

28 TWIN POWER

DOUBLE SIDED RUBBER SYNCHRONOUS BELT

Due to its double and directly opposite teeth, Twin Power synchronous belts ensure high loading capacity on contra-rotating drives and ensure smooth running and high flexibility. They are available with the classical trapezoidal tooth profile and also with the unique GT tooth profile. A Twin Power GT2 belt has twice the power rating of a Twin Power HTD belt. It is characterised by extraordinary load-carrying power and high tooth jump resistance ensuring a positive non-slip drive. In addition, the belt runs at very low noise. Twin Power is available in PowerGrip GT2 8MGT and 14MGT, HTD 5M and PowerGrip XL, L and H pitches.

CONSTRUCTION

- Similar in construction to PowerGrip classical synchronous and PowerGrip GT2 belts: strong **fibre glass tensile** member precision-formed **elastomeric teeth and body**.
- Wear resistant **nylon fabric** on both tooth sides.
- Standard widths per belt pitch in mm and belt width code:
- **Twin Power PowerGrip GT2:**
 - 8MGT: 20, 30, 50, 85mm
 - 14MGT: 40, 55, 85, 115, 170mm
- **Twin Power PowerGrip HTD:**
 - 5M: 9, 15, 25mm
- **Twin Power PowerGrip:**
 - XL: 6.4mm (code 025), 7.9mm (code 031), 9.5mm (code 037)
 - L: 12.7mm (code 050), 19.1mm (code 075), 25.4mm (code 100)
 - H: 19.1mm (code 075), 25.4mm (code 100), 38.1mm (code 150), 50.8mm (code 200), 76.2mm (code 300)
 - Other widths available on request.

BENEFITS

- High loading capacity.
- Twin Power can transmit up to 100% of its maximum rated load from either side of the belt; alternatively, it can transmit a load on both sides - provided the sum of the loads does not exceed the maximum capacity.
- Non-slip positive drive.
- Running at low noise.
- Free of lubrication and maintenance.
- Temperature range: -30°C to +100°C.

