

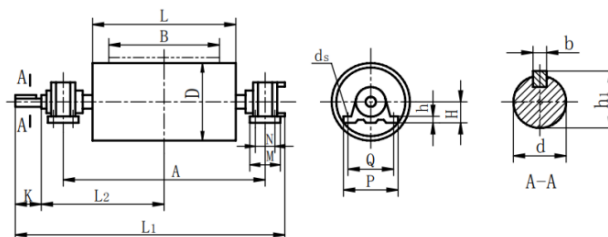
Conveyor parts · Roller

DRIVE ROLLER

The conical self-aligning idler set corrects belt misalignment on the return side of conveyors. With lengths suited to different belt widths and cone angles of 10° – 15° , its inverted-cone design generates a corrective force via speed differences between the belt and rollers. Made of corrosion-treated carbon steel, it maintains belt tracking, reduces wear, and improves system stability.



Drive Roller
B500~1400



PRODUCT PARAMETERS

Applicable Belt Width B	Pulley Diameter D	Pulley Length L	Shaft Diameter d	Bearing Model	Rubber Cover Thickness	Rubber Cover Material	Surface Treatment	Transmission Mode	Drawing No. Reference
500	Φ320/Φ400	550~600	50~60	6312/6314	10~15	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD1CD1.1
650(600)	Φ400/Φ500	700~750	60~70	6314/6316	12~18	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD2CD1.1
800	Φ500/Φ630	850~900	70~80	6316/6318	15~20	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD3CD1.1
1000	Φ630/Φ800	1050~1100	80~90	6318/6320	18~25	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD4CD1.1
1200	Φ800/ Φ1000	1250~1300	90~100	6320/6322	20~30	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD5CD1.1
1400	Φ1000/ Φ1250	1450~1500	100~110	6322/6324	25~35	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD6CD1.1
1600	Φ1250/ Φ1400	1650~1700	110~120	6324/6326	30~40	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD7CD1.1
1800	Φ1400/ Φ1600	1850~1900	120~130	6326/6328	35~45	Rubber/ Polyurethane	Sand Blasting + Rubber Covering	Gear / Coupling	TD8CD1.1