

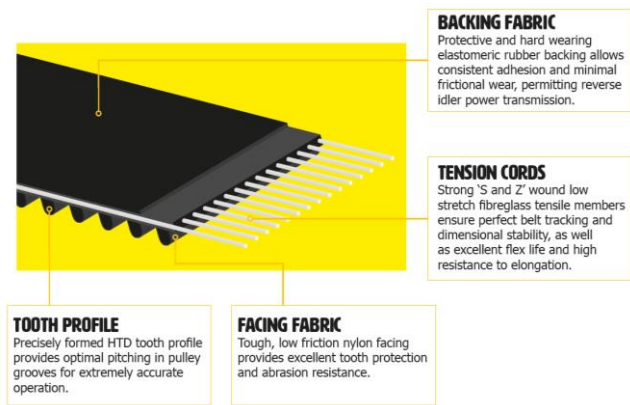


Datasheet

RS PRO HTD Timing Belts 8M Pitch, width 30 & 50mm

Stock number: 1755224, 1755229, 1755232, 1755237, 1755242, 1755246, 1755249, 1755172, 1755176, 1755178

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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
1755224	560	8	30	70
1755229	600	8	30	75
1755232	640	8	30	80
1755237	720	8	30	90
1755242	800	8	30	100
1755246	880	8	30	110
1755249	960	8	30	120
1755172	1040	8	30	130
1755176	1120	8	30	140
1755178	1200	8	50	150

