

# Part Number Configuration

## Ordering

WEG model numbers contains up to 20 characters, distributed as follows:

<u>XXX</u> (HP)	<u>XX</u> (rpm)	<u>XXX</u> (Model)	<u>X</u> (Volts)	<u>X X X X X</u> (Application + Frame)	<u>- W22</u> When Applicable
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HP<sup>1</sup> - .12 - .16 - .25 - .33 - .50 - .75 - 001 - 0015 - 002 - 003 - 004 - 00451 - 005 - 007 - 010 - 015 - 020 - 025 - 030 - 040 - 050 - 075 - 100 - 125 - 150 - 200 - 250 - 300 - 400 - 450 - 500 - 600 - 650 ...

**RPM -**     **36:** 3600rpm                                     **18:** 1800rpm                                     **12:** 1200rpm                                     **09:** 900rpm  
                  **30:** 3000rpm                                     **15:** 1500rpm                                     **10:** 1000rpm                                     **07:** 750rpm

**Model - Three Characters:**

X <u>ENCLOSURE</u>	X <u>EFFICIENCY</u>	X <u>PHASE</u>
E - Totally <u>E</u> nclosed	S - Standard Efficiency	1 - <u>1</u> Phase
S - Severe Duty <u>I</u> EEE 841	P - High Efficiency	3 - <u>3</u> Phase
O - Open drip proof	T - NEMA Premium	
X - eXplosion proof	G - Super Premium	
A - Totally Enclosed <u>A</u> ir Over		
N - Totall Enclosed <u>N</u> on Ventilated		

### Application + Frame -

For Definite Purpose lines, two pre-selected letters must be used after voltage code:

<b>AD</b>	-	<b><u>A</u>uger <u>D</u>rive</b>
<b>AL</b>	-	<b><u>A</u>luminum <u>F</u>rame</b>
<b>AX</b>	-	<b><u>A</u>TEX <u>M</u>otor</b>
<b>BM</b>	-	<b><u>B</u>rake <u>M</u>otor</b>
<b>CD</b>	-	<b><u>C</u>ompressor <u>D</u>uty</b>
<b>CT</b>	-	<b><u>C</u>ooling <u>T</u>ower</b>
<b>DP</b>	-	<b><u>D</u>ouble <u>P</u>ole (2 Speed)</b>
<b>EC</b>	-	<b><u>E</u>vaporative <u>C</u>ooler</b>
<b>FD</b>	-	<b><u>F</u>arm <u>D</u>uty</b>
<b>FP</b>	-	<b><u>F</u>ire <u>P</u>ump</b>
<b>HP</b>	-	<b><u>H</u>ydraulic <u>P</u>ump</b>
<b>HS</b>	-	<b><u>H</u>ollow <u>S</u>haft</b>
<b>IB</b>	-	<b><u>I</u>nverter <u>D</u>uty (TEBC)</b>
<b>IE</b>	-	<b><u>I</u>EEE 841 (Severe Duty IEEE 841)</b>
<b>IP</b>	-	<b><u>I</u>rrigation <u>P</u>umping</b>
<b>JP</b>	-	<b><u>J</u>et <u>P</u>ump</b>
<b>KD</b>	-	<b><u>C</u>rusher-<u>D</u>uty</b>
<b>OL</b>	-	<b><u>M</u>anual <u>O</u>ver<u>L</u>oad <u>P</u>rotection</b>
<b>OT</b>	-	<b><u>O</u>il <u>W</u>ell <u>P</u>umping - <u>T</u>riple Rated</b>
<b>OW</b>	-	<b><u>O</u>il <u>W</u>ell <u>P</u>umping</b>
<b>PF</b>	-	<b><u>P</u>oultry <u>F</u>an</b>
<b>PM</b>	-	<b><u>P</u>ad <u>M</u>ount</b>
<b>R</b>	-	<b>(Before the frame size): <u>R</u>ound <u>B</u>ody</b>
<b>RB</b>	-	<b><u>R</u>oller <u>B</u>eatings (Integrals)<sup>2</sup></b>
<b>RB</b>	-	<b><u>R</u>esilient <u>B</u>ase (Fractionals)</b>
<b>RS</b>	-	<b><u>R</u>olled <u>S</u>teel <u>F</u>rame</b>
<b>SA</b>	-	<b><u>S</u>aw <u>A</u>rbor</b>
<b>SP</b>	-	<b><u>S</u>plit <u>P</u>hase</b>
<b>SS</b>	-	<b><u>S</u>tainless <u>S</u>teel</b>
<b>VD</b>	-	<b><u>V</u>ector <u>D</u>uty (TEBC or TENV)</b>

<b>Volts -</b>	
A - 115V	L - 415V
B - 115 / 208 - 230V	M - 220 / 380 - 415V
C - 208 - 230V	N - 220 / 380V
D - 230V	O - 380 - 415V
E - 208 - 230 / 460V*	P - 200V
F - 230 / 460V	Q - 460V
G - 460V PWS	R - 115 / 230V
H - 575V	V - 200 / 400V
I - 220V	W - 460/220-240/380-415V
J - 380V	X - Other Voltage
K - 190 / 380V	Y - 460/380-415/660-690V

\* Suitable for PWS on 254T and larger on low voltage connection.

- <sup>1)</sup> • For IEC Metric motors, the output will be given in kW:  
 .12 - .18 - .25 - .37 - .55 - .75 - 001 - 0015 - 002 - 003 - 004 - 0045 - 005 - 007 - 009 - 011 - 015 - 018 - 022 - 030 - 037 - 045 - 055 - 075 - 090 - 110 - 130 - 150 - 185 - 200 - 220 - 250 - 300 - 315 ...  
 • 0015 (1.5HP) is the rating that will have four digits for output identification and only one for RPM.  
 • 0045 (4.5kW) is the rating that will have four digits for output identification and only one for RPM.

### Frame

The frame number must be included as long as the number of remaining characters allow.

**Example:** 143T, 143TC, 405T, 405TS, 184JP.

### -W22 Suffix

-W22 Suffix will be added to the catalog number of totally enclosed motors with the new W22 WEG design. Depending on the number of remaining characters this suffix might appear as -W or -W2.

<sup>2)</sup> Roller bearings are recommended for all belt driven applications 100HP and above.