

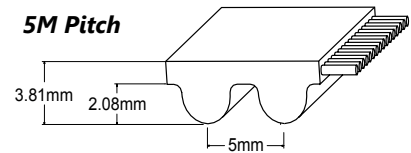
High Torque Drive Belts (5M)

High-Torque Drive Belts (5M Pitch)

Neoprene with Fiberglass Reinforcement

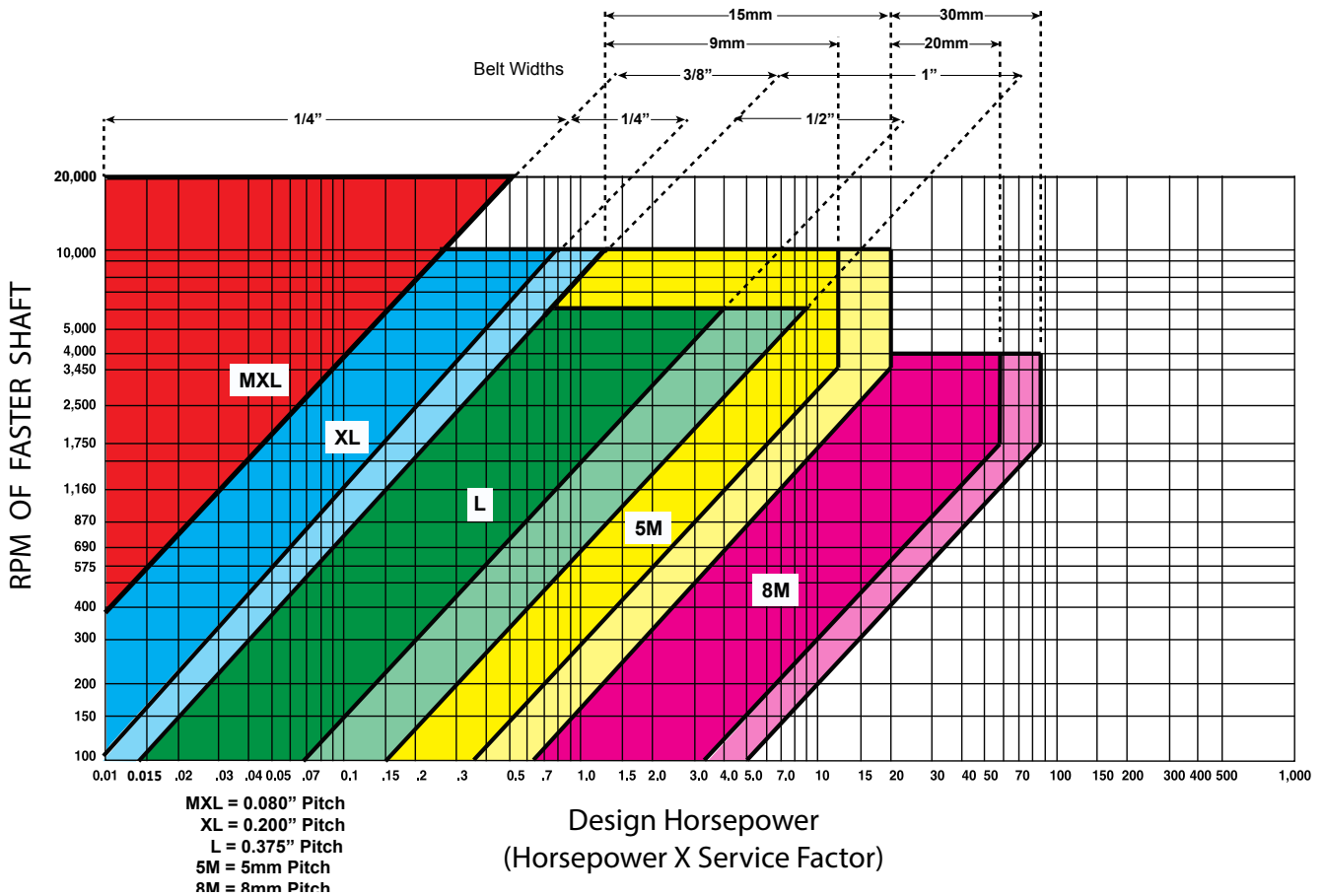
SureMotion High-Torque Drive belts are an excellent choice for drives requiring premium efficiency or synchronous operation and higher power capacity than trapezoidal timing belts. Use them on conveyors, industrial equipment, machine tools, hand power tools, and agricultural equipment where high power density is needed.

- Curvilinear tooth profile (compatible with HTD®)
- Compound: Chloroprene Belt Body, heat and ozone resistant; high tooth shear resistance
- Cord: Fiberglass Tensile Cord; high dimensional stability and maximum flexibility
- Tooth Cover: Nylon Tooth Cover; durability and wear resistance; increased power capacity
- Conforms to ARPM standard IP-27
- Temperature Range: -13°F/+185° (-25°C/+85°C)

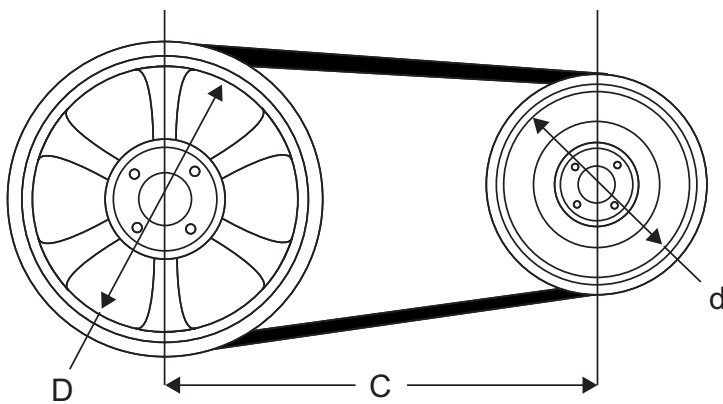


High Torque Drive Belts (5M)							
Part Number	Price	Weight (lb)	# Teeth	Pitch Designation	Pitch (mm)	Circumference (mm)	Width (mm)
180-5M-09-NG		0.03	36	5M	5	180	9
200-5M-09-NG		0.03	40			200	
225-5M-09-NG		0.04	45			225	
240-5M-09-NG		0.04	48			240	
275-5M-09-NG		0.05	55			275	
300-5M-09-NG		0.05	60			300	
325-5M-09-NG		0.05	65			325	
350-5M-09-NG		0.05	70			350	
375-5M-09-NG		0.05	75			375	
400-5M-09-NG		0.05	80			400	
425-5M-09-NG		0.05	85			425	
450-5M-09-NG		0.05	90			450	
465-5M-09-NG		0.05	93			465	
180-5M-15-NG		0.05	36			15	
200-5M-15-NG		0.05	40				200
225-5M-15-NG		0.05	45	225			
240-5M-15-NG		0.05	48	240			
275-5M-15-NG		0.05	55	275			
300-5M-15-NG		0.05	60	300			
325-5M-15-NG		0.05	65	325			
350-5M-15-NG		0.05	70	350			
375-5M-15-NG		0.05	75	375			
400-5M-15-NG		0.05	80	400			
425-5M-15-NG		0.05	85	425			
450-5M-15-NG		0.05	90	450			
465-5M-15-NG		0.05	93	465			

Design Horsepower Chart



Drive Component Selection Continued



Belt Length Calculations

$$L = 2C + 1.57 (D + d) + \frac{(D-d)^2}{4C}$$

Where:

- L = Length of belt at pitch line (in inches)
- C = Center distance (in inches)
- D = Pitch diameter (in inches) of large sprocket
- d = Pitch diameter (in inches) of small sprocket