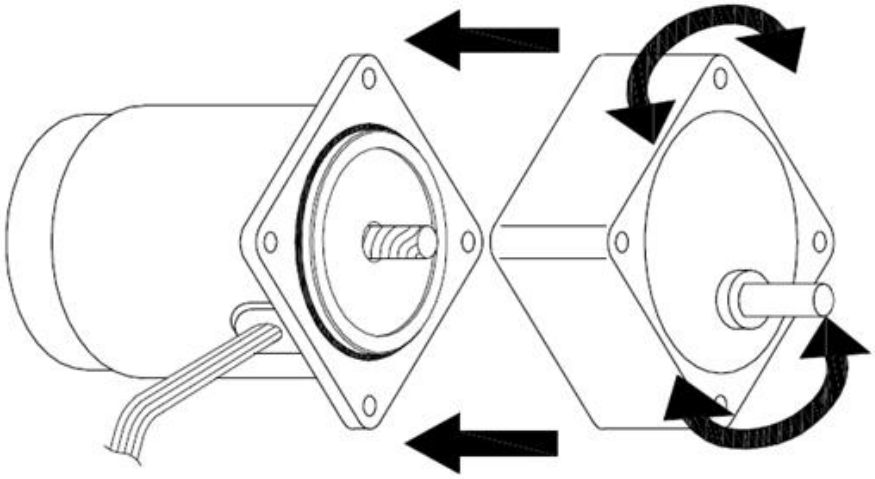




DC MOTOR



RIGHT ANGLE GEARBOX

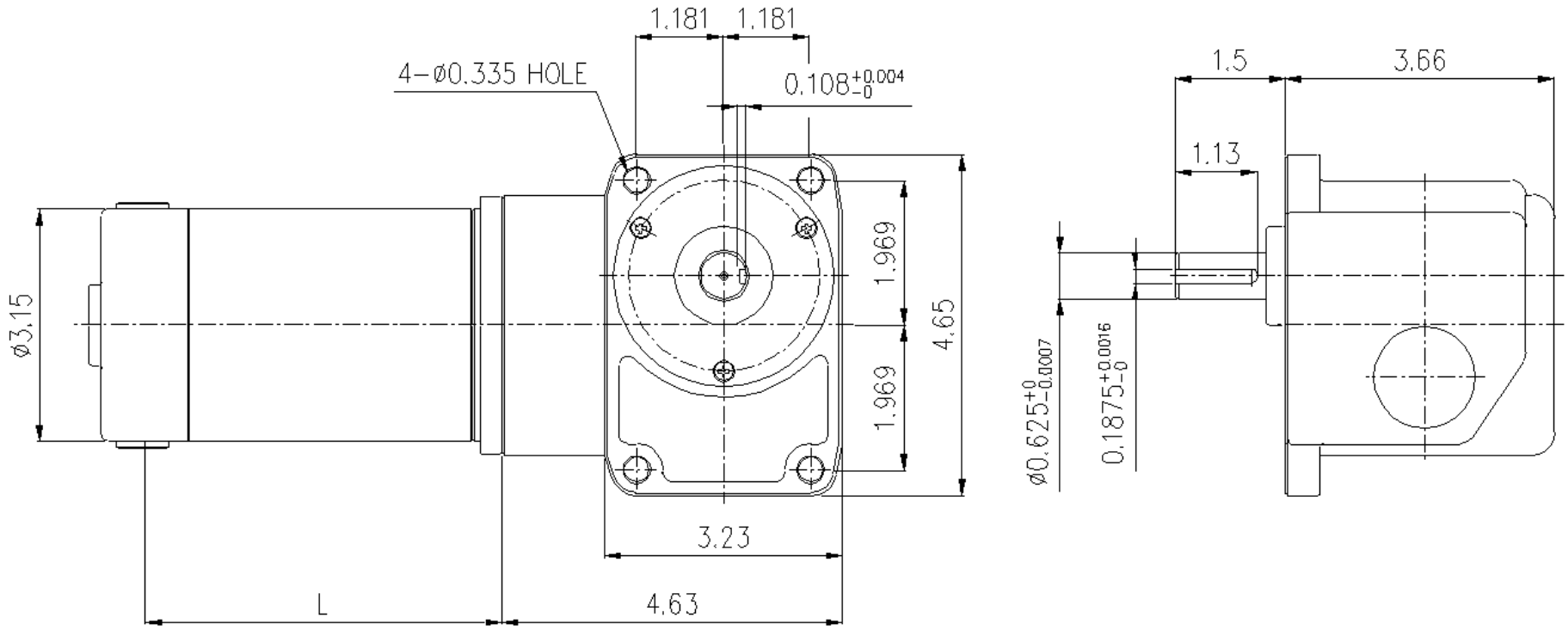
ASSEMBLY INFO

MODEL:

7CV50 –V64

Dayton®

DAYTON ELECTRIC MANUFACTURING CO.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045 USA

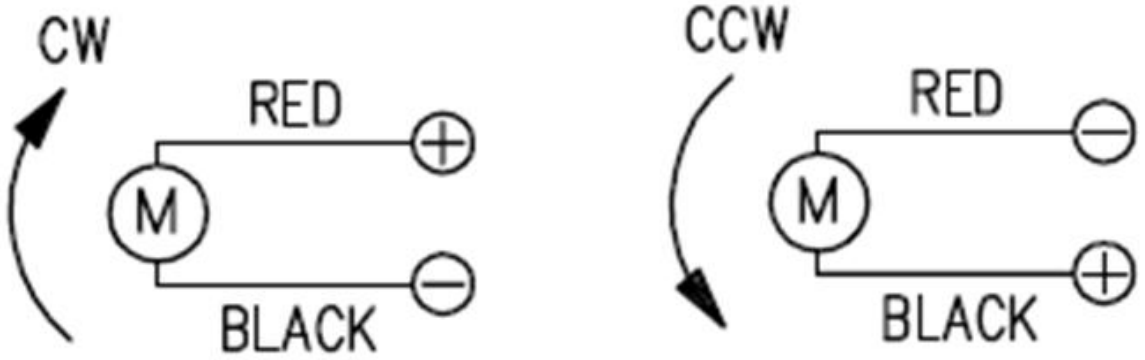


OUTLINE DRAWING

MODEL:

7CV50 –V64

DAYTON ELECTRIC MANUFACTURING CO.
100 GRAINGER PARKWAY
LAKE FOREST, IL 60045 USA



NOTE:

1. THIS MOTOR HAS A 1.0 FORM FACTOR (FF) RATING, SO THE MOTOR SUPPLY MUST HAVE THE SAME RATING.
2. USING A MOTOR SUPPLY WHICH HAS A HIGHER FF RATING WILL OVERHEAT THE MOTOR.

HP: 1/8 Watt: 90 Speed: 2920 RPM	**Volt: 24 DC FLA: 5.6 FF: 1.0**	**Capacitor Value: None**
WIRE DIAGRAM	**MODEL:** **7CV50 –V64**	**DAYTON ELECTRIC MANUFACTURING CO.** **100 GRAINGER PARKWAY** **LAKE FOREST, IL 60045 USA**

7-Combo No.	Motor SKU	Gearbox SKU	"L" Dimension (IN)	Shaft Rotation with Respect to Motor Shaft	No Load Speed (RPM)	Estimated Full Load Speed (RPM)	Gear Box Ratio	Max. Torque (IN-LB)	Max. Over Hung Load (LB)	Max. Thrust Load (LB)
7CV50	23L405	23L494	5.61	Opposite	1083	973	3:1	5.31	112.4	56.2
7CV51	23L405	23L495	5.61	Opposite	903	811	3.6:1	6.37	112.4	56.2
7CV52	23L405	23L496	5.61	Opposite	650	584	5:1	8.85	112.4	56.2
7CV53	23L405	23L497	5.61	Opposite	542	487	6:1	10.6	112.4	56.2
7CV54	23L405	23L498	5.61	Opposite	433	389	7.5:1	13.3	112.4	56.2
7CV55	23L405	23L499	5.61	Opposite	361	324	9:1	15.9	112.4	56.2
7CV56	23L405	23L501	5.61	Opposite	260	234	12.5:1	22.1	134.89	56.2
7CV57	23L405	23L502	5.61	Opposite	217	195	15:1	26.6	134.89	56.2
7CV58	23L405	23L503	5.61	Opposite	181	162	18:1	31.9	134.89	56.2
7CV59	23L405	23L504	5.61	Opposite	130	117	25:1	44.3	134.89	56.2
7CV60	23L405	23L505	5.61	Opposite	108	97.3	30:1	46.9	157.37	56.2
7CV61	23L405	23L506	5.61	Opposite	90.3	81.1	36:1	56.2	157.37	56.2
7CV62	23L405	23L507	5.61	Opposite	65.0	58.4	50:1	78.1	157.37	56.2
7CV63	23L405	23L508	5.61	Opposite	54.2	48.7	60:1	93.7	157.37	56.2
7CV64	23L405	23L509	5.61	Opposite	43.3	38.9	75:1	117.2	157.37	56.2