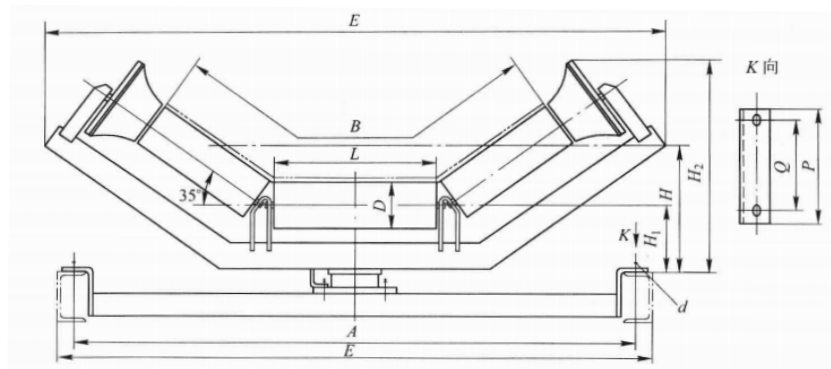


Conveyor parts

· Idler Group Series

FRICION UPPER CENTERING IDLER GROUP

The friction-adjustable trough roller set features a friction-adjustable structure with multiple rollers, allowing flexible adjustment of the conveyor belt's running direction. It has excellent wear resistance, effectively preventing belt deviation and reducing wear. It is suitable for belt conveyor systems in industries like mining, metallurgy, and chemical engineering, ensuring stable material transport, reducing downtime, and improving overall efficiency.



PRODUCT PARAMETERS

Applicable Belt Width B	Idler Outer Diameter D	Shaft Diameter d	Bearing Model	Effective Length L1	Total Length L3	Friction Wheel Diameter	Self-aligning Angle	Trough Angle	Frame Type	Drawing No. Reference
500	Φ89	20	204	190	220	Φ108	±3° ~±5°	35°	Trough-type	TD1SC1.1
650 (600)	Φ89	20	204	240	270	Φ108	±3° ~±5°	35°	Trough-type	TD2SC1.1
800	Φ89	20	204	305	335	Φ108	±3° ~±5°	35°	Trough-type	TD3SC1.1
1000	Φ108	25	305	375	408	Φ133	±3° ~±5°	35°	Trough-type	TD4SC1.1
1200	Φ108	25	305	455	488	Φ133	±3° ~±5°	35°	Trough-type	TD5SC1.1
1400	Φ108	25	305	525	558	Φ133	±3° ~±5°	35°	Trough-type	TD6SC1.1
1600	Φ133	30	306	600	635	Φ159	±3° ~±5°	35°	Trough-type	TD7SC1.1
1800	Φ159	30	306	700	735	Φ159	±3° ~±5°	35°	Trough-type	TD8SC1.1