

Farm Duty Motors

WEG offers a complete line of TEFC Farm Duty motors providing high starting torque for the most demanding applications. Standard features such as v-rings provide versatility for indoor and outdoor applications. Overload protection available in all frames protects the motor from extreme overloads and offers maximum safety to operators.

General Purpose - TEFC

- Double shielded ball bearings
- Insulation class B (Frame 56 - 145T)
- Insulation class F with class B temperature rise (Frame W182T and up)
- NPT threaded terminal box
- Start capacitor and run capacitor (2 HP and up)
- High starting Torque
- Manual Reset Thermal Overload Protector

Poultry Fan - TEAO

- Double shielded ball bearings
- Insulation class B
- Automatic Reset Thermal Overload Protector

Auger Drive - TEFC

- Double shielded ball bearings
- Two bolts mounting NEMA 'N' flange
- Extended shaft (NDE) with wrench flat for manual jogging of auger
- Centrifugal start switch protected against auger drive overspeed
- Manual Reset Thermal Overload Protector



Rolled Steel

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-71
MECHANICAL DATA: C-53



Cast Iron

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-71
MECHANICAL DATA: C-52



Poultry Fan

ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-72
MECHANICAL DATA:
Contact WEG



Auger Drive

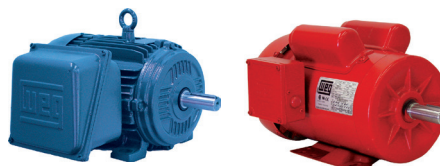
ADDITIONAL TECHNICAL DATA

ELECTRICAL DATA: B-72
MECHANICAL DATA: C-54



Farm Duty Motors

TEFC – Single-Phase – General Purpose – Foot Mount



HP	kW	RPM	NEMA Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	B56	.3318ES1RFDB56	284	R1	23	1.15	2.80	61.0	11.102	115/230	4;9
0.5	0.37	1800	B56	.5018ES1RFDB56	308	R1	25	1.15	3.70	66.5	11.102	115/230	4;9
0.75	0.55	1800	B56	.7518ES1RFDB56	357	R1	28	1.15	5.30	68.5	11.102	115/230	4;9
1	0.75	1800	F143/5T	00118ES1RFD143T	400	R1	42	1.15	7.00	70.3	13.839	115/230	4;9
		1800	D56	00118ES1RFDD56	394	R1	36	1.15	7.00	70.3	12.283	115/230	4;9
1.5	1.1	1800	G143/5T	00158ES1RFD145T	504	R1	50	1.15	8.70	76.5	14.233	115/230	4;9
		1800	F56H	00158ES1RFD56H	502	R1	51	1.15	8.70	76.5	13.464	115/230	4;9
2	1.5	1800	G143/5T	00218ES1RFD145T	578	R1	57	1.15	10.5	78.1	14.233	115/230	4;9
		1800	W182/4T	00218ES1RFD182T	790	R1	95	1.15	10.0	81.0	17.244	115/230	4
		1800	G56H	00218ES1RFDG56H	529	R1	55	1.15	10.5	78.1	13.858	115/230	4;9
3	2.2	1800	W182/4T	00318ES1DFD184T	915	R1	99	1.15	14.5	81.0	17.244	230	4
5	3.7	1800	184T	00518ES1DFD184T	1,074	R1	119	1.15	21.4	79.0	17.050	230	4
		1800	W213/5T	00518ES1DFD215T	1,205	R1	133	1.15	21.4	79.0	20.984	230	4
		1800	W213/5TZ	00518ES1DFD215Z	1,205	R1	132	1.15	21.4	79.0	20.984	230	4
7.5	5.5	1800	215T	00718ES1DFD215T	1,463	R1	166	1.15	33.0	83.0	19.567	230	4
		1800	215TZ	00718ES1DFD215Z	1,463	R1	166	1.15	33.0	83.0	19.567	230	4
10	7.5	1800	215T	01018ES1DFD215T	1,692	R1	187	1.15	40.0	83.0	19.567	230	4

Refer to electrical and mechanical data sections for additional technical information. Please refer to back cover for description of "NOTES"

For detailed specifications, data sheets, drawings and performance curves visit <http://catalog.wegelectric.com>



Farm Duty Motors

TEFC – Single-Phase – Auger Drive – Footless

HP	kW	RPM	NEMA Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	B56N	.3318ES1RADB56N	386	A1	25	1.15	2.80	61.0	12.760	115/230	4;9;20
0.5	0.37	1800	B56N	.5018ES1RADB56N	438	A1	27	1.15	3.70	66.5	12.760	115/230	4;9;20
0.75	0.55	1800	B56N	.7518ES1RADB56N	454	A1	29	1.15	5.30	68.5	12.760	115/230	4;9;20
1	0.75	1800	D56N	00118ES1RADD56N	567	A1	36	1.15	7.00	70.3	13.940	115/230	4;9;20
1.5	1.1	1800	F56N	00158ES1RADF56N	953	A1	50	1.15	8.70	76.5	15.120	115/230	4;9;20

Farm Duty Motors



TEAO – Single-Phase – Poultry Fan – Foot Mount



HP	kW	RPM	NEMA Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	48	.3318ES1BPFC48	311	G1	23	1.25	3.00	64.0	10.748	115/208-230	3;9;16
0.5	0.37	1800	C56	.5018ES1BPFC56	336	G1	27	1.25	4.20	65.0	11.102	115/208-230	3;9;16
0.75	0.55	1800	B56	.7518ES1BPFB56	414	G1	33	1.25	5.60	70.0	11.102	115/208-230	3;9
1	0.75	1800	D56	00118ES1BPFD56	449	G1	35	1.15	7.00	72.0	12.283	115/208-230	3;9



Farm Duty Motors

TEAO - Single-Phase - Poultry Fan - Resilient Base

HP	kW	RPM	NEMA Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	48	.3318ES1BRBPFC48	325	G1	23	1.25	3.00	64.0	11.339	115/208-230	3;9;13;16
0.5	0.37	1800	C56	.5018ES1BRBPFC56	350	G1	27	1.25	4.20	65.0	11.732	115/208-230	3;9;13;16
0.75	0.55	1800	B56	.7518ES1BRBPFB56	433	G1	33	1.25	5.60	70.0	11.811	115/208-230	3;9;13
1	0.75	1800	D56	00118ES1BRBPFD56	469	G1	35	1.15	7.00	72.0	12.992	115/208-230	3;9;13