

Single and Three Phase, C-Face, TEFC

1/2 thru 5 Hp

NEMA 56C thru 184TC

Applications: Unit and baggage handling, conveyors, packaging equipment, machine tools, hoists, elevators and door operators.



Features: UL/CSA recognized and CE certified. CEUHM/VEUHM motors are Super-E® with NEMA Premium® efficiency, CUHM/VUHM motors are EPAct efficiency and all are inverter-ready. 143-145TY and 143-145TYC frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. 56-140 frames have low profile F3 top-mounted conduit box. 3 year warranty on Super-E® motors.

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Notes (a)
Single Phase, C-Face, Foot Mounted											
1/2	1800	56C	CUHL3518	412	K	12.22	37	64	115/208-230	4	
1	1800	56C	CUHL3519	502	K	13.22	35	67	115/208-230	6.4	
Single Phase, C-Face, Footless											
1/2	1800	56C	VUHL3518	390	K	12.22	29	64	115/208-230	4	
1	1800	56C	VUHL3519	480	K	13.22	34	67	115/208-230	6.4	
Three Phase, C-Face, Foot Mounted											
1/2	1800	56C	CUHM3538	353	K	12.23	29	74	208-230/460	1.2	1,48
3/4	1800	56C	CUHM3542	373	K	12.23	34	75.5	208-230/460	1.1	1,48
1	1800	56C	CUHM3546	400	K	12.23	31	82.5	208-230/460	1.56	1,48
		143TYC	CEUHM3546T	573	L1	13.29	39	87.5	208-230/460	1.5	1,48
		143TYC	CUHM3546T	400	L1	13.29	32	82.5	208-230/460	1.56	1,48
1 1/2	1800	56C	CUHM3554	435	K	13.23	37	84	208-230/460	2.4	1,48
		145TYC	CEUHM3554T	605	L1	13.29	27	86.5	208-230/460	2	1,48
		145TYC	CUHM3554T	435	L1	13.29	37	84	208-230/460	2.4	1,48
2	1800	56C	CUHM3558	467	K	13.23	39	84	208-230/460	3.1	1,48
		145TYC	CEUHM3558T	666	L1	14.17	30	86.5	208-230/460	2.6	1,48
		145TYC	CUHM3558T	467	L1	13.29	39	84	208-230/460	3.1	1,48
3	1800	182TC	CEUHM3611T	779	L1	16.55	47	89.5	208-230/460	4.1	1,48
		182TC	CUHM3611T	590	L1	16.56	77	87.5	208-230/460	4.1	1,48
5	1800	184TC	CUHM3615T	670	L1	16.55	91	89.5	208-230/460	6.5	1,48
Three Phase, C-Face, Footless											
1/2	1800	56C	VUHM3538	348	K	13.23	35	74	208-230/460	1.2	1,48
		56C	VEUHM3538	511	K	13.23	40	82.5	208-230/460	0.8	1,48
		56C	VUHM3538-5	348	K	13.23	35	82.5	575	0.6	1,48
3/4	1800	56C	VUHM3542	369	K	13.23	34	75.5	208-230/460	1.1	1,48
		56C	VEUHM3542	542	K	13.23	34	84	208-230/460	1.1	1,48
		56C	VUHM3542-5	369	K	13.23	4	75.5	575	0.9	1,48
1	1800	56C	VEUHM3546	558	K	13.23	39	87.5	208-230/460	1.5	1,48
		56C	VUHM3546-5	395	K	13.23	8	82.5	575	1.2	1,48
		56C	VUHM3546	395	K	13.23	32	82.5	208-230/460	1.56	1,48
		143TC	VEUHM3546T	569	L1	13.29	39	87.5	208-230/460	1.5	1,48
		143TC	VUHM3546T	395	L1	13.29	35	82.5	208-230/460	1.56	1,48
		143TC	VUHM3546T-5	395	L1	13.29	33	82.5	575	1.2	1,48
1 1/2	1800	56C	VUHM3554	430	K	13.23	37	84	208-230/460	2.4	1,48
		145TC	VEUHM3554T	594	L1	13.29	43	88.5	208-230/460	2.1	1,48
		145TC	VUHM3554T	430	L1	13.29	35	84	208-230/460	2.4	1,48
		145TC	VUHM3554T-5	430	L1	13.29	39	84	575	1.7	1,48
2	1800	56C	VUHM3558	463	K	13.23	39	84	208-230/460	3.1	1,48
		145TC	VEUHM3558T	660	L1	14.17	51	86.5	208-230/460	2.6	1,48
		145TC	VUHM3558T	463	L1	13.29	39	84	208-230/460	3.1	1,48
		145TC	VUHM3558T-5	463	L1	13.29	46	84	575	2.2	1,48
3	1800	182TC	VEUHM3611T	749	L1	16.55	64	89.5	208-230/460	4.1	1,48
		182TC	VUHM3611T	560	L1	16.52	59	87.5	208-230/460	4.1	1,48
5	1800	184TC	VUHM3615T	640	L1	16.55	87	89.5	208-230/460	6.5	1,48

(a) See notes on inside back flap and pages 5-6.

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 Starters & Dynamic Brakes

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

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. A DC brake with integral rectifier provides for faster action than traditional spring-set brakes. Stearns brake 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	Notes (a)
C-Face, Footless												
1/2	1800	56C	VRBM3538	1,154	K	13.62	36	75.5	208-230/460	0.9	6	1,60,106
3/4	1800	56C	VRBM3542	1,352	K	14.50	37	75	208-230/460	1.3	6	1,60,106
1	1800	56C	VRBM3546	1,558	K	15.50	46	80	230/460	1.6	6	1,60,106
		143TC	VRBM3546T	1,543	L1	15.57	54	80	208-230/460	1.6	6	1,60,106
1 1/2	1800	145TC	VRBM3554T	1,730	L1	16.37	67	82.5	208-230/460	2.3	10	1,106
2	1800	145TC	VRBM3558T	1,776	L1	17.25	76	84	208-230/460	2.9	10	1,106
3	1800	145TC	VRBM3561T	1,830	L1	18.62	84	87.5	230/460	4.1	15	1,106
		182TC	VRBM3161T	2,011	L1	18.62	83	87.5	208-230/460	4.1	15	1,106

(a) See notes on inside back flap and pages 5-6.

Efficiencies shown are nominal. Data subject to change without notice. Contact Baldor for certified data.

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Start & Dynamic Brakes

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	Notes (a)
C-Face, Foot Mounted												
1/2	1800	56C	CBL3518-D	1,023	K	17.29	44	64	115/208-230	4	3	
3/4	1800	56C	CBL3597-D	1,080	K	17.29	47	72	115/208-230	5.5	6	
1	1800	56C	CBL3519-D	1,136	K	17.29	50	67	115/230	6.4	6	30
C-Face, Footless												
1/2	1800	56C	VBL3518-D	1,018	K	17.29	44	64	115/208-230	4	3	
3/4	1800	56C	VBL3597-D	1,075	K	17.29	47	72	115/208-230	5.5	6	
1	1800	56C	VBL3519-D	1,131	K	17.29	50	67	115/230	6.4	6	30

(a) See notes on inside back flap and pages 5-6.

**D-Series
Brake Motor,
Three Phase,
Totally Enclosed**

1/2 thru 10 Hp

NEMA 56 thru 215T

Applications: Unit and baggage handling, 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). 56-140 frames have low profile F3 top-mounted conduit box. D series brake motors can be universally mounted. Inverter ready. 143-145TY and 143-145TYC frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. 2 year warranty.



Hp	RPM	NEMA Frame	Enclosure	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	Notes (a)
Foot Mounted													
1/2	1800	56	TENV	BNM3538-D	779	K	11.25	41	75.5	208-230/460	0.8	3	1,48
3/4	1800	56	TENV	BNM3542-D	1,060	K	11.25	43	84	208-230/460	1.1	6	1,48
1	1800	56	TENV	BNM3546-D	1,100	K	12.25	50	85.5	208-230/460	1.4	6	1,48
		143TY	TENV	BNM3546T-D	1,100	L1	12.32	53	85.5	208-230/460	1.4	6	1,48
1 1/2	1800	56	TENV	BNM3554-D	1,141	K	13.12	32	86.5	208-230/460	2	10	1,48
		145TY	TENV	BNM3554T-D	1,141	L1	13.19	35	86.5	208-230/460	2	10	1,48
2	1800	56	TEFC	BM3558-D	1,168	K	17.29	34	84	208-230/460	3.1	10	1,48
		145TY	TEFC	BM3558T-D	1,168	L1	17.35	25	84	208-230/460	3.1	10	1,48
3	1800	182T	TEFC	BM3611T-D	1,583	L1	20.61	70	87.5	208-230/460	4.1	15	1,48
5	1800	184T	TEFC	BM3615T-D	1,966	L1	21.64	114	89.5	208-230/460	6.5	15	1,48
7 1/2	1800	213T	TEFC	BM3710T-D	2,527	L1	24.29	162	89.5	208-230/460	10.1	25	1,48
10	1800	215T	TEFC	BM3714T-D	3,215	L1	25.42	174	89.5	208-230/460	13.5	35	1,48
C-Face, Foot Mounted													
2	1800	145TYC	TEFC	CBM3558T-D	1,246	L1	17.35	28	84	208-230/460	3.1	10	1,48
3	1800	182TC	TEFC	CBM3611T-D	1,643	L1	20.67	60	87.5	208-230/460	4.1	15	1,48
5	1800	184TC	TEFC	CBM3615T-D	1,947	L1	21.64	110	89.5	208-230/460	6.5	25	1,48
7 1/2	1800	213TC	TEFC	CBM3710T-D	2,642	L1	26.17	162	89.5	208-230/460	10.1	25	1,48
10	1800	215TC	TEFC	CBM3714T-D	3,330	L1	26.17	174	89.5	208-230/460	13.5	35	1,48
C-Face, Footless													
1/2	1800	56C	TEFC	VBM3538-D	1,014	K	17.29	27	74	208-230/460	1.2	3	1,48
		56C	TEFC	VBM3538-5D	1,014	K	16.29	25	74	575	0.9	3	1,48
		56C	TENV	VBNM3538-D	1,038	K	15.96	45	75.5	208-230/460	0.85	3	1,48
3/4	1800	56C	TEFC	VBM3542-D	1,053	K	16.29	41	84	208-230/460	1.1	6	1,48
		56C	TENV	VBNM3542-D	1,077	K	15.96	20	80	208-230/460	1.1	6	1,48
		56C	TEFC	VBM3546-D	1,126	K	15.96	51	85.5	208-230/460	1.4	6	1,48
1	1800	56C	TEFC	VBM3546-D	1,101	K	16.29	20	82.5	208-230/460	1.56	6	1,48
		143TC	TEFC	VBM3546T-D	1,101	L1	16.35	38	82.5	208-230/460	1.56	6	1,48
		143TC	TEFC	VBM3546T-5D	1,101	L1	16.35	27	82.5	575	1.2	6	1,48
		143TC	TENV	VBNM3546T-D	1,126	L1	16.02	28	85.5	208-230/460	1.4	6	1,48
1 1/2	1800	56C	TEFC	VBM3554-D	1,142	K	17.29	51	84	208-230/460	2.4	10	1,48
		56C	TENV	VBNM3554-D	1,166	K	16.83	60	86.5	208-230/460	2	10	1,48
		145TC	TEFC	VBM3554T-D	1,142	L1	17.35	45	84	208-230/460	2.4	10	1,48
		145TC	TEFC	VBM3554T-5D	1,142	L1	17.35	57	84	575	1.7	10	1,48
2	1800	145TC	TENV	VBNM3554T-D	1,166	L1	16.90	33	86.5	208-230/460	2	10	1,48
		56C	TEFC	VBM3558-D	1,168	K	18.09	56	84	208-230/460	3.1	10	1,48
		145TC	TEFC	VBM3558T-D	1,168	L1	17.35	65	84	208-230/460	3.1	10	1,48
3	1800	145TC	TEFC	VBM3558T-5D	1,168	L1	17.35	31	84	575	2.2	10	1,48
		182TC	TEFC	VBM3611T-D	1,618	L1	20.62	65	87.5	208-230/460	4.1	15	1,48
5	1800	182TC	TEFC	VBM3611T-5D	1,618	L1	20.62	65	87.5	575	3.4	15	1,48
		184TC	TEFC	VBM3615T-D	2,001	L1	21.64	115	89.5	208-230/460	6.5	15	1,48
7 1/2	1800	184TC	TEFC	VBM3615T-5D	2,001	L1	21.64	114	89.5	575	5.2	15	1,48
		213TC	TEFC	VBM3710T-D	2,611	L1	25.04	162	89.5	208-230/460	10.1	25	1,48
10	1800	215TC	TEFC	VBM3714T-D	3,299	L1	26.17	174	89.5	208-230/460	13.5	35	1,48

(a) See notes on inside back flap and pages 5-6.

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 Starters & Dynamic Brakes

**Short Series
Brake Motor,
Three Phase,
TEFC**

1/2 thru 5 Hp

NEMA 56 thru 184TC

Applications: Unit and baggage handling, conveyors, packaging equipment, machine tools, hoists, elevators and door operators.

Features: UL/CSA recognized and CE certified. Dodge short series brakes are spring set, magnetically released power off type brakes and integrally mounted in the motor for the most compact design. 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). 56-140 frames have low profile F3 top-mounted conduit box. Inverter ready. SSB brake motors can be universally mounted and are inverter ready. 143-145TY and 143-145TYC frame motors have a special base with 56, 143 and 145 slots used on OEM conveyors. 2 year warranty.



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

Hp	RPM	NEMA Frame	Catalog Number	List Price	Mult. Sym.	"C" Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	Notes (a)
Foot Mounted												
1/2	1800	56	BM3538-S	970	K	14.37	42	74	208-230/460	1.2	3	1,48
3/4	1800	56	BM3542-S	1,008	K	14.37	43	84	208-230/460	1.1	3	1,48
1	1800	56	BM3546-S	1,046	K	14.37	41	82.5	208-230/460	1.56	6	1,48
		143TY	BM3546T-S	1,046	L1	15.43	47	82.5	208-230/460	1.56	6	1,48
1 1/2	1800	145TY	BM3554T-S	1,084	L1	15.43	51	84	208-230/460	2.4	10	1,48
2	1800	145TY	BM3558T-S	1,111	L1	15.43	53	84	208-230/460	3.1	10	1,48
3	1800	182T	BM3611T-S	1,505	L1	18.68	72	87.5	208-230/460	4.1	15	1,48
5	1800	184T	BM3615T-S	1,867	L1	18.68	88	89.5	208-230/460	6.5	25	1,48
C-Face, Footless												
1/2	1800	56C	VBM3538-S	962	K	14.37	44	74	208-230/460	1.2	3	1,48
		56C	VBM3538-5S	962	K	14.37	24	75.5	575	0.6	3	1,48
3/4	1800	56C	VBM3542-S	1,002	K	14.37	41	84	208-230/460	1.1	3	1,48
1	1800	56C	VBM3546-S	1,047	K	14.37	44	82.5	208-230/460	1.56	6	1,48
		56C	VBM3546-5S	1,047	K	14.37	47	82.5	575	1.2	6	1,48
		143TC	VBM3546T-S	1,047	L1	14.43	45	78.5	208-230/460	1.7	6	1,48
1 1/2	1800	56C	VBM3554-S	1,086	K	15.37	51	84	208-230/460	2.4	10	1,48
		145TC	VBM3554T-S	1,086	L1	15.43	51	84	208-230/460	2.4	10	1,48
		145TC	VBM3554T-5S	1,086	L1	15.43	52	84	575	1.7	10	1,48
2	1800	56C	VBM3558-S	1,111	K	15.37	52	84	208-230/460	3.1	10	1,48
		145TC	VBM3558T-S	1,111	L1	15.43	52	84	208-230/460	3.1	10	1,48
		145TC	VBM3558T-5S	1,111	L1	15.43	58	84	575	2.2	10	1,48
3	1800	182TC	VBM3611T-S	1,537	L1	18.68	85	87.5	208-230/460	4.1	15	1,48
5	1800	184TC	VBM3615T-S	1,901	L1	—	88	89.5	208-230/460	6.5	25	1,48

(a) See notes on inside back flap and pages 5-6.

D-Series and SSB Fast Response Brake Kit

Frame	Enclosure	Catalog Number	Voltage	Aprx. Wt. (lb)	List Price	Mult. Sym.
56 - 180	TENV, TEFC, SSB	FBRK115230	115/230	1	108	A8
56 - 180	TENV, TEFC, SSB	FBRK230460	230/460	1	119	A8