

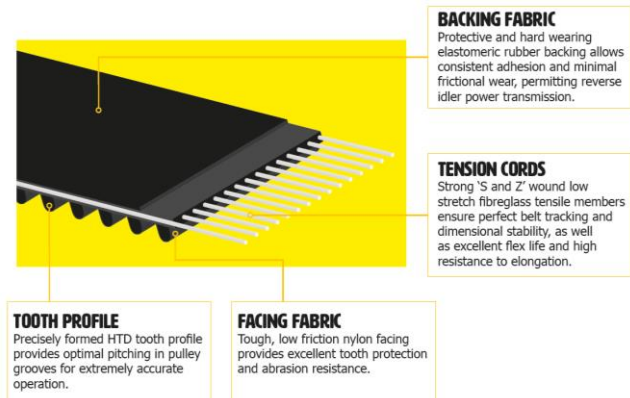


Datasheet

RS PRO HTD Timing Belts 14M Pitch, width 40 & 55mm

Stock number: 1755186, 1755187, 1755191, 1755181, 1755185, 1755192, 1755195

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
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
1755186	1778	14	40	127
1755187	1890	14	40	135
1755191	2310	14	40	165
1755181	1400	14	55	100
1755185	1610	14	55	115
1755192	2450	14	55	175
1755195	2800	14	55	200

