

DC MOTOR



RIGHT ANGLE GEARBOX

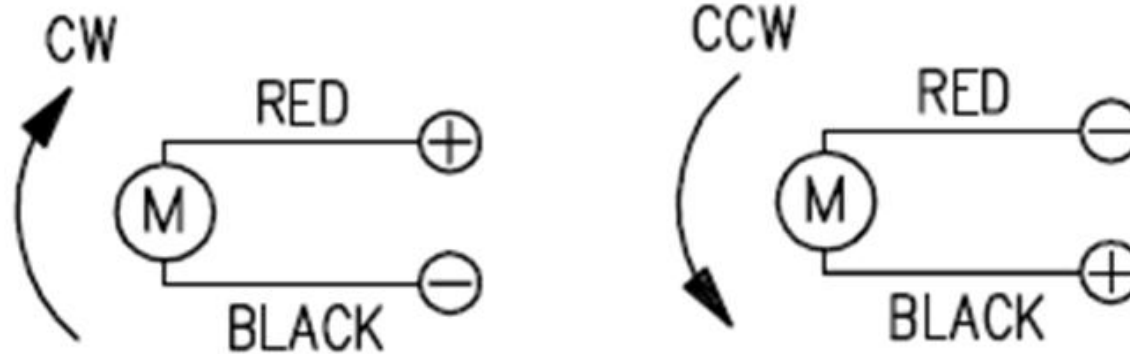
**ASSEMBLY INFO**

**MODEL:**  
7CK08-K20,7CK53-K59




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





NOTES:

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.
3. DO NOT USE SCR, 1.3 FF MOTOR SPEED CONTROL WITH THIS MOTOR.

HP: 1/19	Watt: 40	Speed: 3000 RPM	Volt: 90 DC	FLA: 0.8	FF: 1.0	Capacitor Value: None
<b>WIRE DIAGRAM</b>			MODEL:			DAYTON ELECTRIC MANUFACTURING CO. 100 GRAINGER PARKWAY LAKE FOREST, IL 60045 USA
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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)
7CK08	23L387	23L474	4.90	Opposite	1067	1000	3:1	2.46	78.7	44.96
7CK09	23L387	23L475	4.90	Opposite	889	833	3.6:1	2.95	78.7	44.96
7CK10	23L387	23L476	4.90	Opposite	640	600	5:1	4.10	78.7	44.96
7CK11	23L387	23L477	4.90	Opposite	533	500	6:1	4.92	78.7	44.96
7CK12	23L387	23L478	4.90	Opposite	427	400	7.5:1	6.16	78.7	44.96
7CK13	23L387	23L479	4.90	Opposite	356	333	9:1	7.39	78.7	44.96
7CK14	23L387	23L480	4.90	Opposite	256	240	12.5:1	10.3	78.7	44.96
7CK15	23L387	23L481	4.90	Opposite	213	200	15:1	12.3	78.7	44.96
7CK16	23L387	23L482	4.90	Opposite	178	167	18:1	14.8	78.7	44.96
7CK17	23L387	23L483	4.90	Opposite	128	120	25:1	18.1	101.2	44.96
7CK18	23L387	23L484	4.90	Opposite	107	100	30:1	21.7	101.2	44.96
7CK19	23L387	23L485	4.90	Opposite	88.9	83.3	36:1	26.1	101.2	44.96
7CK20	23L387	23L486	4.90	Opposite	64.0	60.0	50:1	36.2	101.2	44.96
7CK53	23L387	23L487	4.90	Opposite	53.3	50.0	60:1	43.4	101.2	44.96
7CK54	23L387	23L488	4.90	Opposite	42.7	40.0	75:1	54.3	101.2	44.96
7CK55	23L387	23L489	4.90	Opposite	35.6	33.3	90:1	65.2	101.2	44.96
7CK56	23L387	23L490	4.90	Opposite	32.0	30.0	100:1	72.4	101.2	44.96
7CK57	23L387	23L491	4.90	Opposite	26.7	25.0	120:1	86.9	101.2	44.96
7CK58	23L387	23L492	4.90	Opposite	21.3	20.1	150:1	108.6	101.2	44.96
7CK59	23L387	23L493	4.90	Opposite	17.8	17.0	180:1	130.3	101.2	44.96

## SPECIFICATIONS

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