

WASHDOWN MOTORS AND DRIVES

Motors

Automation

Energy

Transmission and
Distribution

Coatings

Solutions for
Washdown
Applications



Driving efficiency and sustainability



Encapsulated Washdown Motors

Encapsulated winding and our patented sealing system to ensure they will withstand the most severe applications.

Hydroduty™



Our Ultimate Washdown Motor

- This is our ultimate stainless steel waterproof motor. It has been proven to provide 75% more cycles than other brands through extreme environment testing.
- Significantly reduces motor replacement and downtime costs
- Meets NEMA MG1 Part 31 for InverterDuty operation; 10:1 CT; 10:1 VT



Performance Specifications

- 1/2 to 10 hp, 860, 1140, 1725 or 3450 RPM
- TENV or TEFC enclosures
- NEMA Frames 56C - 215TC
- Metric Frame 80-B5 and 100L
- Meets IP69K enclosure protection

PickerPlus™



Severe Duty Feather Picker Motor

- Withstands frequent sanitizing with high pressure sprays and caustic fluids.
- Designed to withstand extreme side loading requirements

Performance Specifications

- 3 hp, 1725 RPM
- TEFC enclosure
- 145TC NEMA or 100L Metric Frames
- Footless or Base Mounted
- C-Face
- Meets IP69K enclosure protection

General Purpose Washdown Motors

Shark™



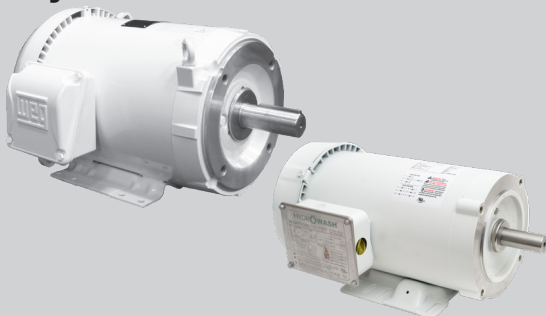
Stainless Steel Washdown Motor

- For use in food processing, pharmaceutical and other applications requiring extreme cleanliness
- Class F epoxy insulation
- Meets NEMA MG1 Part 31 for Inverter Duty operation; 6:1 CT; 10:1 VT

Performance Specifications

- 1-30 hp NEMA Premium
- 1800 and 3600 RPM
- TEFC enclosures
- Frames 143TC to 286TC
- Base Mounted
- Meets IP56 enclosure protection

HydroWash™



White Painted Washdown Motor

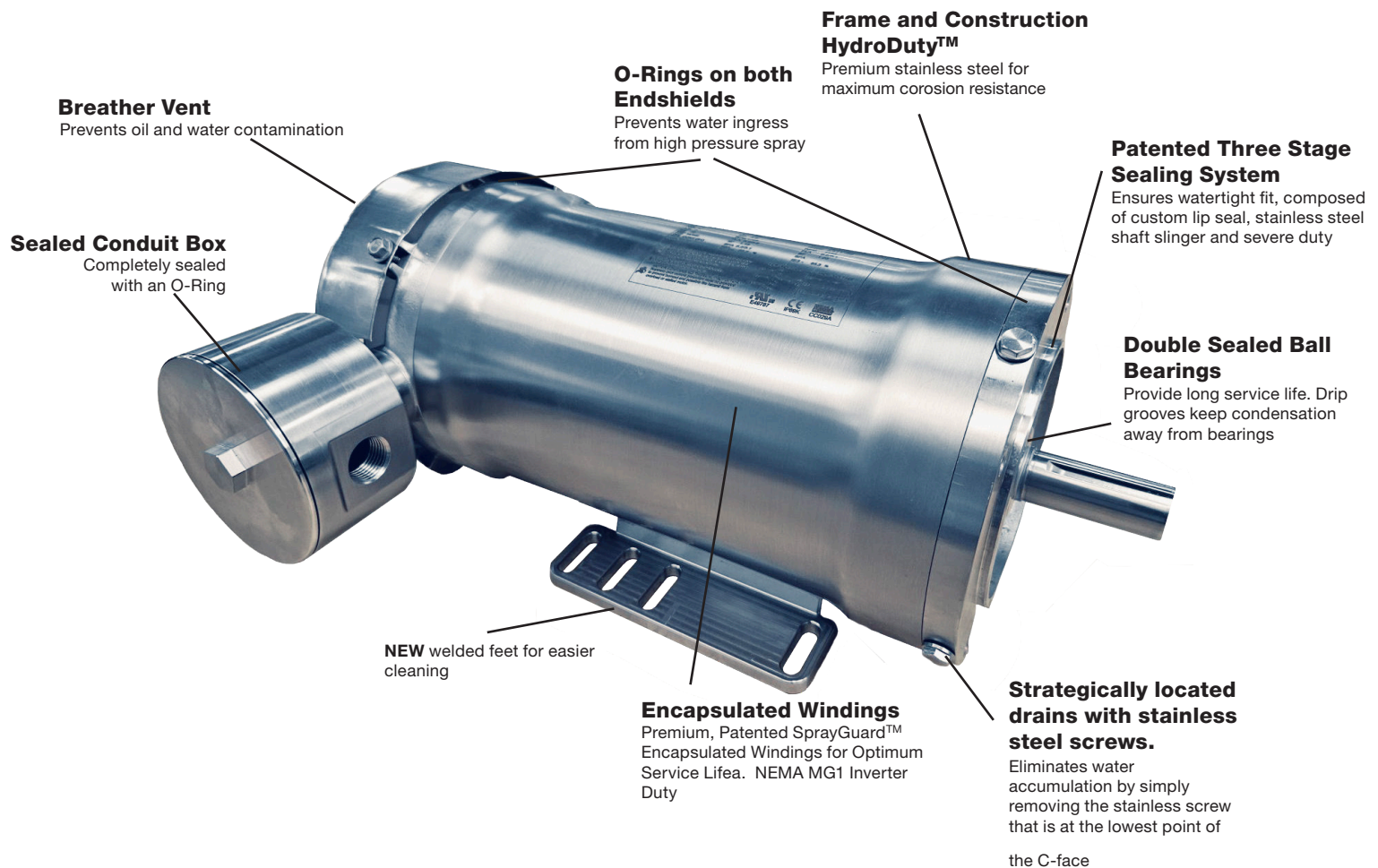
- Designed for long service life in general purpose washdown applications
- It provides extended service life that can reduce your downtime costs for motor replacement
- Meets NEMA MG1 Part 31 for Inverter Duty operation; 6:1 CT; 10:1 VT

Performance Specifications

- 1/2 to 25hp
- TENV or TEFC enclosures
- NEMA Frames 56C - 256TC
- Footless or Base Mounted
- Meets IP56 enclosure protection

Cross other manufacturer's models to WEG equivalents



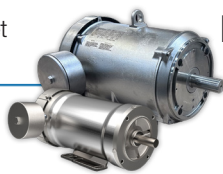


HydroDuty General features

- Available from 0.5HP up to 10 HP
- TENV or TEFC enclosures
- NEMA Frames 56C, 143/5TC, 183/4TC and 210TC
- Independent Feet
- IP69K Certified
- Inverter Rated
- Internal Aegis Shaft Grounding ring available upon inquiry
- Warranty Includes Water Ingress for 12 months after installation. (If water causes the motor to fail WEG considers this a defect in materials and workmanship.)
- NEMA Premium design
- This is our ultimate stainless steel waterproof motor. It has been proven to provide 75% more cycles than other brands through extreme environment testing.
- Significantly reduces motor replacement and downtime costs
- EZ-Connect available on 56/140T frames
- 300 Stainless Steel Series Construction
- Color coded leads

* Patent Pending





HydroDuty™ - Stainless Steel - TEFC - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in.)	Voltage (V)	Notes
0.5	0.37	1200	56C	1311087133 ²	\$1,694	S3	52	1.15	1.10	75.5	13.99/13.88	230/460	21;41
0.75	0.55	1800	56C	1311087121 ²	\$1,544	S3	46	1.15	1.30	81.5	13.24/13.88	230/460	21;41
		900	56C	1311087159 ²	\$1,794	S3	61	1.00	2.70	70.0	15.42/15.63	230/460	1;21
1	0.75	3600	56C	1313087156 ²	\$1,601	S3	48	1.15	1.50	77.0	13.24/13.88	460	21;41
		1800	56C	1311087115 ²	\$1,619	S3	53	1.15	1.60	85.5	14.49/14.63	230/460	21;41
		1800	143TC	1311087124 ²	\$1,642	S3	53	1.15	1.60	85.5	14.60/14.69	230/460	21;41
		1200	56C	1311087138 ²	\$1,875	S3	62	1.15	1.90	82.5	15.49/15.63	230/460	21;41
		1200	145TC	1311087130 ²	\$1,868	S3	62	1.15	1.90	82.5	15.56/15.69	230/460	21;41
		3600	56C	1313087154 ²	\$1,658	S3	49	1.15	2.30	84.0	13.24/13.88	230/460	21;41
1.5	1.1	1800	56C	1311087110 ²	\$1,683	S3	55	1.15	2.20	84.0	15.49/15.63	230/460	21;41
		1800	145TC	1311087111 ²	\$1,706	S3	55	1.15	2.20	84.0	15.56/15.69	230/460	21;41
		3600	56C	1313087152 ²	\$1,958	S3	54	1.15	2.90	85.5	13.99/14.63	230/460	21;41
2	1.5	3600	145TC	1313087153 ²	\$1,976	S3	54	1.15	2.90	85.5	14.06/14.69	230/460	21;41
		1800	56C	1311087114 ²	\$1,981	S3	62	1.15	2.80	86.5	15.49/15.63	230/460	21;41
		1800	145TC	1311087113 ²	\$2,005	S3	62	1.15	2.80	86.5	15.56/15.69	230/460	21;41
		3600	56C	1313087152 ²	\$1,958	S3	54	1.15	2.90	85.5	13.99/14.63	230/460	21;41
3	2.2	3600	182TC	00336ET3EHD182TC	\$2,915	S3	90	1.15	3.8	86.5	15.78	230/460	21, 45
		1800	182TC	00318ET3EHD182TC	\$2,875	S3	85	1.15	3.9	89.5	15.78	230/460	21, 45
5	3.7	3600	184TC	00536ET3EHD184TC	\$3,500	S3	103	1.15	6.2	88.5	15.78	230/460	21, 45
		1800	184TC	00518ET3EHD184TC	\$3,305	S3	160	1.15	6.3	89.5	15.78	230/460	21, 45
7.5	5.5	3600	213TC	00736ET3EHD213TC	\$4,151	S3	203	1.15	9.3	89.5	19.18	230/460	21, 45
		1800	213TC	00718ET3EHD213TC	\$4,280	S3	173	1.15	9.6	91.7	19.18	230/460	21, 45
10	7.5	3600	215TC	01036ET3EHD215TC	\$4,693	S3	213	1.15	11.8	90.2	19.18	230/460	21, 45
		1800	215TC	01018ET3EHD215TC	\$4,968	S3	205	1.15	13.2	91.7	19.18	230/460	21, 45

HydroDuty™ - Stainless Steel - TENV - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in.)	Voltage (V)	Notes
0.50	0.37	1800	56C ²	1321087115	\$1,439	S3	45	1.00	0.90	78.5	11.40/12.87	230/460	1;21;41
0.75	0.55	3600	56C ²	1323087110	\$1,460	S3	52	1.15	1.10	77.0	12.15/12.87	230/460	21;41
		1800	56C ²	1321087113	\$1,483	S3	50	1.00	1.20	81.5	12.15/12.87	230/460	1;21;41
1	1.75	1800	56C ²	1321087112	\$1,591	S3	58	1.00	1.60	85.5	13.15/13.62	230/460	1;21;41
		1800	56C ²	1321087139 ^{**}	\$1,696	S3	58	1.00	1.60	85.5	13.15/13.62	230/460	21;41
		1800	143TC/56C ²	1321087119	\$1,615	S3	58	1.00	1.60	85.5	13.22/13.68	230/460	1;21;41

****Low temperature ratings**

All ratings are 208-230/460; 40° C ambient; Class F insulation

56 and 145 Frame models also rated 230/460, 50HZ, 1.0SF

¹ Regular terminal box

² EZ-Connect model

Notes:

1) 1.0 service factor

21) Stainless Steel Body

41) Also rated 230/460V 50Hz 1.0 SF

45) Also rated 380V 50Hz

Find the Right Drive for your
HydroDuty™ Motor on page 6



HydroDuty™ - Stainless Steel - TEFC - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	"C" Dimension (in.)	Voltage (V)	Notes
0.75	0.55	1725	56C	1311087122 ²	\$1,526	S3	45	1.15	1.30	81.5	13.24/13.88	230/460	1;20;21
1	0.75	3450	56C	1313087161 ²	\$1,581	S3	47	1.15	1.50	77.0	13.24/13.88	230/460	20;21;41
		1725	56C	1311087123 ²	\$1,601	S3	52	1.15	1.60	85.5	14.49/14.63	230/460	1;20;21
		1725	143TC	1311087125 ²	\$1,626	S3	52	1.15	1.60	85.5	14.56/14.69	230/460	1;20;21
		1725	56C	1311087117 ²	\$1,663	S3	54	1.15	2.20	86.5	15.49/15.63	230/460	1;20;21
1.5	1.1	1725	145TC	1311087118 ²	\$1,688	S3	54	1.15	2.20	86.5	15.56/15.69	230/460	1;20;21
2	1.5	1725	56C	1311087119 ²	\$1,962	S3	61	1.15	2.80	86.5	15.49/15.63	230/460	1;20;21
		1725	145TC	1311087120 ²	\$1,985	S3	61	1.15	2.80	86.5	15.56	230/460	1;20;21
3	2.2	1725	184TC	H311007113 ⁽¹⁾	\$2,805	S3	112	1.15	4.30	89.5	19.09	230/460	1;20;21
5	3.7	1725	184TC	H311007112 ⁽¹⁾	\$3,295	S3	120	1.00	6.70	89.5	19.09	230/460	1;20;21

HydroDuty™ - Stainless Steel - TENV - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	"C" Dimension (in.)	Voltage (V)	Notes
0.5	0.37	1725	56C	1321087121 ²	\$1,421	S3	44	1.00	0.85	81.5	11.40/12.8	230/460	1;20;21;41
0.75	0.55	3450	56C	1323087114 ²	\$1,443	S3	51	1.15	1.10	77.0	12.15/12.8	230/460	1;20;21
		1725	56C	1321087117 ²	\$1,465	S3	49	1.00	1.20	81.5	12.15/12.8	230/460	1;20;21;41
1	0.75	1725	56C	1321087125 ²	\$1,572	S3	57	1.00	1.60	85.5	13.15/13.62	230/460	1;20;21;41
		1725	56C	1321087140 ^{**2}	\$1,676	S3	58	1.00	1.60	85.5	13.15/13.62	230/460	1;20;21;41
		1725	143TC	1321087124 ²	\$1,595	S3	57	1.00	1.60	85.5	13.22/13.68	230/460	1;20;21;41
		1725	100L	1321087158	\$1,891	S3	52	1.00	1.60	85.5	13.44/13.91	230/460	1;20;21

****Low temperature ratings**

All ratings are 208-230/460; 40° C ambient; Class F insulation

56 and 145 Frame models also rated 230/460, 50HZ, 1.0SF

¹ Regular terminal box

² EZ-Connect model

Notes:

1) 1.0 service factor

20) Round Body - Drip Cover included

21) Stainless Steel Body

41) Also rated 230/460V 50Hz 1.0 SF

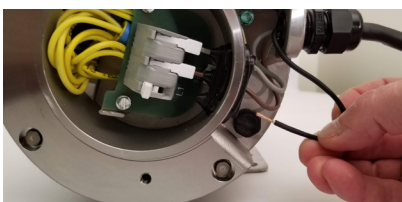
Find the Right Drive for your HydroDuty™ Motor on page 7



Available on 56/140T frames



1. Insert the incoming power leads thru the waterproof Seal.



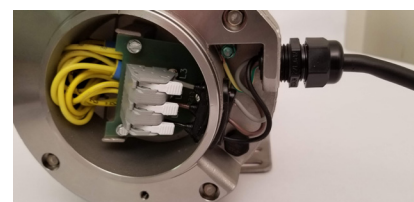
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2. Grommets automatically align the leads to the correct slot.



2

3. Push the levers closed.



3

Drive Match



Encapsulated Washdown Motors Hydroduty™ Motor and CFW500 Washdown Drive Quick Selection Guide

C-Face Foot Mount

HP	RPM	Volts	Catalog Number	Motor List Price	FL Amps @ high	230V Drive ¹	Drive List Price	460V Drive ¹	Drive List Price
0.5	3600	230/460	1323007112	\$1,416	0.80	CFW500A02P6B2DB66G2	\$800	CFW500A01P0T4DB66G2	\$950
	1800	230/460	1321087115	\$1,439	0.90	CFW500A02P6B2DB66G2	\$800	CFW500A01P0T4DB66G2	\$950
	1200	230/460	1311087133	\$1,694	1.10	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
0.75	3600	230/460	1323087110	\$1,460	1.10	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1321087113	\$1,483	1.20	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1311087121	\$1,544	1.30	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	900	460	1311087159	\$1,794	2.70	-		CFW500A04P3T4DB66G2	\$1,175
1	3600	230/460	1313087156	\$1,601	1.50	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1321087112	\$1,591	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1311087115	\$1,619	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1321087139	\$1,696	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1321087119	\$1,615	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1311087124	\$1,642	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1200	230/460	1311087138	\$1,875	1.90	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1200	230/460	1311087130	\$1,886	1.90	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
1.5	3600	230/460	1313087154	\$1,658	2.30	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	1800	230/460	1311087110	\$1,683	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	1800	230/460	1311087111	\$1,706	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
2	3600	230/460	1313087152	\$1,958	2.90	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	3600	230/460	1313087153	\$1,976	2.90	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	1311087114	\$1,981	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	1311087113	\$2,005	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
3	1800	230/460	H311007111	\$2,905	4.30	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
5	1800	230/460	H311007110	\$3,305	6.70	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650
7.5	3600	230/460	00736ET3EHD213TC	\$4,151	89.5	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	1800	230/460	00718ET3EHD213TC	\$4,280	91.7	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
10	3600	230/460	01036ET3EHD215TC	\$4,693	90.2	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
10	1800	230/460	01018ET3EHD215TC	\$4,968	91.7	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050

Notes:

1. Drives selected to match motor FLA.

Drive Match



Encapsulated Washdown Motors Hydroduty™ Motor and CFW500 Washdown Drive Quick Selection Guide

C-Face Footless

HP	RPM	Volts	Catalog Number	Motor List Price	460V Amps	230V Drive ¹	Drive List Price	460V Drive ¹	Drive List Price
0.50	1800	230/460	1321087121	\$1,421	0.85	CFW500A02P6B2DB66G2	\$800	CFW500A01P0T4DB66G2	\$950
0.75	3600	230/460	1323087114	\$1,443	1.10	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1321087117	\$1,465	1.20	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
		230/460	1311087122	\$1,526	1.30	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
		230/460	1313087161	\$1,581	1.50	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
1	3600	230/460	1321087125	\$1,572	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	1321087140	\$1,676	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	1800	230/460	1311087123	\$1,601	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	1321087124	\$1,595	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	1311087125	\$1,626	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	1321087158	\$1,891	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	1311087152	\$1,879	1.60	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	1311087117	\$1,663	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
1.5	1800	230/460	1311087118	\$1,688	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
2	1800	230/460	1311087119	\$1,962	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
		230/460	1311087120	\$1,985	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
3	1800	230/460	H311007113	\$2,805	4.30	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
5	1800	230/460	H311007112	\$3,295	6.70	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650

Notes:

1. Drives selected to match motor FLA.

PickerPlus™



C-Face - Foot Mount

HP	RPM	Frame	Catalog Number	List Price	Multi.	Base	Enclosure	HZ	SF	FL Amps	C Dim	KVA Code	Appr. Ship Wt (lbs.)
3	1725	145TC	1311017192	\$1,736	S3	Y	TEFC	60	1.00	8.80/4.40	15.560	J	68
	1725	100L-B14	1311017196	\$1,852	S3	Y	TEFC	60	1.00	8.80/4.40	15.780	J	68



C-Face - Footless

HP	RPM	Frame	Catalog Number	List Price	Multi.	Base	Enclosure	HZ	SF	FL Amps	C Dim	KVA Code	Appr. Ship Wt (lbs.)
3	1725	100L-B14	1311017195	\$1,803	S3	N	TEFC	60	1.00	8.80/4.40	15.780	J	66
	1725	100L-B5	1311017191	\$1,820	S3	N	TEFC	60	1.00	8.80/4.40	16.180	J	71

Shark™



Find the **Right Drive** for your
Shark™ Motor on page 11

Shark™ - Stainless Steel - TEFC & TENV - C-Face - Foot Mount

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Approx. Shipping Weight (lbs)	Enclosure	Service Factor	FL Amps @ High	FL. Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	56C	.3318NP3ESS56C	\$675	S1	29	TENV	1.15	0.53	79.8	11.250	230/460	17;21
		3600	56C	.3336NP3ESS56C	\$675	S1	25	TENV	1.15	0.54	71	10.236	230/460	21, 17
0.50	0.37	3600	56C	.5036EP3ESS56C	\$618	S1	30	TENV	1.15	0.65	78.3	11.250	230/460	17;21
		1800	56C	.5018EP3ESS56C	\$696	S1	33	TENV	1.15	0.73	81.2	11.250	230/460	17;21
		1200	56C	.5012EP3ESS56C	\$760	S1	34	TENV	1.15	0.86	79.1	11.670	230/460	17;21
0.75	0.55	3600	56C	.7536EP3ESS56C	\$681	S1	30	TENV	1.15	1.02	81.9	11.250	230/460	17;21
		1800	56C	.7518EP3ESS56C	\$798	S1	34	TENV	1.15	1.06	81.3	11.250	230/460	17;21
		1200	56HC	.7512EP3ESS56C	\$868	S1	41	TENV	1.15	1.22	82.9	11.670	230/460	17;21
1	0.75	3600	56HC	00136ET3ESS56C	\$836	S1	38	TEFC	1.15	1.45	77.0	14.000	230/460	21
		3600	56HC	00136NT3HSS56C	\$912	S1	34	TENV	1.15	1.16	77	11.772	575	21, 17
		3600	56HC	00136NT3ESS56C	\$912	S1	39	TENV	1.15	1.45	77.0	11.940	230/460	17;21
		1800	56HC	00118ET3ESS56C	\$994	S1	38	TEFC	1.15	1.46	85.5	14.000	230/460	21
		1800	56HC	00118NT3ESS56C	\$834	S1	38	TENV	1.15	1.46	85.5	11.940	230/460	17;21
		1800	56HC	00118NT3HSS56C	\$845	S1	34	TENV	1.15	1.17	85.5	11.772	575	21, 17
		1800	143TC	00118ET3ESS143TC	\$1,042	S1	38	TEFC	1.15	1.46	85.5	13.400	230/460	21
		1800	143TC	00118NT3ESS143TC	\$1,026	S1	38	TENV	1.15	1.46	85.5	11.210	230/460	17;21
		1200	56HC	00112ET3ESS56C	\$1,070	S1	44	TEFC	1.15	1.67	82.5	14.016	230/460	21
		1200	143TC	00112ET3ESS143TC	\$1,110	S1	45	TEFC	1.15	1.67	82.5	14.134	230/460	21
1.5	1.1	3600	56HC	00156ET3ESS56C	\$1,023	S1	41	TEFC	1.15	1.99	84.0	14.000	230/460	21
		1800	56HC	00158ET3ESS56C	\$1,041	S1	44	TEFC	1.15	2.06	86.5	14.000	230/460	21
		1800	145TC	00158ET3ESS145TC	\$1,082	S1	43	TEFC	1.15	2.06	86.5	14.200	230/460	21
2	1.5	3600	56HC	00236ET3ESS56C	\$1,146	S1	47	TEFC	1.15	2.55	85.5	14.000	230/460	21
		3600	145TC	00236ET3ESS145TC	\$1,290	S1	45	TEFC	1.15	2.55	85.5	14.200	230/460	21
		3600	56HC	00236ET3HSS56C	\$1,146	S1	45	TEFC	1.15	2.04	85.5	14.016	575	21
		1800	56HC	00218ET3ESS56C	\$1,164	S1	51	TEFC	1.15	2.71	86.5	14.000	230/460	21
		1800	56C	00218ET3HSS56C	\$1,164	S1	48	TEFC	1.15	2.16	86.5	14.016	575	21
		1800	145TC	00218ET3ESS145TC	\$1,257	S1	52	TEFC	1.15	2.78	86.5	13.600	230/460	21
3	2.2	3600	182TC	00336ET3ESS182TC	\$1,989	S1	100	TEFC	1.15	3.73	86.5	17.300	230/460	21
		3600	182TC	00336ET3HSS182TC	\$1,989	S1	84	TEFC	1.15	2.99	86.5	17.244	575	21
		1800	182TC	00318ET3HSS182TC	\$1,908	S1	86	TEFC	1.15	3.14	89.5	17.244	575	21
		1800	182TC	00318ET3ESS182TC	\$1,908	S1	113	TEFC	1.15	3.92	89.5	17.100	230/460	21
5	3.7	3600	184TC	00536ET3ESS184TC	\$2,298	S1	111	TEFC	1.15	6.01	88.5	17.900	230/460	21
		3600	184TC	00536ET3HSS184TC	\$2,298	S1	92	TEFC	1.15	4.81	88.5	17.835	575	21
		1800	184TC	00518ET3HSS184TC	\$2,230	S1	93	TEFC	1.15	5.23	89.5	17.835	575	21
		1800	184TC	00518ET3ESS184TC	\$2,230	S1	120	TEFC	1.15	6.54	89.5	17.900	230/460	21
7.5	5.5	3600	213TC	00736ET3ESS213TC	\$3,377	S1	158	TEFC	1.15	8.82	89.5	20.500	230/460	21
		3600	213TC	00736ET3HSS213TC	\$3,377	S1	137	TEFC	1.15	7.05	89.5	20.276	575	21
		1800	213TC	00718ET3HSS213TC	\$3,228	S1	148	TEFC	1.15	7.29	91.7	20.276	575	21
		1800	213TC	00718ET3ESS213TC	\$3,228	S1	173	TEFC	1.15	9.12	91.7	20.500	230/460	21
10	7.5	3600	215TC	01036ET3ESS215TC	\$3,625	S1	177	TEFC	1.15	11.5	90.2	22.000	230/460	21
		1800	215TC	01018ET3ESS215TC	\$3,499	S1	208	TEFC	1.15	12.2	91.7	22.000	230/460	21
15	11	3600	254TC	01536ET3ESS254TC	\$5,990	S1	238	TEFC	1.15	17.34	91	23.661	230/460	21
		1800	254TC	01518ET3ESS254TC	\$5,980	S1	256	TEFC	1.15	18.31	92.4	23.661	230/460	21
20	15	3600	256TC	02036ET3ESS256TC	\$6,550	S1	278	TEFC	1.15	22.87	91	25.236	230/460	21
		1800	256TC	02018ET3ESS256TC	\$6,470	S1	300	TEFC	1.15	23.97	93	25.236	230/460	21
25	19	3600	284TSC	02536ET3ESS284TC	\$7,950	S1	370	TEFC	1.15	28.68	91.7	25.315	230/460	21
		1800	284TC	02518ET3ESS284TC	\$7,750	S1	390	TEFC	1.15	29.08	93.6	26.693	230/460	21
30	22	3600	286TSC	03036ET3ESS286TC	\$8,310	S1	410	TEFC	1.15	34.42	91.7	26.299	230/460	21
		1800	286TC	03018ET3ESS286TC	\$8,200	S1	417	TEFC	1.15	34.9	93.6	27.677	230/460	21



Find the **Best Drive** for your
Shark™ Motor on page 12

Shark™ - Stainless Steel - TEFC & TENV - C-Face - Footless

HP	kW	RPM	Frame	Catalog Number	List Price	Mult. Symbol	Enclosure	Approx. Shipping Weight (lbs)	Service Factor	FL Amps @ High	FL Eff (%)	"C" Dimension (in)	Voltage (V)	Notes
0.33	0.25	1800	56C	.3318EP3ESS56CFL	\$667	S1	TENV	28	1.15	0.53	79.8	11.250	230/460	17;20;21
		3600	56C	.5036EP3ESS56CFL	\$611	S1	TENV	29	1.15	0.65	78.3	11.250	230/460	17;20;21
0.50	0.37	1800	56C	.5018EP3ESS56CFL	\$689	S1	TENV	32	1.15	0.73	81.2	11.250	230/460	17;20;21
		1200	56C	.5012EP3ESS56CFL	\$752	S1	TENV	33	1.15	0.86	79.1	11.670	230/460	17;20;21
0.75	0.55	3600	56C	.7536EP3ESS56CFL	\$674	S1	TENV	29	1.15	1.02	81.9	11.250	230/460	17;20;21
		1800	56C	.7518EP3ESS56CFL	\$787	S1	TENV	33	1.15	1.06	81.3	11.250	230/460	17;20;21
		1200	56C	.7512EP3ESS56CFL	\$862	S1	TENV	40	1.15	1.22	82.9	11.670	230/460	17;20;21
1	0.75	3600	56HC	00136ET3ESS56CFL	\$827	S1	TEFC	37	1.15	1.45	77.0	14.000	230/460	20;21
		3600	56HC	00136NT3ESS56CFL	\$898	S1	TENV	38	1.15	1.45	77.0	11.940	230/460	17;20;21
		1800	56HC	00118ET3ESS56CFL	\$981	S1	TEFC	37	1.15	1.46	85.5	14.000	230/460	20;21
		1800	56HC	00118NT3ESS56CFL	\$824	S1	TENV	38	1.15	1.46	85.5	11.940	230/460	17;20;21
		1800	143TC	00118ET3ESS143TCFL	\$1,028	S1	TEFC	38	1.15	1.46	85.5	13.400	230/460	20;21
		1800	143TC	00118NT3ESS143TCFL	\$1013	S1	TENV	38	1.15	1.46	85.5	11.210	230/460	17;20;21
1.5	1.1	3600	56HC	00156ET3ESS56CFL	\$1,017	S1	TEFC	40	1.15	1.99	84.0	14.000	230/460	20;21
		3600	143TC	00156ET3ESS143TCFL	\$1,117	S1	TEFC	41	1.15	1.99	84.0	13.400	230/460	20;21
		1800	56HC	00158ET3ESS56CFL	\$1,034	S1	TEFC	43	1.15	2.06	86.5	14.000	230/460	20;21
		1800	145TC	00158ET3ESS145TCFL	\$1,066	S1	TEFC	43	1.15	2.06	86.5	14.200	230/460	20;21
2	1.5	3600	56HC	00236ET3ESS56CFL	\$1,139	S1	TEFC	45	1.15	2.55	85.5	14.000	230/460	20;21
		3600	145TC	00236ET3ESS145TCFL	\$1,275	S1	TEFC	45	1.15	2.55	85.5	14.200	230/460	20;21
		1800	56HC	00218ET3ESS56CFL	\$1,154	S1	TEFC	49	1.15	2.71	86.5	14.000	230/460	20;21
		1800	145TC	00218ET3ESS145TCFL	\$1,198	S1	TEFC	52	1.15	2.78	86.5	13.600	230/460	20;21
3	2.2	3600	145TC	00336ET3ESS145TCFL	\$1,858	S1	TEFC	59	1.15	3.78	86.5	16.200	230/460	20;21
		3600	182TC	00336ET3ESS182TCFL	\$1,974	S1	TEFC	98	1.15	3.73	86.5	17.300	230/460	20;21
		1800	182TC	00318ET3ESS182TCFL	\$1,892	S1	TEFC	111	1.15	3.92	89.5	17.100	230/460	20;21
5	3.7	3600	184TC	00536ET3ESS184TCFL	\$2,282	S1	TEFC	109	1.15	6.01	88.5	17.900	230/460	20;21
		1800	184TC	00518ET3ESS184TCFL	\$2,215	S1	TEFC	118	1.15	6.54	89.5	17.900	230/460	20;21
7.5	5.5	3600	213TC	00736ET3ESS213TCFL	\$3,356	S1	TEFC	155	1.15	8.82	89.5	20.500	230/460	20;21
		1800	213TC	00718ET3ESS213TCFL	\$3,207	S1	TEFC	170	1.15	9.12	91.7	20.500	230/460	20;21
10	7.5	3600	215TC	01036ET3ESS215TCFL	\$3,604	S1	TEFC	174	1.15	11.5	90.2	22.000	230/460	20;21
		1800	215TC	01018ET3ESS215TCFL	\$3,477	S1	TEFC	205	1.15	12.2	91.7	22.000	230/460	20;21

Shark™ Motor and CFW500 Washdown Drive Quick Selection Guide

Drive Match



Shark™ - Stainless Steel - TEFC & TENV - C-Face - Foot Mount

HP	RPM	Volts	Catalog Number	Motor List Price	Enclosure	460V Amps	230V Drive ¹	Drive List Price	460V Drive ¹	Drive List Price
0.33	1800	230/460	.3318EP3ESS56C	\$675	TENV	0.53	CFW500A01P6B2DB66G2	\$775	CFW500A01P0T4DB66G2	\$950
0.5	3600	230/460	.5036EP3ESS56C	\$618	TENV	0.65	CFW500A01P6B2DB66G2	\$775	CFW500A01P0T4DB66G2	\$950
	1800	230/460	.5018EP3ESS56C	\$696	TENV	0.73	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
		230/460	.5012EP3ESS56C	\$760	TENV	0.86	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	3600	230/460	.7536EP3ESS56C	\$681	TENV	1.02	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
0.75	1800	230/460	.7518EP3ESS56C	\$798	TENV	1.06	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
		230/460	.7512EP3ESS56C	\$868	TENV	1.22	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
	3600	230/460	.00136ET3ESS56C	\$836	TEFC	1.45	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
1	3600	230/460	.00136NT3ESS56C	\$912	TENV	1.45	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	.00118ET3ESS56C	\$994	TEFC	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	.00118NT3ESS56C	\$834	TENV	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	.00118ET3ESS143TC	\$1,042	TEFC	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	.00118NT3ESS143TC	\$1,026	TENV	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	3600	230/460	.00156ET3ESS56C	\$1,023	TEFC	1.99	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
1.5	1800	230/460	.00158ET3ESS56C	\$1,041	TEFC	2.06	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	1800	230/460	.00158ET3ESS145TC	\$1,082	TEFC	2.06	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	3600	230/460	.00236ET3ESS56C	\$1,146	TEFC	2.55	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
2	3600	230/460	.00236ET3ESS145TC	\$1,290	TEFC	2.55	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	.00218ET3ESS56C	\$1,164	TEFC	2.71	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	.00218ET3ESS145TC	\$1,257	TEFC	2.78	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	3600	230/460	.00336ET3ESS182TC	\$1,989	TEFC	3.73	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
3	1800	230/460	.00318ET3ESS182TC	\$1,908	TEFC	3.92	CFW500A10P0B2DB66G2	\$1,095	CFW500A06P5T4DB66G2	\$1,400
	3600	230/460	.00536ET3ESS184TC	\$2,298	TEFC	6.01	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650
5	1800	230/460	.00518ET3ESS184TC	\$2,230	TEFC	6.54	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650
	3600	230/460	.00736ET3ESS213TC	\$3,377	TEFC	8.82	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
7.5	3600	230/460	.00718ET3ESS213TC	\$3,228	TEFC	9.12	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
	3600	230/460	.01036ET3ESS215TC	\$3,625	TEFC	11.50	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
10	1800	230/460	.01018ET3ESS215TC	\$3,499	TEFC	12.20	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
	3600	230/460	.01536ET3ESS254TC	\$5,990	TEFC	17.34	CFW500C47P0T2DB66G2	\$3,750	CFW500B24P0T4DB66G2	\$3,025
15	1800	230/460	.01518ET3ESS254TC	\$5,980	TEFC	18.31	CFW500C47P0T2DB66G2	\$3,750	CFW500B24P0T4DB66G2	\$3,025
	3600	230/460	.02036ET3ESS256TC	\$6,550	TEFC	22.87	CFW500C47P0T2DB66G2	\$3,750	CFW500B24P0T4DB66G2	\$3,025
20	1800	230/460	.02018ET3ESS256TC	\$6,470	TEFC	23.97	CFW500C56P0T2DB66G2 ²	\$4,400	CFW500B24P0T4DB66G2	\$3,025
	3600	230/460	.02536ET3ESS284TC	\$7,950	TEFC	28.68	CFW500C56P0T2DB66G2 ²	\$4,400	CFW500B31P0T4DB66G2	\$3,650
25	1800	230/460	.02518ET3ESS284TC	\$7,750	TEFC	29.08	CFW500C56P0T2DB66G2 ²	\$4,400	CFW500B31P0T4DB66G2	\$3,650
	3600	230/460	.03036ET3ESS286TC	\$8,310	TEFC	34.42	CFW500C56P0T2DB66G2 ²	\$4,400	CFW500C39P0T4DB66G2	\$4,795
30	1800	230/460	.03018ET3ESS286TC	\$8,200	TEFC	34.9	CFW500C56P0T2DB66G2 ²	\$4,400	CFW500C39P0T4DB66G2	\$4,795

Notes:

1. Drives selected to match motor FLA.
2. Drive selection is for normal duty (variable torque) applications.

Shark™ Motor and CFW500 Washdown Drive Quick Selection Guide

Drive Match



Shark™ - Stainless Steel - TEFC & TENV - C-Face - Footless

HP	RPM	Volts	Catalog Number	Enclosure	Motor List Price	460V Amps	230V Drive ¹	List Price	460V Drive	List Price
0.33	1800	230/460	.3318EP3ESS56CFL	TENV	\$667	0.53	CFW500A01P6B2DB66G2	\$775	CFW500A01P0T4DB66G2	\$950
	3600	230/460	.5036EP3ESS56CFL	TENV	\$611	0.65	CFW500A01P6B2DB66G2	\$775	CFW500A01P0T4DB66G2	\$950
0.5	1800	230/460	.5018EP3ESS56CFL	TENV	\$689	0.73	CFW500A02P6B2DB66G2	\$800	CFW500A01P0T4DB66G2	\$950
	1200	230/460	.5012EP3ESS56CFL	TENV	\$752	0.86	CFW500A02P6B2DB66G2	\$800	CFW500A01P0T4DB66G2	\$950
0.75	3600	230/460	.7536EP3ESS56CFL	TENV	\$674	1.02	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	1800	230/460	.7518EP3ESS56CFL	TENV	\$787	1.06	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
	1200	230/460	.7512EP3ESS56CFL	TENV	\$862	1.22	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
1	3600	230/460	00136ET3ESS56CFL	TEFC	\$827	1.45	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	3600	230/460	00136NT3ESS56CFL	TENV	\$898	1.45	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	00118ET3ESS56CFL	TEFC	\$981	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	00118NT3ESS56CFL	TENV	\$824	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	00118ET3ESS143TCFL	TEFC	\$1,028	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
	1800	230/460	00118NT3ESS143TCFL	TENV	\$1,014	1.46	CFW500A04P3B2DB66G2	\$850	CFW500A02P6T4DB66G2	\$990
1.5	3600	230/460	00156ET3ESS56CFL	TEFC	\$1,017	1.99	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	3600	230/460	00156ET3ESS143TCFL	TEFC	\$1,117	1.99	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	1800	230/460	00158ET3ESS56CFL	TEFC	\$1,034	2.06	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
	1800	230/460	00158ET3ESS145TCFL	TEFC	\$1,066	2.06	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
2	3600	230/460	00236ET3ESS56CFL	TEFC	\$1,139	2.55	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	3600	230/460	00236ET3ESS145TCFL	TEFC	\$1,275	2.55	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	00218ET3ESS56CFL	TEFC	\$1,154	2.71	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	00218ET3ESS145TCFL	TEFC	\$1,198	2.78	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
3	3600	230/460	00336ET3ESS145TCFL	TEFC	\$1,858	3.78	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
	3600	230/460	00336ET3ESS182TCFL	TEFC	\$1,974	3.73	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
	1800	230/460	00318ET3ESS182TCFL	TEFC	\$1,892	3.92	CFW500A10P0B2DB66G2	\$1,095	CFW500A06P5T4DB66G2	\$1,400
5	3600	230/460	00536ET3ESS184TCFL	TEFC	\$2,282	6.01	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650
	1800	230/460	00518ET3ESS184TCFL	TEFC	\$2,215	6.54	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650
7.5	3600	230/460	00736ET3ESS213TCFL	TEFC	\$3,356	8.82	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
	1800	230/460	00718ET3ESS213TCFL	TEFC	\$3,207	9.12	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
10	3600	230/460	01036ET3ESS215TCFL	TEFC	\$3,604	11.50	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
	1800	230/460	01018ET3ESS215TCFL	TEFC	\$3,477	12.20	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050

Notes:

1. Drives selected to match motor FLA.

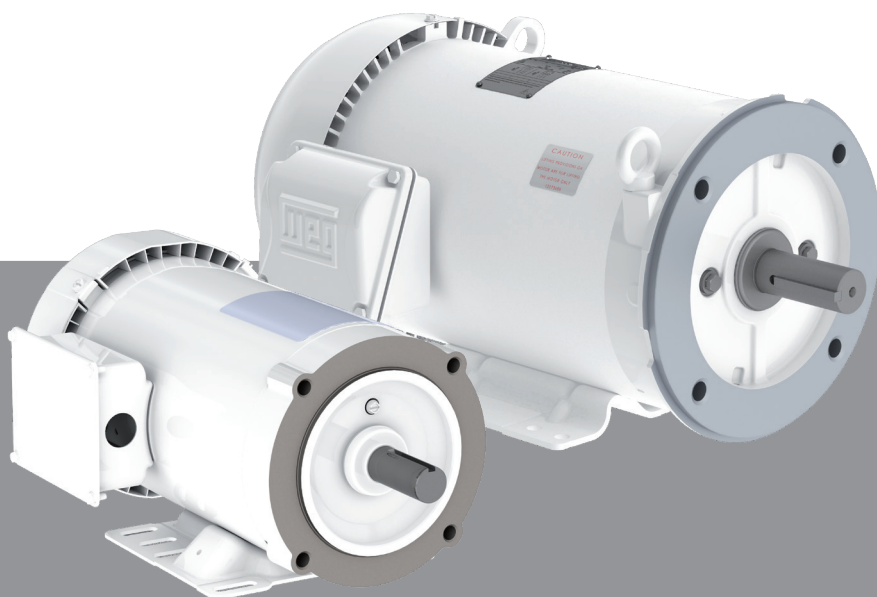
The Washdown line was designed to meet the requirements of industries where there is a constant need for hygiene and cleanliness of the environment through high pressure water jets and/or chemical products. Washdown motors are applied in food, beverage and pharmaceutical industries.

Standard Features

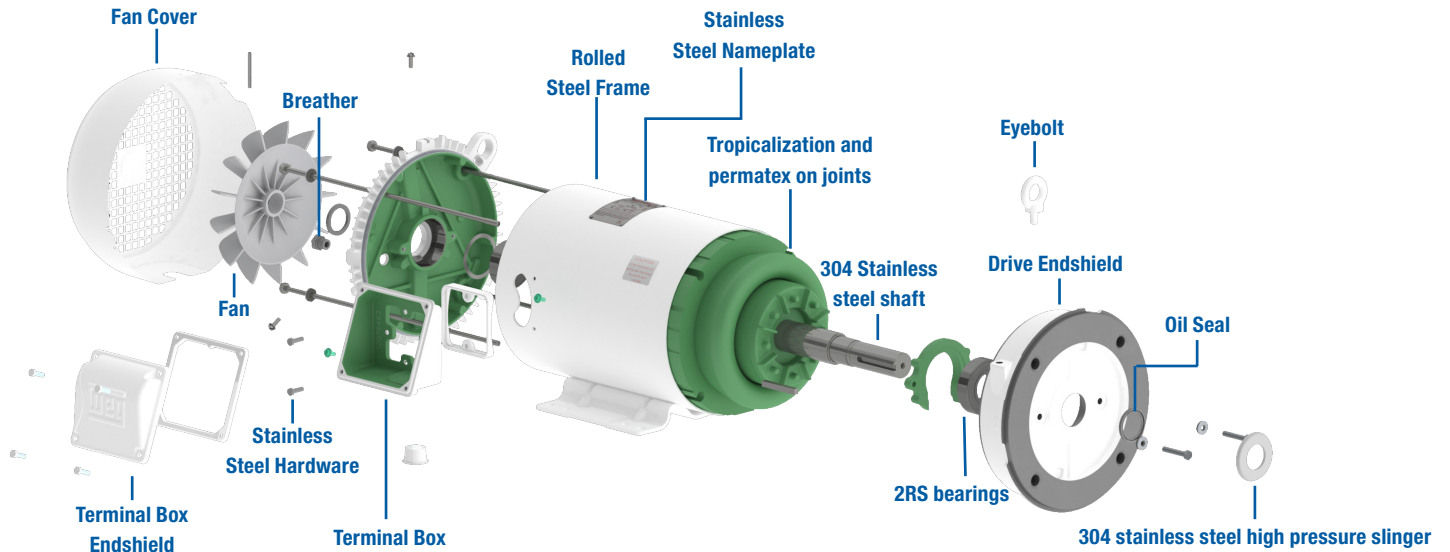
- Output: 1/2 up to 25 HP
- Frames: 56 up to 254/6T
- 1200 - 3600 rpm
- Certification CSA/UL
- Efficiency: NEMA Premium
- Service factor: 1.15
- Mounting: F-1
- Insulation class "F" (ΔT 80 K)
- Degree of protection: IP56
- Shaft material: Stainless Steel (AISI 304)
- Bearing type: Shielded (2RS)
- Permatex on joints
- Color: Porcelain White - Munsell N 9.5
- Internal painting
- Breather on non drive endshield
- Drive end bearing seal: Oil seal with stainless steel spring and 304 stainless steel high pressure external shaft slinger
- Non drive end bearing seal: Oil seal with stainless steel spring

Factory Options

- Other mountings (F2, F3)
- Voltage: 575 V with 6 leads
- Space heaters
- Thermal protection
- Cable glands
- Threaded center hole (shaft)
- SGR shaft grounding ring (Inverter use)
- Shaft material: Stainless Steel (AISI 316)
- Dripcover



Superior Products - Superior Parts



HydroWash™



Find the **Drive Match** for your
HydroWash™ Motor on page 17



C-Face Foot Mount

HP	RPM	Frame	Catalog Number	List Price	Multi.	Enclosure	HZ	SF	FL Amps @ high	C Dim	kVA Code	Appr. Ship. Wt (lbs)
0.5	1725	56C	.5018NT3EHW56C	\$644	S2	TENV	60	1.15	0.80	10.230	L	27
0.75	1725	56C	.7518NT3EHW56C	\$720	S2	TENV	60	1.15	1.20	10.990	M	33
1	1725	56C	00118NT3EHW56C	\$843	S2	TENV	60	1.15	1.50	11.980	K	40
	1725	145TC	00118NT3EHW143TC	\$859	S2	TENV	60	1.15	1.50	12.040	K	40
1.5	1725	56C	00158ET3EHW56C	\$860	S2	TEFC	60	1.15	2.20	14.460	K	42
	1725	145TC	00158ET3EHW145TC	\$880	S2	TEFC	60	1.15	2.20	14.570	K	42
2	1725	56C	00218ET3EHW56C	\$1,035	S2	TEFC	60	1.15	2.80	14.550	K	49
	1725	145TC	00218ET3EHW145TC	\$1,060	S2	TEFC	60	1.15	2.80	14.550	K	49
	1200	182/4TC	00212ET3EHW184TC-S	\$1,410	S2	TEFC	60	1.15	3.0	17.126	K	91
3	3600	182/4TC	00336ET3EHW182TC-S	\$1,409	S2	TEFC	60	1.15	3.7	16.339	K	77
	1800	182/4TC	00318ET3EHW182TC-S	\$1,380	S2	TEFC	60	1.15	3.8	17.913	K	94
	1200	213/5TC	00312ET3EHW213TC-S	\$1,850	S2	TEFC	60	1.15	4.2	19.291	H	144
5	3600	182/4TC	00536ET3EHW184TC-S	\$1,700	S2	TEFC	60	1.15	5.9	17.913	J	92
	1800	182/4TC	00518ET3EHW184TC-S	\$1,728	S2	TEFC	60	1.15	6.5	17.913	J	88
	1200	213/5TC	00512ET3EHW215TC-S	\$2,185	S2	TEFC	60	1.15	6.7	20.079	H	156
7.5	3600	182/4TC	00736ET3EHW184TC-S	\$2,082	S2	TEFC	60	1.15	8.6	17.126	H	96
	3600	213/5TC	00736ET3EHW213TC-S	\$2,214	S2	TEFC	60	1.15	8.7	20.079	H	145
	1800	213/5TC	00718ET3EHW213TC-S	\$2,230	S2	TEFC	60	1.15	9.1	18.898	H	136
	1200	254/6TC	00712ET3EHW254TC-S	\$3,795	S2	TEFC	60	1.15	10.0	22.559	G	239
10	3600	213/5TC	01036ET3EHW215TC-S	\$2,650	S2	TEFC	60	1.15	11.5	21.654	H	175
	1800	213/5TC	01018ET3EHW215TC-S	\$2,568	S2	TEFC	60	1.15	12.2	19.291	H	147
	1200	254/6TC	01012ET3EHW256TC-S	\$4,345	S2	TEFC	60	1.15	13.8	23.346	G	269
15	3600	213/5TC	01536ET3EHW215TC-S	\$3,250	S2	TEFC	60	1.15	17.0	21.654	J	171
	3600	254/6TC	01536ET3EHW254TC-S	\$4,859	S2	TEFC	60	1.15	17.4	22.559	G	210
	1800	254/6TC	01518ET3EHW254TC-S	\$4,826	S2	TEFC	60	1.15	18.2	22.559	G	242
20	3600	254/6TC	02036ET3EHW256TC-S	\$5,772	S2	TEFC	60	1.15	22.7	23.346	G	248
	1800	254/6TC	02018ET3EHW256TC-S	\$5,830	S2	TEFC	60	1.15	24.7	23.346	H	271
25	3600	254/6TC	02536ET3EHW256TC-S	\$6,887	S2	TEFC	60	1.15	28.5	23.346	J	258

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HydroWash™



Find the Drive Match for your
HydroWash™ Motor on page 18



C-Face Footless

HP	RPM	Frame	Catalog Number	List Price	Multi.	Enclosure	HZ	SF	FL Amps @ high	C Dim	kVA Code	Appr. Ship. Wt (lbs)
0.5	1725	56C	.5018NT3EHW56CFL	\$625	S2	TENV	60	1.15	0.80	10.230	L	27
0.75	1725	56C	.7518NT3EHW56CFL	\$699	S2	TENV	60	1.15	1.11	10.990	L	33
1	1725	56C	00118NT3EHW56CFL	\$815	S2	TENV	60	1.15	1.50	11.980	K	40
	1725	145TC	00118NT3EHW143TC	\$830	S2	TENV	60	1.15	1.50	12.040	K	40
1.5	1725	56C	00158ET3EHW56CFL	\$830	S2	TEFC	60	1.15	2.20	14.460	K	42
	1725	145TC	00158ET3EHW145TC	\$850	S2	TEFC	60	1.15	2.20	14.530	K	42
2	1725	56C	00218ET3EHW56CFL	\$995	S2	TEFC	60	1.15	2.80	14.550	K	49
	1725	145TC	00218ET3EHW145TC	\$1,020	S2	TEFC	60	1.15	2.80	14.550	K	49
3	1800	182/4TC	00318ET3EHW182TC-S	\$1,259	S2	TEFC	60	1.15	3.81	17.913	K	94
5	3600	182/4TC	00536ET3EHW182TC-S	\$1,600	S2	TEFC	60	1.15	5.90	17.913	J	92
	1800	182/4TC	00518ET3EHW184TC-S	\$1,592	S2	TEFC	60	1.15	6.49	17.913	J	87
7.5	3600	213/5TC	00736ET3EHW213TC-S	\$2,010	S2	TEFC	60	1.15	8.67	20.079	H	151
	1800	213/5TC	00718ET3EHW213TC-S	\$2,011	S2	TEFC	60	1.15	9.07	18.898	H	137
10	3600	213/5TC	01036ET3EHW215TC-S	\$2,442	S2	TEFC	60	1.15	11.50	21.654	H	180
		213/5TC	01018ET3EHW215TC-S	\$2,394	S2	TEFC	60	1.15	12.20	19.291	H	147
15	3600	213/5TC	01536ET3EHW215TC-S	\$3,052	S2	TEFC	60	1.15	17.00	21.654	J	176



Rigid Base

HP	RPM	Frame	Catalog Number	List Price	Multi.	Enclosure	HZ	SF	FL Amps @ high	C Dim	kVA Code	Appr. Ship. Wt (lbs)
3	3600	182/4T	00336ET3EHW182T-S	\$1,340	S2	TEFC	60	1.15	3.7	16.339	K	67
	1800	182/4T	00318ET3EHW182T-S	\$1,315	S2	TEFC	60	1.15	3.8	17.913	K	89
5	3600	182/4T	00536ET3EHW184T-S	\$1,628	S2	TEFC	60	1.15	5.9	17.913	J	87
	1800	182/4T	00518ET3EHW184T-S	\$1,640	S2	TEFC	60	1.15	6.5	17.913	J	82
7.5	3600	182/4T	00736ET3EHW184T-S	\$1,978	S2	TEFC	60	1.15	8.6	17.126	H	91
	3600	213/5T	00736ET3EHW213T-S	\$2,040	S2	TEFC	60	1.15	8.7	20.079	H	145
	1800	213/5T	00718ET3EHW213T-S	\$2,046	S2	TEFC	60	1.15	9.1	18.898	H	133
10	1800	213/5T	01018ET3EHW215T-S	\$2,350	S2	TEFC	60	1.15	12.2	19.291	H	140
15	1800	254/6T	01518ET3EHW254T-S	\$4,602	S2	TEFC	60	1.15	18.2	22.559	G	236
20	1800	254/6T	02018ET3EHW256T-S	\$5,571	S2	TEFC	60	1.15	24.7	23.346	H	266

HydroWash™ Motor and CFW500 Washdown Drive Quick Selection Guide

Drive Match

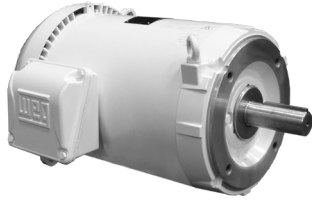


HydroWash™ - White Epoxy - TEFC - C-Face - Foot Mount

HP	RPM	Volts	Catalog Number	Motor List Price	FL Amps @ high	230V Drive	Drive List Price	460V Drive	Drive List Price
0.5	1800	230/460	.5018NT3EHW56C*	\$644	0.80	CFW500A01P6B2DB66G2	\$775	CFW500A01P0T4DB66G2	\$950
0.75	1800	230/460	.7518NT3EHW56C*	\$720	1.20	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
1	1800	230/460	00118NT3EHW56C*	\$843	1.50	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	00118NT3EHW143TC*	\$859	1.50	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
1.5	1800	230/460	00158ET3EHW56C	\$860	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
		230/460	00158ET3EHW145TC	\$880	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
2	1800	230/460	00218ET3EHW56C	\$1,035	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
		230/460	00218ET3EHW145TC	\$1,060	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
2	1200	230/460	00212ET3EHW184TC-S	\$1,410	3.0	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
3	3600	230/460	00336ET3EHW182TC-S	\$1,409	3.7	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
3	1800	230/460	00318ET3EHW182TC-S	\$1,380	3.8	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
3	1200	230/460	00312ET3EHW213TC-S	\$1,850	4.2	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
5	3600	230/460	00536ET3EHW184TC-S	\$1,700	5.9	CFW500A16P0T2DB66G2	\$1,350	CFW500A06P5T4DB66G2	\$1,400
5	1800	230/460	00518ET3EHW184TC-S	\$1,728	6.5	CFW500A16P0T2DB66G2	\$1,350	CFW500A06P5T4DB66G2	\$1,400
5	1200	230/460	00512ET3EHW215TC-S	\$2,185	6.7	CFW500A16P0T2DB66G2	\$1,350	CFW500A10P0T4DB66G2	\$1,650
7.5	3600	230/460	00736ET3EHW184TC-S	\$2,082	8.6	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	3600	230/460	00736ET3EHW213TC-S	\$2,214	8.7	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	1800	230/460	00718ET3EHW213TC-S	\$2,230	9.1	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	1200	230/460	00712ET3EHW254TC-S	\$3,795	10.0	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
10	3600	230/460	01036ET3EHW215TC-S	\$2,650	11.5	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
10	1800	230/460	01018ET3EHW215TC-S	\$2,568	12.2	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
10	1200	230/460	01012ET3EHW256TC-S	\$4,345	13.8	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
15	3600	230/460	01536ET3EHW215TC-S	\$3,250	17.0	-	-	CFW500B24P0T4DB66G2	\$3,025
15	3600	230/460	01536ET3EHW254TC-S	\$4,859	17.4	-	-	CFW500B24P0T4DB66G2	\$3,025
15	1800	230/460	01518ET3EHW254TC-S	\$4,826	18.2	-	-	CFW500B24P0T4DB66G2	\$3,025
20	3600	230/460	02036ET3EHW256TC-S	\$5,772	22.7	-	-	CFW500B24P0T4DB66G2	\$3,025
20	1800	230/460	02018ET3EHW256TC-S	\$5,830	24.7	-	-	CFW500B31P0T4DB66G2	\$3,650
25	3600	230/460	02536ET3EHW256TC-S	\$6,887	28.5	-	-	CFW500B31P0T4DB66G2	\$3,650

* TENV

continued on next page



Optimal Match



HydroWash™ - White Epoxy - TEFC - C-Face - Footless

HP	RPM	Volts	Catalog Number	Motor List Price	460V Amps	230V Drive	Drive List Price	460V Drive	Drive List Price
0.5	1800	230/460	.5018NT3EHW56CFL*	\$510	0.80	CFW500A01P6B2DB66G2	\$775	CFW500A01P0T4DB66G2	\$950
0.75	1800	230/460	.7518NT3EHW56CFL*	\$553	1.20	CFW500A02P6B2DB66G2	\$800	CFW500A01P6T4DB66G2	\$975
1	1800	230/460	00118NT3EHW56CFL*	\$599	1.50	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
		230/460	00118NT3EHW143TC*	\$628	1.50	CFW500A04P3B2DB66G2	\$850	CFW500A01P6T4DB66G2	\$975
1.5	1800	230/460	00158ET3EHW56CFL	\$830	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
		230/460	00158ET3EHW145TC	\$850	2.20	CFW500A07P3B2DB66G2	\$1,015	CFW500A02P6T4DB66G2	\$990
2	1800	230/460	00218ET3EHW56CFL	\$995	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
		230/460	00218ET3EHW145TC	\$1,020	2.80	CFW500A07P3B2DB66G2	\$1,015	CFW500A04P3T4DB66G2	\$1,175
3	1800	230/460	00318ET3EHW182TC-S	\$1,259	3.81	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
5	3600	230/460	00536ET3EHW182TC-S	\$1,600	5.90	CFW500A16P0T2DB66G2	\$1,350	CFW500A06P5T4DB66G2	\$1,400
5	1800	230/460	00518ET3EHW184TC-S	\$1,592	6.49	CFW500A16P0T2DB66G2	\$1,350	CFW500A06P5T4DB66G2	\$1,400
7.5	3600	230/460	00736ET3EHW213TC-S	\$2,010	8.67	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	1800	230/460	00718ET3EHW213TC-S	\$2,011	9.07	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
10	3600	230/460	01036ET3EHW215TC-S	\$2,442	11.50	CFW500B24P0T2DB66G2	\$1,950	CFW500B14P0T4DB66G2	\$2,050
10	1800	230/460	01018ET3EHW215TC-S	\$2,394	12.20	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
15	3600	230/460	01536ET3EHW215TC-S	\$3,052	17.00	-	-	CFW500B24P0T4DB66G2	\$3,025

*TENV



HydroWash™ - White Epoxy - TEFC - Rigid Base

HP	RPM	Volts	Catalog Number	Motor List Price	460V Amps	230V Drive	Drive List Price	460V Drive	Drive List Price
3	3600	230/460	00336ET3EHW182T-S	\$1,340	3.7	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
3	1800	230/460	00318ET3EHW182T-S	\$1,315	3.8	CFW500A10P0B2DB66G2	\$1,095	CFW500A04P3T4DB66G2	\$1,175
5	3600	230/460	00536ET3EHW184T-S	\$1,628	5.9	CFW500A16P0T2DB66G2	\$1,350	CFW500A06P5T4DB66G2	\$1,400
5	1800	230/460	00518ET3EHW184T-S	\$1,640	6.5	CFW500A16P0T2DB66G2	\$1,350	CFW500A06P5T4DB66G2	\$1,400
7.5	3600	230/460	00736ET3EHW184T-S	\$1,978	8.6	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	3600	230/460	00736ET3EHW213T-S	\$2,040	8.7	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
7.5	1800	230/460	00718ET3EHW213T-S	\$2,046	9.1	CFW500B24P0T2DB66G2	\$1,950	CFW500A10P0T4DB66G2	\$1,650
10	1800	230/460	01018ET3EHW215T-S	\$2,350	12.2	CFW500B28P0T2DB66G2	\$2,275	CFW500B14P0T4DB66G2	\$2,050
15	1800	230/460	01518ET3EHW254T-S	\$4,602	18.2	-	-	CFW500B24P0T4DB66G2	\$3,025
20	1800	230/460	02018ET3EHW256T-S	\$5,571	24.7	-	-	CFW500B31P0T4DB66G2	\$3,650

CFW500-G2 (GENERATION-2)

The CFW500 has advanced technology plug and play options, developed for fast commissioning, providing great flexibility and competitive advantage while offering excellent performance and reliability. Designed for exclusively industrial or professional use, perfect for OEM, system integrators, panel installers and End Users providing great benefit from the added value. With Generation-2 (G2), the CFW500 drives now offer more features in the same footprint as Generation-1 drives. The power range of CFW500-IP20-G2 drive is now extended to 75HP @ 230VAC and 175HP @ 460VAC. The CFW500-G2 drive also is also available in IP66/ NEMA4X Washdown enclosure which is rated for indoor and outdoor installation in direct sunlight.

Standard Features

- Same programming as other WEG VFDs including CFW500-Generation-1 drives.
- Built-in SoftPLC.
- Scalar, Vector Control (Sensorless and closed loop with encoder feedback) & VVW PM (suitable for fan, Pump and compressor).
- IP20 & NEMA1 (with NEMA1 kit) Enclosure.
- NEMA 4X (IP66) Washdown Enclosure with and without disconnect switch, suitable for indoor and outdoor use (in direct sunlight).
- 200-240V, 380-480V or 500-600 input voltage.
- Heavy Duty rated - 150% current overload capacity.
- 0 to 500 Hz output frequency.
- 2.5 to 15 kHz adjustable switching frequency (5 kHz standard)
- Built-in 24Vdc Power supply (max. 150 mA).
- Built-in RS-485 (Modbus RTU/BACnet) communication.
- Four isolated programmable digital inputs.
- One programmable relay output (1NO, 1NC, 240vac 0.5A).
- One programmable transistor output.
- One isolated programmable analog input (0-10V, 0/4-20mA).
- One isolated programmable analog output (0-10V, 0/4-20mA).
- Optional Safe Torque off Module.
- Pump Genius – Simplex, Multiplex (up to three pumps in parallel) like CFW11 Pump Genius.
- WLP and WPS compatible.



For Indoor / Outdoor Use



Applications

- | | |
|--------------------|---------------------|
| • Pumps | • Commercial dryers |
| • Fans/ventilators | • Extruders |
| • Blowers | • General machinery |
| • Conveyors | • Agitators |
| • Rollout tables | • Any washdown |
| • Mixers/Blenders | (for NEMA4X/IP66) |

CFW500 - N4X/IP66 WASHDOWN VFD W/O DISCONNECT SWITCH

Motor Voltage	ND/VT ¹		HD/CT ¹		Catalog Number	Braking Transistor	Frame Size ⁴	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Motor HP ²	Drive Amps ³	Motor HP ²	Drive Amps ³							
230 Vac / 3 Phase	Input Power Supply: Single or Three-Phase 200-240 Vac										
	1/3	1.6	1/3	1.6	CFW500A01P6B2DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$775	V1W (V1)
	3/4	2.6	3/4	2.6	CFW500A02P6B2DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$800	V1W (V1)
	1 1/2	4.3	1 1/2	4.3	CFW500A04P3B2DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$850	V1W (V1)
	2	7.3	2	7.3	CFW500A07P3B2DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$1,015	V1W (V1)
	3	10	3	10	CFW500A10P0B2DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$1,095	V1W (V1)
	Input Power Supply: Three-Phase 200-240 Vac										
	5	16	5	16	CFW500A16P0T2DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$1,350	V1W (V1)
	7 1/2	24	7 1/2	24	CFW500B24P0T2DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$1,950	V1W (V1)
	10	28	10	28	CFW500B28P0T2DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,275	V1W (V1)
	10	33	10	33	CFW500B33P0T2DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,675	V1W (V1)
	15	47	15	47	CFW500C47P0T2DB66G2 ⁵	Yes	C	18.7 x 12.6 x 11.4	45.0	\$3,750	V1W (V1)
	25	70	20	56	CFW500C56P0T2DB66G2 ⁵	Yes	C	18.7 x 12.6 x 11.4	45.0	\$4,400	V1W (V1)
460 Vac / 3 Phase	Input Power Supply: Three-Phase 380-480 Vac										
	1/2	1	1/2	1	CFW500A01P0T4DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$950	V1W (V1)
	1	1.6	1	1.6	CFW500A01P6T4DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$975	V1W (V1)
	1 1/2	2.6	1 1/2	2.6	CFW500A02P6T4DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$990	V1W (V1)
	3	4.3	3	4.3	CFW500A04P3T4DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$1,175	V1W (V1)
	5	6.5	5	6.5	CFW500A06P5T4DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$1,400	V1W (V1)
	7 1/2	10	7 1/2	10	CFW500A10P0T4DB66G2	Yes	A	10.4 x 6.5 x 8.9	22.0	\$1,650	V1W (V1)
	10	14	10	14	CFW500B14P0T4DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,050	V1W (V1)
	10	16	10	16	CFW500B16P0T4DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,275	V1W (V1)
	15	24	15	24	CFW500B24P0T4DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$3,025	V1W (V1)
	25	31	25	31	CFW500B31P0T4DB66G2	Yes	B	13.4 x 8.5 x 8.9	26.5	\$3,650	V1W (V1)
	30	45	30	39	CFW500C39P0T4DB66G2 ⁵	Yes	C	18.7 x 12.6 x 11.4	45.0	\$4,795	V1W (V1)
	50	59.2	40	49	CFW500C49P0T4DB66G2 ⁵	Yes	C	18.7 x 12.6 x 11.4	45.0	\$6,100	V1W (V1)
575 Vac / 3 Phase ⁶	Input Power Supply: Three-Phase 500-600 Vac										
	1 1/2	1.7	1 1/2	1.7	CFW500B01P7T5DB66	Yes	B	13.4 x 8.5 x 8.9	26.5	\$1,590	V1W (V1)
	3	3	3	3	CFW500B03P0T5DB66	Yes	B	13.4 x 8.5 x 8.9	26.5	\$1,670	V1W (V1)
	3	4.3	3	4.3	CFW500B04P3T5DB66	Yes	B	13.4 x 8.5 x 8.9	26.5	\$1,890	V1W (V1)
	7 1/2	7	7 1/2	7	CFW500B07P0T5DB66	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,115	V1W (V1)
	10	10	10	10	CFW500B10P0T5DB66	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,330	V1W (V1)
	10	12	10	12	CFW500B12P0T5DB66	Yes	B	13.4 x 8.5 x 8.9	26.5	\$2,615	V1W (V1)

NOTES:

1. ND (Normal Duty) / VT (Variable Torque): 110% Overload / 60 Sec;
HD (Heavy Duty) / CT (Constant Torque): 150% Overload / 60 Sec;
2. "HP" rating based on WEG W22 motors "average FLA values". Use as a guide only.
3. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of drive.
4. Frame Size A, B & C are rated for 40°C ambient temperature.
5. Available in 3Q of 2024.
6. All 575V drives are non-stocked items and are still Generation-1 drives, consult WEG for availability.

CFW500 - N4X/IP66 WASHDOWN VFD WITH DISCONNECT SWITCH

Motor Voltage	ND/VT ¹		HD/CT ¹		Catalog Number	Braking Transistor	Frame Size ⁴	Dimensions (in.) HxWxD	Approx. Weight (lbs.)	List Price	Multiplier New (Old)
	Motor HP ²	Drive Amps ³	Motor HP ²	Drive Amps ³							
230 Vac / 3 Phase	Input Power Supply: Single or Three-Phase 200-240 Vac										
	1/3	1.6	1/3	1.6	CFW500A01P6B2DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$895	V1W (V1)
	3/4	2.6	3/4	2.6	CFW500A02P6B2DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$920	V1W (V1)
	1 1/2	4.3	1 1/2	4.3	CFW500A04P3B2DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$980	V1W (V1)
	2	7.3	2	7.3	CFW500A07P3B2DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,170	V1W (V1)
	3	10	3	10	CFW500A10P0B2DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,255	V1W (V1)
	Input Power Supply: Three-Phase 200-240 Vac										
	5	16	5	16	CFW500A16P0T2DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,555	V1W (V1)
	7 1/2	24	7 1/2	24	CFW500B24P0T2DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,245	V1W (V1)
	10	28	10	28	CFW500B28P0T2DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,620	V1W (V1)
	10	33	10	33	CFW500B33P0T2DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$3,080	V1W (V1)
	15	47	15	47	CFW500C47P0T2DB66DSG2 ⁵	Yes	C	18.7 x 12.6 x 12.4	45.0	\$4,313	V1W (V1)
	25	70	20	56	CFW500C56P0T2DB66DSG2 ⁵	Yes	C	18.7 x 12.6 x 12.4	45.0	\$5,060	V1W (V1)
460 Vac / 3 Phase	Input Power Supply: Three-Phase 380-480 Vac										
	1/2	1	1/2	1	CFW500A01P0T4DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,095	V1W (V1)
	1	1.6	1	1.6	CFW500A01P6T4DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,125	V1W (V1)
	1 1/2	2.6	1 1/2	2.6	CFW500A02P6T4DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,140	V1W (V1)
	3	4.3	3	4.3	CFW500A04P3T4DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,350	V1W (V1)
	5	6.5	5	6.5	CFW500A06P5T4DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,610	V1W (V1)
	7 1/2	10	7 1/2	10	CFW500A10P0T4DB66DSG2	Yes	A	10.4 x 6.5 x 9.9	22.0	\$1,900	V1W (V1)
	10	14	10	14	CFW500B14P0T4DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,360	V1W (V1)
	10	16	10	16	CFW500B16P0T4DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,620	V1W (V1)
	15	24	15	24	CFW500B24P0T4DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$3,480	V1W (V1)
	25	31	25	31	CFW500B31P0T4DB66DSG2	Yes	B	13.4 x 8.5 x 9.9	26.5	\$4,200	V1W (V1)
	30	45	30	39	CFW500C39P0T4DB66DSG2 ⁵	Yes	C	18.7 x 12.6 x 12.4	45.0	\$5,514	V1W (V1)
	50	59.2	40	49	CFW500C49P0T4DB66DSG2 ⁵	Yes	C	18.7 x 12.6 x 12.4	45.0	\$7,015	V1W (V1)
575 Vac / 3 Phase ⁶	Input Power Supply: Three-Phase 500-600 Vac										
	1 1/2	1.7	1 1/2	1.7	CFW500B01P7T5DB66DS	Yes	B	13.4 x 8.5 x 9.9	26.5	\$1,830	V1W (V1)
	3	3	3	3	CFW500B03P0T5DB66DS	Yes	B	13.4 x 8.5 x 9.9	26.5	\$1,925	V1W (V1)
	3	4.3	3	4.3	CFW500B04P3T5DB66DS	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,175	V1W (V1)
	7 1/2	7	7 1/2	7	CFW500B07P0T5DB66DS	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,435	V1W (V1)
	10	10	10	10	CFW500B10P0T5DB66DS	Yes	B	13.4 x 8.5 x 9.9	26.5	\$2,680	V1W (V1)
	10	12	10	12	CFW500B12P0T5DB66DS	Yes	B	13.4 x 8.5 x 9.9	26.5	\$3,005	V1W (V1)

NOTES:

1. ND (Normal Duty) / VT (Variable Torque): 110% Overload / 60 Sec;
2. HD (Heavy Duty) / CT (Constant Torque): 150% Overload / 60 Sec;
3. "HP" rating based on WEG W22 motors "average FLA values". Use as a guide only.
4. Motor FLA may vary with speed and manufacturer. ALWAYS compare motor FLA to Nominal AMPS of drive.
5. Frame Size A, B & C are rated for 40°C ambient temperature.
6. Available in 3Q of 2024.
6. All 575V drives are non-stocked items and are still Generation-1 drives, consult WEG for availability.

Options and Accessories

Type	CATALOG NUMBER	Description	Apprx. Shpg. Wt. (lbs.)	List Price	Multiplier New (Old)
I/O	CFW500-IOS¹	CFW500 I/O Module; 4 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$110	V1G (V1)
I/O	CFW500-IOD	CFW500 I/O Module; 8 DI, 1 AI, 1 AO, 1 DOR, 4 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$141	V1G (V1)
I/O	CFW500-IOAD	CFW500 I/O Module; 6 DI, 3 AI, 2 AO, 1 DOR, 3 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$182	V1G (V1)
I/O	CFW500-IOR-B	CFW500 I/O Module; 5 DI, 1 AI, 1 AO, 4 DOR, 1 DOT, 1 RS485, 10vdc, 24vdc	0.2	\$125	V1G (V1)
Encoder Input	CFW500-ENC	CFW500 Encoder Module; Quad Input A & B, 1 RS485, 5 DI, 1 AI, 1 AO, 3 DOR, 1 DOT, 24vdc	0.2	\$210	V1G (V1)
USB Card	CFW500-CUSB	CFW500 Comm. Module; 1 USB, 1 RS485, 4 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 10vdc, 24vdc	0.2	\$210	V1G (V1)
RS232 Card	CFW500-CRS232	CFW500 Comm. Module; 1 RS232, 1 RS485, 4 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 24vdc	0.2	\$138	V1G (V1)
RS485 Card	CFW500-CRS485-B	CFW500 Comm. Module; 2 RS485, 4 DI, 2 AI, 1 AO, 2 DOR, 1 DOT, 10vdc, 24vdc	0.2	\$143	V1G (V1)
CANopen Card	CFW500-CCAN	CFW500 Comm. Module; 1 CAN/DeviceNet, 1 RS485, 2 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 10vdc, 24vdc	0.2	\$138	V1G (V1)
Profibus DP Card	CFW500-CPDP	CFW500 Comm. Module; 2 DI, 1 AI, 1 AO, 1 DOR, 1 DOT, 1 Profibus DP, 1 RS485, 24vdc (DB9 connector)	0.2	\$405	V1G (V1)
Profibus DP & DP-V1 Module	CFW500-CPDP2	CFW500 Comm. Module; 1-Profibus DP & DP-V1 100BASE TX RJ-45 Port, 1-RS485, 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 24vdc (Terminal Block Connector)	0.2	\$445	V1G (V1)
Modbus TCP Comm. Module	CFW500-CEMB-TCP	CFW500 Comm. Module; 1-Modbus TCP 100BASE TX RJ-45 Port, 1-RS485, 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 24vdc	0.2	\$499	V1G (V1)
ProfiNet I/O Comm. Module	CFW500-CEPN-IO	CFW500 Comm. Module; 1-ProfiNet I/O 100BASE TX RJ-45 Port, 1-RS485, 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 24vdc	0.2	\$499	V1G (V1)
EtherNet IP Comm. Module	CFW500-CETH-IP	CFW500 Comm. Module; 2-DI, 1-AI, 1-AO, 1-DOR, 1-DOT, 1-RS485, 1-EtherNet IP 100BASE TX RJ-45 Port, 24vdc	0.2	\$499	V1G (V1)
Dual Port Ethernet Module (Ethernet/IP or Modbus TCP)	CFW500-CETH2	CFW500 Dual Port Comm. Module: 2-DI, 1-AI, 1-DOT, 1-RS485, 2-EtherNet 100BASE TX RJ-45 Ports. Note: The module will require external 24vdc power to use 1-DOT. The CFW500-G2 drive must have FM V3.9x or above to use this module.	0.3	\$575	V1G (V1)
STO Module	CFW500-SFY2²	CFW500 Safety Function Module; Safe Torque Off (STO) / Stop Category 0, Safe Stop 1 Time Controlled (SS1-t) / Stop Category 1; Safety Category: SIL 3, PL e	1.8	\$140	V1G (V1)
STO Module Plug	CFW50X-STO-JMP	CFW50x STO module plug	0.2	\$12	PTD
Flash Memory Module	CFW500-MMF	CFW500 Flash Memory Module for saving and reloading program and parameters to / from the drive.	0.2	\$189	V1G (V1)
Remote Keypad - Non Text	CFW500-HMIR³	CFW500 Remote non-text Keypad for mounting through enclosure door (Mounting Frame Kit is not required).	0.6	\$169	V1G (V1)
Remote Keypad - Advanced Text	HMI-01⁴	CFW500 Remote Advanced Text Keypad for mounting through enclosure door (Mounting Frame Kit is required).	0.4	\$205	V1G (V1)
Remote Keypad - Advanced Text Frame Kit	CFW500-RHMIF	CFW500 Remote Advanced Text Keypad enclosure door mounting frame kit	0.5	\$25	V1G (V1)
HMI Cable 1M	CFW500-CCHMIR01M	3.3 ft (1 meter) Remote Keypad Cable	0.5	\$23	V1G (V1)
HMI Cable 2M	CFW500-CCHMIR02M	6.6 ft (2 meter) Remote Keypad Cable	0.7	\$31	V1G (V1)
HMI Cable 3M	CFW500-CCHMIR03M	9.9 ft (3 meter) Remote Keypad Cable	1.0	\$41	V1G (V1)
HMI Cable 5M	CFW500-CCHMIR05M	16 ft (5 meter) Remote Keypad Cable	1.2	\$51	V1G (V1)
HMI Cable 7.5M	CFW500-CCHMIR075M	25 ft (7.5 meter) Remote Keypad Cable	1.5	\$61	V1G (V1)
HMI Cable 10M	CFW500-CCHMIR010M	33 ft (10 meter) Remote Keypad Cable	2.0	\$72	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1A	NEMA 1 kit – Frame Size A	2.0	\$28	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1B	NEMA 1 kit – Frame Size B	3.0	\$33	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1C	NEMA 1 kit – Frame Size C	3.0	\$44	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1D	NEMA 1 kit – Frame Size D	3.0	\$59	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1E	NEMA 1 kit – Frame Size E	6.0	\$64	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1F	NEMA 1 kit – Frame Size F	12.0	\$165	V1G (V1)
NEMA1 Conduit Kit	CFW500-KN1G	NEMA 1 kit – Frame Size G	17.0	\$215	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSA	Cable Shield Clamp Kit for Frame A	1.0	\$41	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSB	Cable Shield Clamp Kit for Frame B	1.0	\$44	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSC	Cable Shield Clamp Kit for Frame C	1.1	\$46	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSD	Cable Shield Clamp Kit for Frame D	1.1	\$51	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSE	Cable Shield Clamp Kit for Frame E	6.0	\$64	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSF	Cable Shield Clamp Kit for Frame F	15.0	\$140	V1G (V1)
Cable Shield Clamp Kit	CFW500-KPCSG	Cable Shield Clamp Kit for Frame G	18.0	\$180	V1G (V1)
CFW500 Demo Suitcase	CFW500-DEMO-BLK	CFW500 Black Demo Suitcase with Remote Text keypad and STO Module	45.0	\$5,585	V1G (V1)

Notes:

1) The "CFW500-IOS" module is included as standard with CFW500-IP20 & IP66 Drives.

2) The "CFW500-SFY2" Module can be installed in the CFW500-IP20 & IP66 drives in addition to the "CFW500-IOS" or any other I/O or communication module. The "CFW500-SFY2" module only works with 230V & 460VAC, CFW500-G2 (Generation-2) drives. For CFW500-IP20, Frame-A to E VFDs, the NEMA1 Kit top cover to protect the VFD from falling dust can not be used if the "CFW500-SFY2" is installed on the drive.

3) The "CFW500-HMIR" Remote Keypad (Non-Text) requires Qty. (1) CFW500-CCHIR0xM cable. ("x" represents the cable length in meters)

4) The "HMI-01" remote Keypad (Advanced Text) requires Qty. (1) CFW500-RHMIF & Qty. (1) CFW500-CCHIR0xM cable. ("x" represents the cable length in meters). This keypad only works with 230VAC & 460VAC, CFW500-G2 (Generation-2) drives.

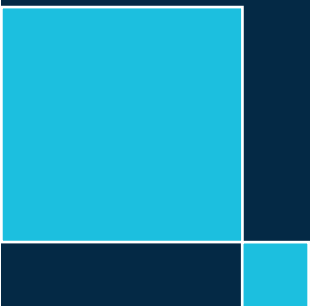
CFW500-N4X/IP66 Technical Data

Technical Data

Power rating	Power supply	Tolerance: -15 to +10%
		Frequency: 50/60 Hz (48 Hz to 62 Hz)
		Phase imbalance: ≤3% of the rated phase-phase input voltage
		Transient voltages and overvoltages according to Category III (EN 61010/UL 508C)
		Maximum of 10 (line) connections per hour (1 every 6 minutes)
Control	Method	Typical efficiency: ≥97%
		V/F (scalar)
		VVW: voltage vector control Vector without encoder (sensorless) and closed loop vector with encoder PM VVW: voltage vector control for permanent magnet motors
Performance	Output frequency	0 to 500 Hz, resolution of 0.015 Hz
	V/F Control	Speed regulation: 1% of the rated speed (with slip compensation) Speed variation range: 1:20
	Vector control (VVW)	Speed regulation: 1% of the rated speed Speed variation range: 1:30
	Sensorless	Speed regulation: 0.5% of the rated speed Speed variation range: 1:100
	Vector control with Encoder	Speed regulation: 0.1% of the rated speed Speed variation range: 1:100
	PM VVW Control	Regulation: 0.1 % of the rated speed Speed variation range: 1:20
Environment conditions	Temperature around the CFW500	14°F to 122°F (-10 °C to 50 °C) - IP20 (sizes A to E) 14°F to 104°F (-10 °C to 40 °C) - IP20 (sizes A to E) when installed side by side 14°F to 104°F (-10 °C to 40 °C) - NEMA 1 (sizes A to E) 14°F to 104°F (-10 °C to 40 °C) - IP20, NEMA 1 (size F) 14°F to 113°F (-10 °C to 45 °C) - IP20, NEMA 1 (size G) 14°F to 104°F (-10 °C to 40 °C) - IP66 (sizes A & B) For CFW500-IP20-Frame A to E & CFW500-IP66-Frame A & B, when operating temperatures are above the specification, it is necessary to apply 2% of current derating for each Celsius degree (°C), limited to an increase of 10 °C. For CFW500-IP20-Frame F & G, when operating temperatures are above the specification, it is necessary to apply 1% of current derating for each Celsius degree (°C) up to 50 °C, and 2% up to 60 °C (maximum).
	Aggressive environments	Protection Class 3C2 - Standard coating on the internal circuits, according to IEC 60721-3-3 (standard model)
	Air relative humidity	Protection Class 3C3 - Extra coating - optional, according to IEC 60721-3-3 (optional)
	Altitude	5% to 95% non-condensing
	Pollution degree	Up to 1,000 m (maximum altitude under normal conditions) 1,000 to 4,000 m: current derating of 1% for each 100 m above 1,000 m of altitude
Inputs ¹⁾	Analog	2 (EN 50178 and UL 508C), with non-conductive pollution Condensation must not cause conduction of the accumulated residues
	Digital	1 isolated input. Levels: (0 to 10) V or (0 to 20) mA or (4 to 20) mA Linearity error ≤0.25% Impedance: 100 kΩ for voltage input, 500 Ω for current input Programmable functions, including PTC input Maximum voltage accepted in the inputs: 30 V dc
Outputs ¹⁾	Analog	4 isolated inputs Programmable functions: Active high (PNP): maximum low level of 15 V dc; minimum high level of 20 V dc Active low (NPN): maximum low level of 5 V dc; minimum high level of 9 V dc Maximum input voltage of 30 V dc Input current: 4.5 mA Maximum input current: 5.5 mA
	Relay	1 isolated output. Levels (0 to 10) V or (0 to 20) mA or (4 to 20) mA Linearity error ≤0.25% Programmable functions RL ≥10 kΩ (0 to 10 V) or RL ≤500 Ω (0 to 20 mA / 4 to 20 mA)
	Transistor	1 relay with NO/NC contact Maximum voltage: 240 V ac Maximum current of 0.5 A Programmable functions
	Power supply	1 isolated open sink digital output (using as reference the 24 V dc power supply) Maximum current of 150 mA (maximum capacity of the 24 V dc power supply) ²⁾ Programmable functions
Communication	Selectable plug-in	24 V dc power supply. Maximum capacity: 150 mA ²⁾ Power supply of 10 V dc. Maximum capacity: 2 mA
Safety	Protection	Standard Communication: One RS485 (Modbus RTU / BACnet) Port. Optional: CANopen, DeviceNet, Profibus-DP, EtherNet/IP, Modbus-TCP, PROFINET IO, USB, RS485 (two Ports) and RS232 port
		Phase-phase overcurrent/short circuit in the output Phase-ground overcurrent/short circuit in the output Undervoltage/overvoltage in the power Overtemperature of the heatsink Motor overload Overload on the power module (IGBTs) External fault / alarm Programming error
Operating interface (keypad)	Standard (built in the CFW500)	9 keys: Run/Stop, Increment, Decrement, Direction of rotation, Jog, Local/Remote, Back/Esc and Enter/Menu LCD Display It allows accessing/changing all the parameters Accuracy of the indications: Current: 5% of the rated current Speed resolution: 0.1 Hz
Protection degree	IP20	Sizes A, B, C, D, E, F and G
	NEMA1	Sizes A, B, C, D, E, F and G with NEMA1 kit
	IP66/NEMA4X (Indoor/Outdoor)	Sizes A and B

Notes: 1) The number and/or types of analog/digital inputs/outputs may vary according to the plug-in module (accessory) used. In the table above, the standard plug-in module (CFW500-IOS) was taken into account. For further information, refer to the CFW500 user manual.

2) The maximum capacity of 150 mA considers the load of the 24 V power supply plus the transistor output, that is, the sum of the consumption of both must not exceed 150 mA.



WEG's scope of solutions is not limited to the products and solutions presented in this brochure.

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Information contained herein is subject to change without notice.