

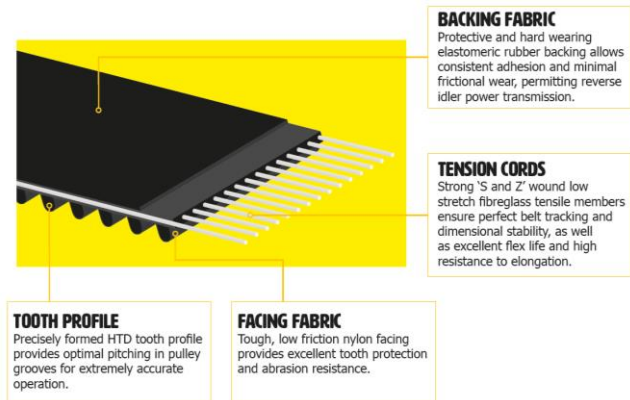


# Datasheet

## RS PRO HTD Timing Belts 14M Pitch, width 85 & 115mm

Stock number: 1755188, 1755199, 1755207, 1755212, 1755190

EN



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
1755188	2100	14	85	150
1755199	3150	14	85	225
1755207	3850	14	85	275
1755212	4326	14	85	309
1755190	2310	14	115	165

