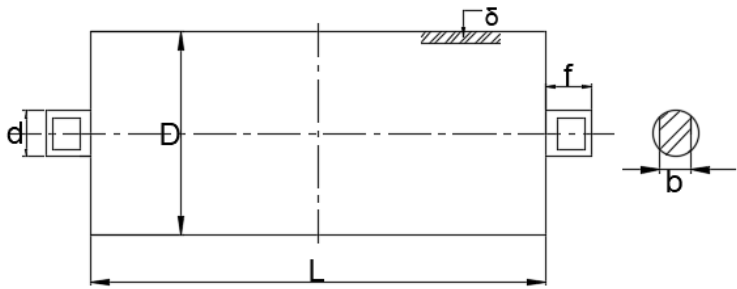


Conveyor parts · Idler

POLYMER IDLER

The polymer roller is used in belt conveyors, featuring a roller body made of polymer material that is corrosion- and wear-resistant. Being rust-free and anti-static, it is ideal for wet and highly corrosive environments in mining and chemical industries, reducing operational resistance, minimizing belt wear, and extending equipment life.



PRODUCT PARAMETERS

Model	Applicable Belt Width B	Idler Outer Diameter D	Shaft Diameter d	Bearing Model	L1 (Effective Length)	L2 (Roller Body Length)	L3 (Total Length)	Shaft Head Thickness b	Shaft Head Extension a	Drawing No. (Smooth / Grooved)	Material
Φ89×190	500	89	20	204	190	200	220	15	10	TD1G1.1 / TD1G9.1	(UHMW-PE)
Φ89×240	650(600)	89	20	204	240	250	270	15	10	TD2G1.1 / TD2G9.1	(UHMW-PE)
Φ89×305	800	89	20	204	305	315	335	15	10	TD3G1.1 / TD3G9.1	(UHMW-PE)
Φ108×375	1000	108	25	305	375	385	408	18	11.5	TD4G1.1 / TD4G9.1	(UHMW-PE)
Φ108×455	1200	108	25	305	455	465	488	18	11.5	TD5G1.1 / TD5G9.1	(UHMW-PE)
Φ108×525	1400	108	25	305	525	535	558	18	11.5	TD6G1.1 / TD6G9.1	(UHMW-PE)
Φ133×600	1600	133	30	306	600	610	635	20	12	TD7G1.1 / TD7G9.1	(UHMW-PE)
Φ159×700	1800	159	30	306	700	710	735	20	12	TD8G1.1 / TD8G9.1	(UHMW-PE)