C/Feet	TEFC	PM000	ZYT42-05	90	5	NONE	21.4	11.81	395
		SS56C/Feet	TEFC	PM008	ZYT42-06	180	2.5	NONE	21.4	11.81	395
		S56C/Feet	TENV	Δ PM047	ZYT48-04	12	39	NONE	24.9	11.67	590
		S56C/Feet	TENV	Δ PM051	ZYT48-05	24	20	NONE	25.2	11.67	590
.75	1800	SS56C/Feet	TEFC	PM032	ZYT42-07	90	7.6	NONE	28.5	13.81	450
		SS56C/Feet	TEFC	PM069	ZYT42-08	180	3.8	NONE	28.2	13.81	450
		S56C/Feet	TEFC	Δ PM048	ZYT48-07	12	58	NONE	26.4	13.31	620
		S56C/Feet	TEFC	Δ PM052	ZYT48-08	24	29	NONE	27.1	12.82	620
1.0	1800	S56C/Feet	TEFC	PM022	ZYT48-19	90	10	NONE	36.0	14.82	500
		S56C/Feet	TEFC	PM023	ZYT48-20	180	5	NONE	36.2	14.82	500
		S56C/Feet	TEFC	Δ PM322	ZYT48-09	12	80	NONE	32.0	13.81	680
		S56C/Feet	TEFC	Δ PM053	ZYT48-10	24	39	NONE	31.0	13.81	680
1.5	1800	145TC/Feet	TEFC	PM262	ZYT48-22	180	7.6	NONE	55	17.39	960
2.0	1800	145TC/feet	TEFC	PM2010	ZYT56-02	180	9.5	NONE	77	19.30	1175
		182/145TC-Feet	TEFC	*PM2001	ZYT56-03	180	9.5	NONE	77	19.34	1175
3.0	1800	182/145TC-feet	TEFC	f * PM502	ZYT56-04	180	15.5	NONE	43	15.47	1350

f = non-stock, factory order

* PM2001 & PM502 have 182T base & shaft height (4.5") with 145TC flange / 7/8" shaft

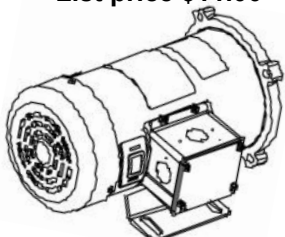
Select replacement brushes by frame size and voltage. Contact AG-I to order additional parts.

Brushes (pair)
SS56C 90-180V.
5JWT.578.117
List price \$11.00

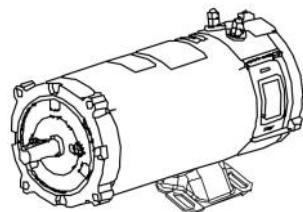
Brushes (pair)
S56C 12V
5JWT.578.127
List price \$23.00

Brushes (pair)
S56C 90-180V.
5JWT.578.125
List price \$23.00

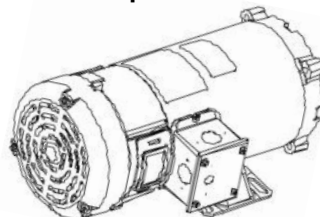
Brushes (pair)
S56C 24V.
5JWT.578.128
List price \$23.00



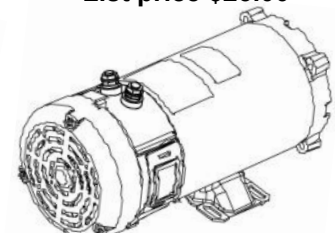
SS56C /Base TEFC
90-180V DC



S56C/Base TENV
12-24V DC



S56C/Base TEFC
90-180V DC



S56C/Base TEFC
12-24V DC