

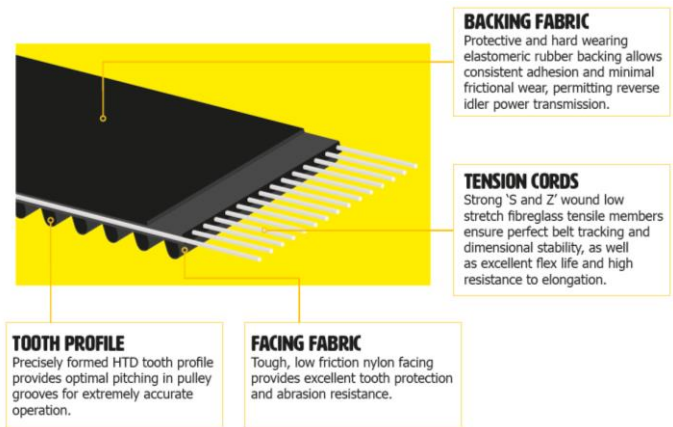


# Datasheet

## RS PRO HTD Timing Belts 5M Pitch, width 15mm

Stock number: 1755194, 1755198, 1755200, 1755202, 1755204, 1755206, 1755209, 1755211, 1755214, 1755216, 1755218, 1755219, 1755222, 1755226, 1755230, 1755235, 1755238, 1755239, 1755243, 1755247, 1755173, 1755174, 1755179

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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
<b>PROPERTIES</b>			
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
<b>SECTION DIMENSIONS</b>			
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
1755194	265	5	15	53
1755198	300	5	15	60
1755200	325	5	15	65
1755202	330	5	15	66
1755204	350	5	15	70
1755206	375	5	15	75
1755209	400	5	15	80
1755211	425	5	15	84
1755214	450	5	15	90
1755216	475	5	15	95
1755218	500	5	15	100
1755219	535	5	15	107
1755222	550	5	15	110
1755226	600	5	15	120
1755230	635	5	15	127
1755235	700	5	15	140
1755238	750	5	15	150
1755239	800	5	15	160
1755243	850	5	15	170
1755247	900	5	15	180
1755173	1050	5	15	210
1755174	1100	5	15	220
1755179	1270	5	15	254