

## 115/230VAC Dayton **Permanent Split Capacitor Parallel-Shaft Gearmotors**

- Gearcase: die-cast aluminum
- Lubrication: permanent heavy gear oil
- · Gears: hardened steel, **AGMA Class 9**
- Bearings: needle throughout with thrust ball on case and ball on motor

Max. Torque

710 in-lb

710 in-lb

700 in-lb

630 in-lb

660 in-lb

490 in-lb 345 in-lb

- Mounting: all position
- 60/50 Hz

TEFC 6 RPM

Nameplate RPM

1.2 RPM

12 RPM 14 RPM

30 RPM

58 RPM 81 RPM



- Rotation: reversible
- Thermal protection: none
- Ambient: 40°C

138: 116:

28:1

20:

- Capacitor: included
- Brake: adaptable to 5X400 (A. and B. units), sold separately on Grainger.com

Note: Ratings shown are at 60 Hz. Gearmotors are also operable at 50 Hz, with HP and rpm at

5/6 of the 60-Hz rating.								
put HP	Gear Ratio	Full Load Amps	Length Less Shaft	Item No.				
8 hp	1427:1	0.36/0.21	9 <sup>15</sup> / <sub>16</sub> in	2H618				
hp	276:1	2.1/1.1	11 % in	2H616	*			
hp	138:1	2.1/1.1	11 % in	2H614	*			

11 % in 16 in

16 in

2H612

2H610 2H608

2H606

\* Capacitor remotely mounted. † No rear-shaft extension.

Overhung

Load

900 lb

900 lb

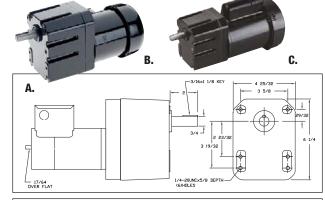
900 lb

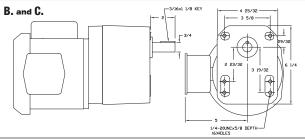
900 lb

650 lb

600 lb

550 lb





## 115/230VAC Permanent Split **Capacitor Parallel-Shaft Gearmotors**

1/6 hp 1/2 hp

½ hp ½ hp

- Enclosure: totally enclosed fan cooled Rotation: reversible
- Gearcase: machined die-
- cast aluminum Lubrication: permanent
- heavy-duty gear oil
- Gears: hardened steel, AGMA Class 9 ■ Bearings: ball and needle
- on case, ball on motor Mounting: all position
- 60/50 Hz

- Thermal protection: none

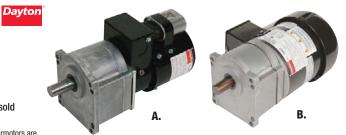
5.2/2.8

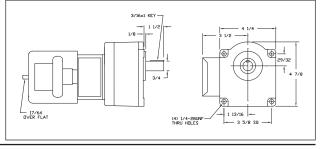
- Motor dia.: A. 4", B. 5.5"
- Ambient: 40°C
- Capacitor: included
- Brake: adaptable to 5X400 (sold separately on Grainger.com)

Note: Ratings shown are at 60 Hz. Gearmotors are also operable at 50 Hz, with HP and rpm at 5/6 of the 60-Hz rating.

No. of

6 RPM 500 in-lb 300 lb ½2 hp 266:1 1.2/0.63 9 ½ in 1 1LPX6 10 RPM 500 in-lb 300 lb ½2 hp 164:1 1.2/0.63 9 ½ in 1 1LPX5 14 RPM 340 in-lb 300 lb ½2 hp 114:1 1.2/0.63 9 ½ in 1 1LPX5 15 RPM 500 in-lb 400 lb ½6 hp 108:1 2.05/1.05 10 in 2 1LPX4 20 RPM 500 in-lb 400 lb ½6 hp 80:1 2.05/1.05 10 in 2 1LPX4 30 RPM 360 in-lb 400 lb ½6 hp 38:1 2.05/1.05 10 in 2 1LPX4 43 RPM 265 in-lb 400 lb ½6 hp 38:1 2.05/1.05 10 in 2 1LPX9 63 RPM 180 in-lb 400 lb ½6 hp 38:1 2.05/1.05 10 in 2 1LPW9 91 RPM 130 in-lb 400 lb ½6 hp 18:1 2.05/1.05 10 in 2 1LPW9 156 RPM 77 in-lb 400 lb ½6 hp 10:1 2.05/1.05 10 in 2 1LPW9	Key	Nameplate RPM	Max. Torque	Overhung Load	Input HP	Gear Ratio	Full Load Amps	Length Less Shaft	Brake Discs Req.	Item No.
14 RPM         340 in-lb         300 lb         ½ hp         114:1         1.2/0.63         9½ in         1         1LPX3           15 RPM         500 in-lb         400 lb         ½ hp         108:1         2.05/1.05         10 in         2         1LPX3           20 RPM         500 in-lb         400 lb         ½ hp         80:1         2.05/1.05         10 in         2         1LPX1           30 RPM         360 in-lb         400 lb         ½ hp         54:1         2.05/1.05         10 in         2         1LPX1           B         43 RPM         265 in-lb         400 lb         ½ hp         38:1         2.05/1.05         10 in         2         1LPW3           63 RPM         180 in-lb         400 lb         ½ hp         26:1         2.05/1.05         10 in         2         1LPW8           91 RPM         130 in-lb         400 lb         ½ hp         18:1         2.05/1.05         10 in         2         1LPW8		6 RPM	500 in-lb	300 lb	1/12 hp	266:1	1.2/0.63	9 ½ in	1	1LPX6
15 RPM   500 in-lb   400 lb   ½ hp   108:1   2.05/1.05   10 in   2   1LPX4	Α	10 RPM	500 in-lb	300 lb	1/12 hp	164:1	1.2/0.63	9 ½ in	1	1LPX5
20 RPM   500 in-lb   400 lb   ½ hp   80:1   2.05/1.05   10 in   2   1LPX2   30 RPM   360 in-lb   400 lb   ½ hp   54:1   2.05/1.05   10 in   2   1LPX1   43 RPM   265 in-lb   400 lb   ½ hp   38:1   2.05/1.05   10 in   2   1LPX1   43 RPM   180 in-lb   400 lb   ½ hp   26:1   2.05/1.05   10 in   2   1LPW8   91 RPM   130 in-lb   400 lb   ½ hp   18:1   2.05/1.05   10 in   2   1LPW8		14 RPM	340 in-lb	300 lb	1/12 hp	114:1	1.2/0.63	9 ½ in	1	1LPX3
30 RPM   360 in-lb   400 lb   ½ hp   54:1   2.05/1.05   10 in   2   1LPX1   43 RPM   265 in-lb   400 lb   ½ hp   38:1   2.05/1.05   10 in   2   1LPX1   63 RPM   180 in-lb   400 lb   ½ hp   26:1   2.05/1.05   10 in   2   1LPW3   91 RPM   130 in-lb   400 lb   ½ hp   18:1   2.05/1.05   10 in   2   1LPW3   12 RPX3   10 RPX3	В	15 RPM	500 in-lb	400 lb	1/5 hp	108:1	2.05/1.05	10 in	2	1LPX4
B 43 RPM 265 in-lb 400 lb ½ hp 38:1 2.05/1.05 10 in 2 <b>1LPW9</b> 63 RPM 180 in-lb 400 lb ½ hp 26:1 2.05/1.05 10 in 2 <b>1LPW8</b> 91 RPM 130 in-lb 400 lb ½ hp 18:1 2.05/1.05 10 in 2 <b>1LPW7</b>		20 RPM	500 in-lb	400 lb	1⁄5 hp	80:1	2.05/1.05	10 in	2	1LPX2
63 RPM 180 in-lb 400 lb ½ hp 26:1 2.05/1.05 10 in 2 <b>1LPW8</b> 91 RPM 130 in-lb 400 lb ½ hp 18:1 2.05/1.05 10 in 2 <b>1LPW7</b>		30 RPM	360 in-lb	400 lb	1/5 hp	54:1	2.05/1.05	10 in	2	1LPX1
91 RPM 130 in-lb 400 lb 1/5 hp 18:1 2.05/1.05 10 in 2 <b>1LPW7</b>		43 RPM	265 in-lb	400 lb	1/5 hp	38:1	2.05/1.05	10 in	2	1LPW9
		63 RPM	180 in-lb	400 lb	1∕5 hp	26:1	2.05/1.05	10 in	2	1LPW8
156 RPM 77 in-lb 400 lb 1/5 hp 10:1 2.05/1.05 10 in 2 <b>1LPW6</b>		91 RPM	130 in-lb	400 lb	1/5 hp	18:1	2.05/1.05	10 in	2	1LPW7
		156 RPM	77 in-lb	400 lb	¹⁄₅ hp	10:1	2.05/1.05	10 in	2	1LPW6





## Dayton 115/230VAC Permanent Split **Capacitor Parallel-Shaft Gearmotors**

- Enclosure: totally enclosed fan cooled
- Gearcase: die-cast zinc
- Lubrication: grease filled
- Gears: heat-treated steel/phenolic
- Bearings: porous bronze sleeve on case; ball on motor
- Mounting: all-position
- 60/50 Hz

- Rotation: reversible
- Thermal protection: none
- Ambient: 40°C
- Capacitor included
- Brake: adaptable to 5X400 using 1 disc in brake (sold separately on Grainger.com)

Note: Ratings shown are at 60 Hz. Gearmotors are also operable at 50 Hz, with HP and rpm at 5/6 of the 60 Hz rating.

Nameplate RPM	Max. Torque	Overhung Load	Input HP	Gear Ratio	Full Load Amps	Length Less Shaft	Item No.
6 RPM	600 in-lb	250 lb	1/12 hp	267:1	1.2/0.63	9 1/8 in	1LPL5
12 RPM	400 in-lb	250 lb	1/12 hp	135:1	1.2/0.63	9 1/8 in	1LPL4
20 RPM	250 in-lb	250 lb	1/12 hp	81:1	1.2/0.63	9 % in	1LPL3

