

BALDOR • RELIANCE

High Cycle Brake Motor, Three Phase

1/2 thru 3 Hp

NEMA 56C thru 182TC

**Applications:** Unit and baggage handling, conveyors and other applications requiring frequent starting and stopping.



**Features:** UL/CSA recognized and CE certified. Low inertia high efficiency motor with cast aluminum footless frame for increased thermal dissipation specific to this application. An internally connected DC brake with integral rectifier provides for faster action than traditional spring-set brakes. Not suitable for use with inverters 1/2 thru 1 Hp in TENV enclosure; Dodge brake on 1.5 thru 3 Hp as TEFC enclosure.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	EISA Status (a)	Notes (a)
<b>C-Face, Footless</b>													
1/2	1800	56C	VRBM3538	1,233	K	13.61	36	75.5	208-230/460	0.9	3	C	1, 60
3/4	1800	56C	VRBM3542	1,444	K	14.50	41	75	208-230/460	1.3	6	C	1, 60
1	1800	56C	VRBM3546	1,664	K	15.50	46	80	230/460	1.6	6	C	1, 60
		143TC	VRBM3546T	1,780	L1	15.57	46	80	230/460	1.6	6	C	1, 60
1 1/2	1800	145TC	VRBM3554T	1,811	L1	16.31	62	82.5	230/460	2.3	10	C	1
2	1800	145TC	VRBM3558T	1,860	L1	17.68	70	84	230/460	2.9	10	C	1
3	1800	145TC	VRBM3561T	1,916	L1	17.68	75	87.5	230/460	4.1	15	C	1
		182TC	VRBM3161T	2,274	L1	18.68	83	87.5	230/460	4.1	15	C	1

(a) See notes on inside back flap.

D-Series Brake Motor, Single Phase, TEFC

1/2 thru 1 Hp

NEMA 56C

**Applications:** Conveyors, packaging equipment, machine tools, hoists, elevators and door operators.



**Features:** UL/CSA recognized and CE certified. Dodge "D" Series brakes are spring set, magnetically released power off type brakes flange mounted to the motor. Brakes are single phase with built-in rectifier to DC. Brakes have a manual release lever. Leads are brought to the motor conduit box for connecting to the motor leads (56-140 frames) or connecting separately (180-210 frames). D series brake motors can be universally mounted. Low profile top-mounted F3 conduit box. 2 year warranty.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	EISA Status (a)	Notes (a)
<b>C-Face, Foot Mounted</b>													
1/2	1800	56C	CBL3518-D	1,071	K	17.29	52	64	115/208-230	4	3	C	
3/4	1800	56C	CBL3597-D	1,131	K	17.29	53	68	115/208-230	5.5	3	C	
1	1800	56C	CBL3519-D	1,190	K	17.29	47	67	115/208-230	6.4	6	C	
<b>C-Face, Footless</b>													
1/2	1800	56C	VBL3518-D	1,066	K	16.29	49	64	115/208-230	4	3	C	
3/4	1800	56C	VBL3597-D	1,126	K	16.29	50	68	115/208-230	5.5	3	C	
1	1800	56C	VBL3519-D	1,184	K	17.29	56	67	115/208-230	6.4	6	C	

(a) See notes on inside back flap.

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes