

Multi disc - safety clutch

Clutch for adjustable torque-limit of start-up and overload applications for oil and dry-running.

◆ Operation as safety clutch

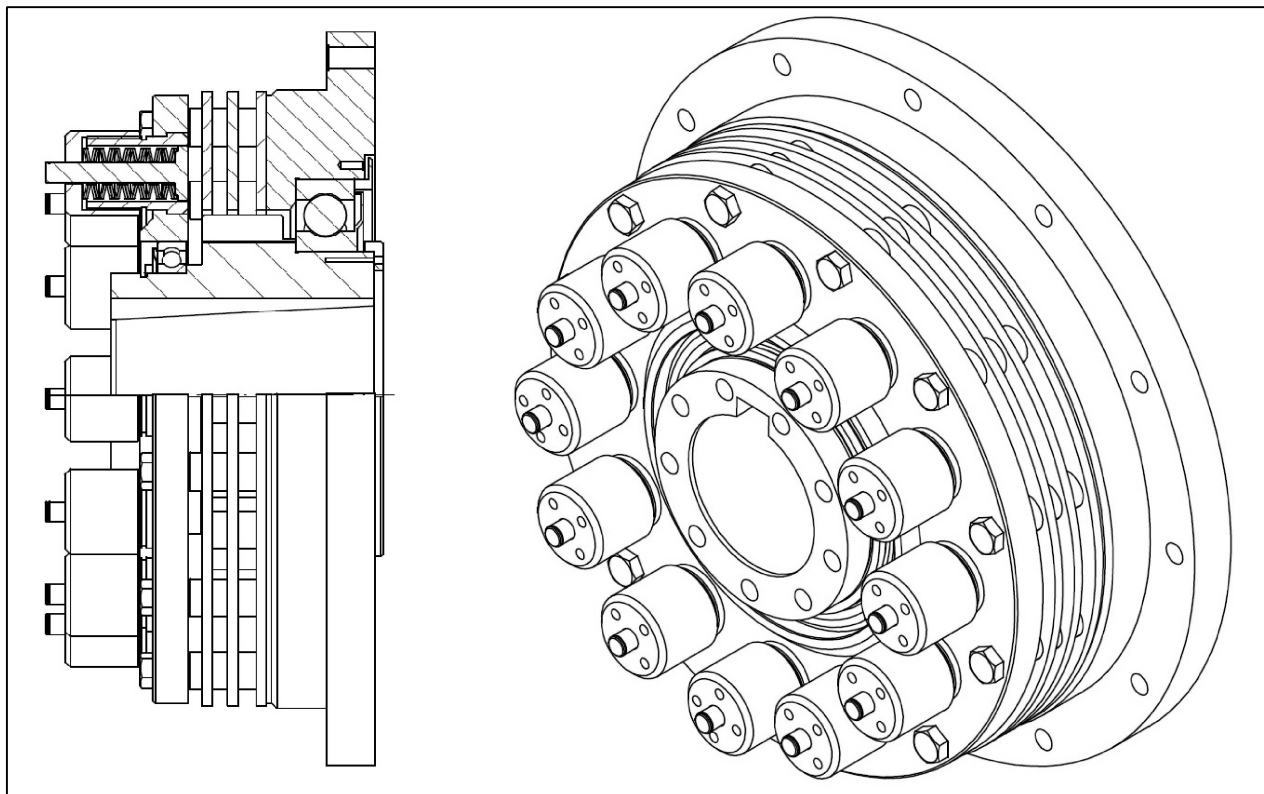
The clutch is used to protect machinery equipment or handling and lifting devices against damage through collision or other inconvenient overload situations.

◆ Operation as start-up clutch

The clutch is limiting the start-up torque of the drive engine on the output side. Due to the limited start-up torque the acceleration of the driven side is smooth and avoids overload on the engine.

This data sheet provides a summary of the performance and features of this clutch type.

The clutch can be customized exactly regarding to the present torque requirements and the installation situation!



RLO

Data and Dimensions		RLO 30	RLO 50	RLO 70	RLO 110	RLO 200	RLO 315
Lowest adjustable torque	Nm	10	20	40	60	150	220
Highest adjustable torque	Nm	50	80	100	160	250	410
Speed maximum	min ⁻¹	6100	5100	4400	3700	3100	3000
Outer diameter	mm	62	74	86	103	124	153
Overall length	mm	66	72	77	81	95,5	124

RLO-S

Data and Dimensions		RLO-S 63	RLO-S 80	RLO-S 160	RLO-S 5000	RLO-S 6500	RLO-S 8000
Lowest adjustable torque	Nm	400	630	100	20000	25000	30000
Highest adjustable torque	Nm	750	1200	1800	50000	65000	85000
Speed maximum	min ⁻¹	3800	3500	3400	80	70	50
Outer diameter	mm	172	207	212	700	700	710
Overall length	mm	172	195	207	319	335	365