

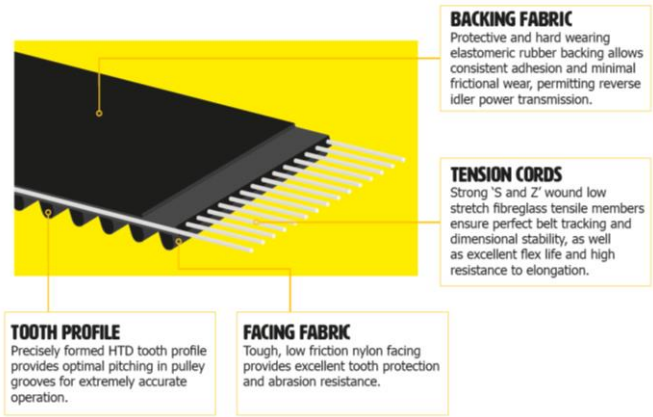


Datasheet

RS PRO HTD Timing Belts 5M Pitch, width 9mm

Stock number: 1755189, 1755193, 1755196, 1755197, 1755201, 1755203, 1755205, 1755208, 1755210, 1755213, 1755215, 1755217, 1755220, 1755221, 1755225, 1755233

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RS Pro HTD Timing belts can be used in drive system applications. High power transmission via its unique tooth profile, enables it to be used in low speed, high torque applications.

- Temperature range from -30°C up to +80°C
- Moderate resistance to common oils
- Good resistance to heat and cold environments
- Low noise, high speed ratio, high belt speed
- Standards: ISO 13050, DIN 7721, IP27 RMA-MPTA

	ISO 13050	5M	8M	14M
PROPERTIES				
Tensile strength (N/mm)	160	300	400	
Load (N)	130	240	320	
Elongation (%)	4.0			
Hardness (Shore A +/- 4°)		82.0		
Adhesion of cloth (N/mm)	6.0	10.0	12.0	
Adhesion of cord (N)	400	700	1200	
Tooth shear strength (N/mm)	50	60	80	
SECTION DIMENSIONS				
Pitch (mm)	5.0	8.0	14.0	
Height (mm)	2.06	3.38	6.02	
Angle (°)		14		
Width (mm)	3.05	5.15	9.40	
Foot radius (mm)	0.42	0.70	1.25	
Head radius (mm)	1.49	2.46	4.50	
Belt Thickness (mm)	3.80	6.00	10.00	
Belt Weight per meter per 10mm width (kg/m)	0.041	0.063	0.108	
Min. crimp (mm)	25	40	70	
Teeth range (min-max)	45 - 400	48 - 450	69 - 327	
Pitch length	225 - 2000	984 - 3600	966 - 4578	

RS Number	Length (mm)	Pitch (mm)	Width (mm)	Teeth
1755189	225	5	9	45
1755193	265	5	9	53
1755196	285	5	9	57
1755197	300	5	9	60
1755201	330	5	9	66
1755203	350	5	9	70
1755205	375	5	9	75
1755208	400	5	9	80
1755210	425	5	9	84
1755213	450	5	9	90
1755215	475	5	9	95
1755217	500	5	9	100
1755220	540	5	9	108
1755221	550	5	9	110
1755225	600	5	9	120
1755233	670	5	9	134

