

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)	Reliance M/N
Single Phase, C-Face, Foot Mounted												
1/2	1800	56C	CUHL3518	377	K	12.25	32	68	115/230	3.7	30	
1	1800	56C	CUHL3519	460	K	13.25	40	67	115/230	6.4	30	
Single Phase, C-Face, Footless												
1/2	1800	56C	VUHL3518	357	K	12.25	31	68	115/230	3.7	30	
1	1800	56C	VUHL3519	440	K	13.25	40	72	115/230	6.4	30	
Three Phase, C-Face, Foot Mounted												
1/2	1800	56C	CUHM3538	323	K	13.23	30	74	230/460	1	1,48	P56H3120
3/4	1800	56C	CUHM3542	342	K	13.23	32	80	230/460	1.1	1,48	P56H1571
1	1800	56C	CUHM3546	366	K	13.23	35	82.5	208-230/460	1.4	1,48	P56H1573
		143TYC	CEUHM3546T	525	L1	13.29	42	86.5	208-230/460	1.4	1,48	
		143TYC	CUHM3546T	366	L1	13.29	35	82.5	208-230/460	1.4	1,48	P14X1372
1 1/2	1800	56C	CUHM3554	398	K	13.23	41	84	208-230/460	2	1,48	P56X3161
		145TYC	CEUHM3554T	554	L1	13.29	45	86.5	208-230/460	2	1,48	
		145TYC	CUHM3554T	398	L1	13.29	41	84	208-230/460	2	1,48	P14X1371
2	1800	56C	CUHM3558	428	K	13.23	45	84	208-230/460	2.8	1,48	P56X3160
		145TYC	CEUHM3558T	610	L1	14.17	51	86.5	208-230/460	2.7	1,48	
		145TYC	CUHM3558T	428	L1	13.29	45	84	208-230/460	2.8	1,48	P14X1370
3	1800	182TC	CEUHM3611T	714	L1	16.55	69	89.5	208-230/460	4.1	1,48	
		182TC	CUHM3611T	541	L1	16.52	68	87.5	208-230/460	4.1	1,48	P18S3073
5	1800	184TC	CUHM3615T	614	L1	16.55	79	87.5	208-230/460	7.1	1,48	P18S3074
Three Phase, C-Face, Footless												
1/2	1800	56C	VUHM3538	319	K	13.23	29	74	230/460	1	1,48	P56H1590
		56C	VEUHM3538	468	K	13.23	31	82.5	208-230/460	0.8	1,48	
		56C	VUHM3538-5	319	K	13.23	29	74	575	0.8	1,48	
3/4	1800	56C	VUHM3542	338	K	13.23	31	80	230/460	1.3	1,48	P56H1591
		56C	VEUHM3542	497	K	13.23	34	82.5	208-230/460	1.1	1,48	
		56C	VUHM3542-5	338	K	13.23	31	80	575	1.2	1,48	
1	1800	56C	VEUHM3546	511	K	13.23	39	86.5	208-230/460	1.4	1,48	
		56C	VUHM3546-5	362	K	13.23	34	82.5	575	1.2	1,48	
		56C	VUHM3546	362	K	13.23	34	82.5	208-230/460	1.4	1,48	P56H1592
		143TC	VEUHM3546T	521	L1	13.29	41	86.5	208-230/460	1.4	1,48	
		143TC	VUHM3546T	362	L1	13.29	34	82.5	208-230/460	1.4	1,48	P14G9256
		143TC	VUHM3546T-5	362	L1	13.29	34	82.5	575	1.2	1,48	
1 1/2	1800	56C	VUHM3554	394	K	13.23	40	84	208-230/460	2	1,48	P56X363
		145TC	VEUHM3554T	544	L1	13.29	44	86.5	208-230/460	2	1,48	
		145TC	VUHM3554T	394	L1	13.29	40	84	208-230/460	2	1,48	P14G9257
		145TC	VUHM3554T-5	394	L1	13.29	40	84	575	1.7	1,48	
2	1800	56C	VUHM3558	424	K	13.23	44	84	208-230/460	2.8	1,48	P56X365
		145TC	VEUHM3558T	605	L1	14.17	50	86.5	208-230/460	2.7	1,48	
		145TC	VUHM3558T	424	L1	13.29	44	84	208-230/460	2.8	1,48	P14G9258
		145TC	VUHM3558T-5	424	L1	13.29	44	84	575	2.2	1,48	
3	1800	182TC	VEUHM3611T	686	L1	16.55	67	89.5	208-230/460	4.1	1,48	
		182TC	VUHM3611T	513	L1	16.52	66	87.5	208-230/460	4.1	1,48	P18S3068
5	1800	184TC	VUHM3615T	586	L1	16.55	77	87.5	208-230/460	7.1	1,48	P18S3070

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

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. The brake coil is connected in the motor conduit box so it may be disconnected and separately excited if the motor is used with an inverter. Stearns brake thru 1 Hp; SSB 1.5 thru 3 Hp.

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)	Reliance M/N
C-Face, Footless													
1/2	1800	56C	VRBM3538	1,047	K	13.62	36	75.5	208-230/460	0.9	6	1,60	P56A1200
3/4	1800	56C	VRBM3542	1,227	K	14.50	37	75	208-230/460	1.3	6	1,60	P56A1201
1	1800	56C	VRBM3546	1,414	K	15.50	46	80	230/460	1.6	6	1,60	
		143TC	VRBM3546T	1,414	L1	15.57	54	80	208-230/460	1.7	6	1,60	P14A1200
1 1/2	1800	145TC	VRBM3554T	1,586	L1	16.37	72	81.5	208-230/460	2.3	10	1,60	P14A1201
2	1800	145TC	VRBM3558T	1,628	L1	17.25	76	84	208-230/460	2.8	10	1,60	P14A1202
		145TC	VRBM3561T	1,678	L1	18.62	82	84	230/460	3.3	15	1,60	
3	1800	145TC	VRBM3561T	1,678	L1	18.62	82	84	230/460	3.3	15	1,60	
		182TC	VRBM3161T	1,844	L1	18.62	83	87.5	208-230/460	4.1	15	1,60	P18A1203

(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.

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 or connecting separately. 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)	Reliance M/N
C-Face, Foot Mounted													
1/2	1800	56C	CBL3518-D	938	K	—	44	68	115/230	3.7	3	30	C56H7284
3/4	1800	56C	CBL3597-D	990	K	—	47	72	115/230	4.2	6	30	C56H7285
1	1800	56C	CBL3519-D	1,041	K	14.44	50	67	115/230	6.4	6	30	C56H7286
C-Face, Footless													
1/2	1800	56C	VBL3518-D	933	K	—	44	68	115/230	3.7	3	30	C56H7289
3/4	1800	56C	VBL3597-D	985	K	—	47	72	115/230	4.2	6	30	C56H7290
1	1800	56C	VBL3519-D	1,037	K	14.44	50	67	115/230	6.4	6	30	C56H7291

(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

**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 or connecting separately. 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.



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	Enclosure	Catalog Number	List Price	Mult. Sym.	“C” Dim.	Aprx. Wt. (lb)	Full Load Efficiency	Voltage	Full Load Amps	Brake Rating	Notes (a)	Reliance M/N
Foot Mounted														
1/2	1800	56	TENV	BNM3538-D	714	K	11.25	41	75.5	208-230/460	0.8	3	1,48	P56H7202
3/4	1800	56	TENV	BNM3542-D	972	K	11.25	45	72	208-230/460	1.1	6	1,48	P56H7203
1	1800	56	TENV	BNM3546-D	1,008	K	12.25	53	81.5	208-230/460	1.7	6	1,48	P56H7204
		143TY	TENV	BNM3546T-D	1,008	L1	12.32	54	81.5	208-230/460	1.6	6	1,48	P14H7200
1 1/2	1800	56	TENV	BNM3554-D	1,046	K	13.12	60	82.5	208-230/460	2.1	10	1,48	P56H7205
		145TY	TENV	BNM3554T-D	1,046	L1	13.19	62	82.5	208-230/460	2.1	10	1,48	P14H7201
2	1800	56	TEFC	BM3558-D	1,071	K	18.09	62	84	208-230/460	2.9	10	1,48	P56H7206
		145TY	TEFC	BM3558T-D	1,071	L1	18.16	64	84	208-230/460	2.9	10	1,48	P14H7202
3	1800	182T	TEFC	BM3611T-D	1,451	L1	17.93	98	82.5	208-230/460	4.3	15	1,48	P18A7200
5	1800	184T	TEFC	BM3615T-D	1,802	L1	17.93	110	87.5	208-230/460	7.1	15	1,48	P18A7201
7 1/2	1800	213T	TEFC	BM3710T-D	2,317	L1	17.93	162	87.5	208-230/460	10.9	25	1,48	P21G3940
10	1800	215T	TEFC	BM3714T-D	2,948	L1	17.93	174	87.5	208-230/460	13.5	35	1,48	P21G3941
C-Face, Foot Mounted														
2	1800	145TYC	TEFC	CBM3558T-D	1,142	L1	18.16	64	84	208-230/460	2.9	10	1,48	P14H7205
3	1800	182TC	TEFC	CBM3611T-D	1,506	L1	17.93	98	87.5	208-230/460	4.1	15	1,48	P18A7202
5	1800	184TC	TEFC	CBM3615T-D	1,785	L1	17.93	110	87.5	208-230/460	7.1	25	1,48	P18G3941
7 1/2	1800	213TC	TEFC	CBM3710T-D	2,422	L1	21.87	162	87.5	208-230/460	10.9	25	1,48	P21G3942
10	1800	215TC	TEFC	CBM3714T-D	3,053	L1	21.87	174	87.5	208-230/460	13.5	35	1,48	P21G3943
C-Face, Footless														
1/2	1800	56C	TEFC	VBM3538-D	929	K	16.21	38	75.5	208-230/460	0.9	3	1,48	
		56C	TEFC	VBM3538-5D	929	K	16.21	39	75.5	575	0.8	3	1,48	P56H7285
		56C	TENV	VBNM3538-D	951	K	11.25	38	80	208-230/460	0.8	3	1,48	P56X7212
3/4	1800	56C	TEFC	VBM3542-D	965	K	16.21	43	80	208-230/460	1.3	6	1,48	P56H7213
		56C	TENV	VBNM3542-D	987	K	11.25	42	80	208-230/460	1.1	6	1,48	P56X7201
		56C	TENV	VBNM3546-D	1,032	K	12.25	56	81.5	208-230/460	1.4	6	1,48	P56X7202
1	1800	56C	TEFC	VBM3546-D	1,009	K	16.21	54	82.5	208-230/460	1.4	6	1,48	P56H7214
		143TC	TEFC	VBM3546T-D	1,009	L1	16.28	55	82.5	208-230/460	1.4	6	1,48	P14H7206
		143TC	TEFC	VBM3546T-5D	1,009	L1	16.28	55	82.5	575	1.4	6	1,48	P14H7236
		143TC	TENV	VBNM3546T-D	1,032	L1	12.32	56	81.5	208-230/460	1.4	6	1,48	P14X7206
		56C	TEFC	VBM3554-D	1,047	K	16.21	57	84	208-230/460	2.1	10	1,48	P56H7215
		56C	TENV	VBNM3554-D	1,069	K	13.12	60	84	208-230/460	2.1	10	1,48	P56X7203
1 1/2	1800	145TC	TEFC	VBM3554T-D	1,047	L1	16.28	57	84	208-230/460	2.1	10	1,48	P14H7207
		145TC	TEFC	VBM3554T-5D	1,047	L1	16.28	57	84	575	1.7	10	1,48	P14H7237
		145TC	TENV	VBNM3554T-D	1,069	L1	13.19	62	84	208-230/460	2.1	10	1,48	P14X7203
2	1800	56C	TEFC	VBM3558-D	1,071	K	18.09	62	84	208-230/460	2.9	10	1,48	P56H7216
		145TC	TEFC	VBM3558T-D	1,071	L1	18.16	65	84	208-230/460	2.9	10	1,48	P14H7208
		145TC	TEFC	VBM3558T-5D	1,071	L1	18.16	65	84	575	2.2	10	1,48	P14H7238
3	1800	182TC	TEFC	VBM3611T-D	1,483	L1	17.93	98	87.5	208-230/460	4.1	15	1,48	P18A7203
		182TC	TEFC	VBM3611T-5D	1,483	L1	17.93	98	87.5	575	3.4	15	1,48	P18A7206
5	1800	184TC	TEFC	VBM3615T-D	1,834	L1	17.93	110	85.5	208-230/460	6.6	15	1,48	P18A7204
		184TC	TEFC	VBM3615T-5D	1,834	L1	17.93	110	87.5	575	7.1	15	1,48	P18A7207
7 1/2	1800	213TC	TEFC	VBM3710T-D	2,394	L1	22.75	162	87.5	208-230/460	10.9	25	1,48	P21G1795
10	1800	215TC	TEFC	VBM3714T-D	3,025	L1	22.75	174	87.5	208-230/460	13.5	35	1,48	P21G1796

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

**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 or connecting separately. 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.

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)	Reliance M/N
Foot Mounted													
1/2	1800	56	BM3538-S	889	K	14.37	46	75.5	208-230/460	1.2	3	1,48	P56H7302
3/4	1800	56	BM3542-S	924	K	14.37	50	80	208-230/460	1.1	3	1,48	P56H7303
1	1800	56	BM3546-S	959	K	14.37	52	78.5	208-230/460	1.6	6	1,48	P56H7304
		143TY	BM3546T-S	959	L1	14.43	52	78.5	208-230/460	1.6	6	1,48	P14H7300
1 1/2	1800	145TY	BM3554T-S	994	L1	14.43	55	78.5	208-230/460	2.5	10	1,48	P14H7301
2	1800	145TY	BM3558T-S	1,018	L1	15.43	50	84	208-230/460	2.8	10	1,48	P14H7302
3	1800	182T	BM3611T-S	1,380	L1	15.14	70	82.5	208-230/460	3.3	15	1,48	P18A7300
5	1800	184T	BM3615T-S	1,712	L1	—	88	85.5	208-230/460	6.6	25	1,48	P18A7301
C-Face, Footless													
1/2	1800	56C	VBM3538-S	882	K	14.37	46	75.5	208-230/460	0.9	3	1,48	P56H7312
		56C	VBM3538-5S	882	K	14.37	46	75.5	575	0.8	3	1,48	P56H7321
3/4	1800	56C	VBM3542-S	918	K	14.37	50	80	208-230/460	1.1	3	1,48	P56H7313
1	1800	56C	VBM3546-S	960	K	14.37	52	78.5	208-230/460	1.7	6	1,48	P56H7314
		56C	VBM3546-5S	960	K	14.37	52	78.5	575	1.2	6	1,48	P56H7318
		143TC	VBM3546T-S	960	L1	14.43	52	78.5	208-230/460	1.7	6	1,48	P14H7306
1 1/2	1800	56C	VBM3554-S	995	K	14.37	55	78.5	208-230/460	2.5	10	1,48	P56H7315
		145TC	VBM3554T-S	995	L1	14.43	55	78.5	208-230/460	2.1	10	1,48	P14H7307
		145TC	VBM3554T-5S	995	L1	14.43	55	78.5	575	1.7	10	1,48	P14H7313
2	1800	56C	VBM3558-S	1,018	K	15.37	50	84	208-230/460	2.8	10	1,48	P56H7316
		145TC	VBM3558T-S	1,018	L1	15.43	50	84	208-230/460	2.8	10	1,48	P14H7308
		145TC	VBM3558T-5S	1,018	L1	15.43	50	84	575	2.2	10	1,48	P14H7314
3	1800	182TC	VBM3611T-S	1,409	L1	17.31	70	82.5	208-230/460	3.3	15	1,48	P18A7303
5	1800	184TC	VBM3615T-S	1,743	L1	18.93	88	85.5	208-230/460	6.6	25	1,48	P18A7304

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

D-Series and SSB Fast Response Brake Rectifier Kit

Frame	Enclosure	Catalog Number	Voltage	Aprx. Wt. (lb)	List Price	Mult. Sym.
56 - 180	TENV, TEFC, SSB	FBRK115230	115/230	1	99	A8
56 - 180	TENV, TEFC, SSB	FBRK230460	230/460	1	109	A8

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