



6" Lead Construction Material

Component	Material
Wire	XLPE 125°C or Flat Jacketed Nitrile 90°C
Sleeve	Brass or 316 SS
Potting	Epoxy
Jam Nut	Brass or 316 SS

Specifications subject to change without notice. Contact Franklin Electric if current material types are required for bid specifications.

Standard XLPE 125°C Lead

Excellent resistance to ozone, abrasion, heat, and oxidizing chemicals.

Special Flat Jacketed Nitrile 90°C Lead (Red)

Excellent resistance to petroleum, mineral, and vegetable oils. Good resistance to acids and bases except those having strong oxidizing effects. Poor resistance to oxygenated solvents such as acetone, methyl ethyl ketone (MEK), and other ketones.

Standard XLPE 125°C Lead

FITS FE MOTOR RATING	JAM NUT MATERIAL	LEAD LENGTH		WIRE SIZE	POWER CONDUCTOR PER CONNECTOR	FE PART NUMBER	REPLACEMENT KIT NUMBER
		FT	M				
All 6" Ratings	Brass	13	4	AWG 8	3 w/GND	152 671 901	305 517 901
	Brass	26	8	AWG 8	3 w/GND	152 671 902	305 517 902
	316 SS	13	4	AWG 8	3 w/GND	152 671 951	305 517 951
	316 SS	26	8	AWG 8	3 w/GND	152 671 952	305 517 952
	316 SS	50	15	AWG 10	3 w/GND	152 672 955	305 518 955
	316 SS	75	23	AWG 10	3 w/GND	152 672 957	305 518 957
5-30 Hp 3.7-22 kW	316 SS	100	30	AWG 10	3 w/GND	152 672 960	305 518 960
	316 SS	125	38	AWG 10	3 w/GND	152 672 962	305 518 962
	316 SS	150	45	AWG 10	3 w/GND	152 672 965	305 518 965
	316 SS	50	15	AWG 8	3 w/GND	152 671 955	305 517 955
	316 SS	75	23	AWG 8	3 w/GND	152 671 957	305 517 957
	316 SS	100	30	AWG 8	3 w/GND	152 671 960	305 517 960
	316 SS	125	38	AWG 8	3 w/GND	152 671 962	305 517 962
	316 SS	150	45	AWG 8	3 w/GND	152 671 965	305 517 965

Special Flat Jacketed Nitrile 90°C Lead (Red)

FITS FE MOTOR RATING	JAM NUT MATERIAL	LEAD LENGTH		WIRE SIZE	POWER CONDUCTOR PER CONNECTOR	FE PART NUMBER	REPLACEMENT KIT NUMBER
		FT	M				
6" Ratings	316 SS	13	4	AWG 8	3 w/jacket, no GND	152 128 901	305 200 901
	316 SS	26	8	AWG 8	3 w/jacket, no GND	152 128 919	305 200 919
	316 SS	50	15	AWG 8	3 w/jacket, no GND	152 128 903	305 200 903
	316 SS	75	23	AWG 8	3 w/jacket, no GND	152 128 904	305 200 904
5-30 Hp 3.7-22 kW	316 SS	100	30	AWG 8	3 w/jacket, no GND	152 128 905	305 200 905
	316 SS	125	38	AWG 8	3 w/jacket, no GND	152 128 906	305 200 906
	316 SS	150	45	AWG 8	3 w/jacket, no GND	152 128 902	305 200 902

NOTES:

1. Refer to Franklin Application-Installation-Maintenance (AIM) Manual for accurate cable sizing.
2. Nitrile cable uses lead sleeve 1" longer than standard.
3. MOTOR WARRANTY IS VOID if Franklin-supplied leads are not used.
4. Replacement leads are available in 25 ft. increments up to 150 ft. Special-cut lengths may be available at an additional charge. Consult factory for price and availability.

XLPO 135°C - Hi-Temp 90 Motors

FITS FE MOTOR RATING	JAM NUT MATERIAL	LEAD LENGTH		WIRE SIZE	POWER CONDUCTOR PER CONNECTOR	FE PART NUMBER	REPLACEMENT KIT NUMBER
		FT	M				
All 6" Ratings	316 SS	13	4	AWG 8	3 w/GND	152 683 951	305 519 951
	316 SS	26	8	AWG 8	3 w/GND	152 683 952	305 519 952
	316 SS	50	15	AWG 8	3 w/GND	152 683 955	305 519 955
	316 SS	75	23	AWG 8	3 w/GND	152 683 957	305 519 957
5-30 Hp 3.7-22 kW	316 SS	100	30	AWG 8	3 w/GND	152 683 960	305 519 960
	316 SS	125	38	AWG 8	3 w/GND	152 683 962	305 519 962
	316 SS	150	45	AWG 8	3 w/GND	152 683 965	305 519 965

NOTES:

1. Refer to Franklin Application-Installation-Maintenance (AIM) Manual for accurate cable sizing.
2. MOTOR WARRANTY IS VOID if Franklin-supplied leads are not used.