Key Industries:
Aggregates
Automotive
Food
Energy
Metal Processing
Mining
Pulp & Paper

Key Applications:
- Conveyors
- Crushers
- Extruders
- Mill drives
- Mixers
- Roll drives

Autogard 820 Series Remote-Reset Torque Limiter

Introducing Remote-Reset feature to the dependable Autogard 820 Series.

The Rexnord Autogard® 820 Series Torque Limiter is designed for high-torque applications in heavy-duty industries, including energy, metal processing, mining & aggregates, automotive, food processing and pulp & paper, to help protect equipment during shock loads, overloads and jams. Providing full disengagement on overload, torque limiting "modules" are positioned at a large radius to accommodate high-disengaging torques.

The popular Autogard 820 Series Torque Limiter is now available with the option to Remote-Reset (RR), an option that is perfect for applications where the control centre and the equipment are a considerable distance apart, or where the Autogard Torque Limiter is positioned behind complex guards and covers. From its disengaged position, the Autogard 820 Series Remote-Reset Torque Limiter can be reset in seconds using pneumatic controls without the need to physically approach the unit.

The RR feature is also available as a retro-fit upgrade to existing Autogard 820 Series Torque Limiter installations.

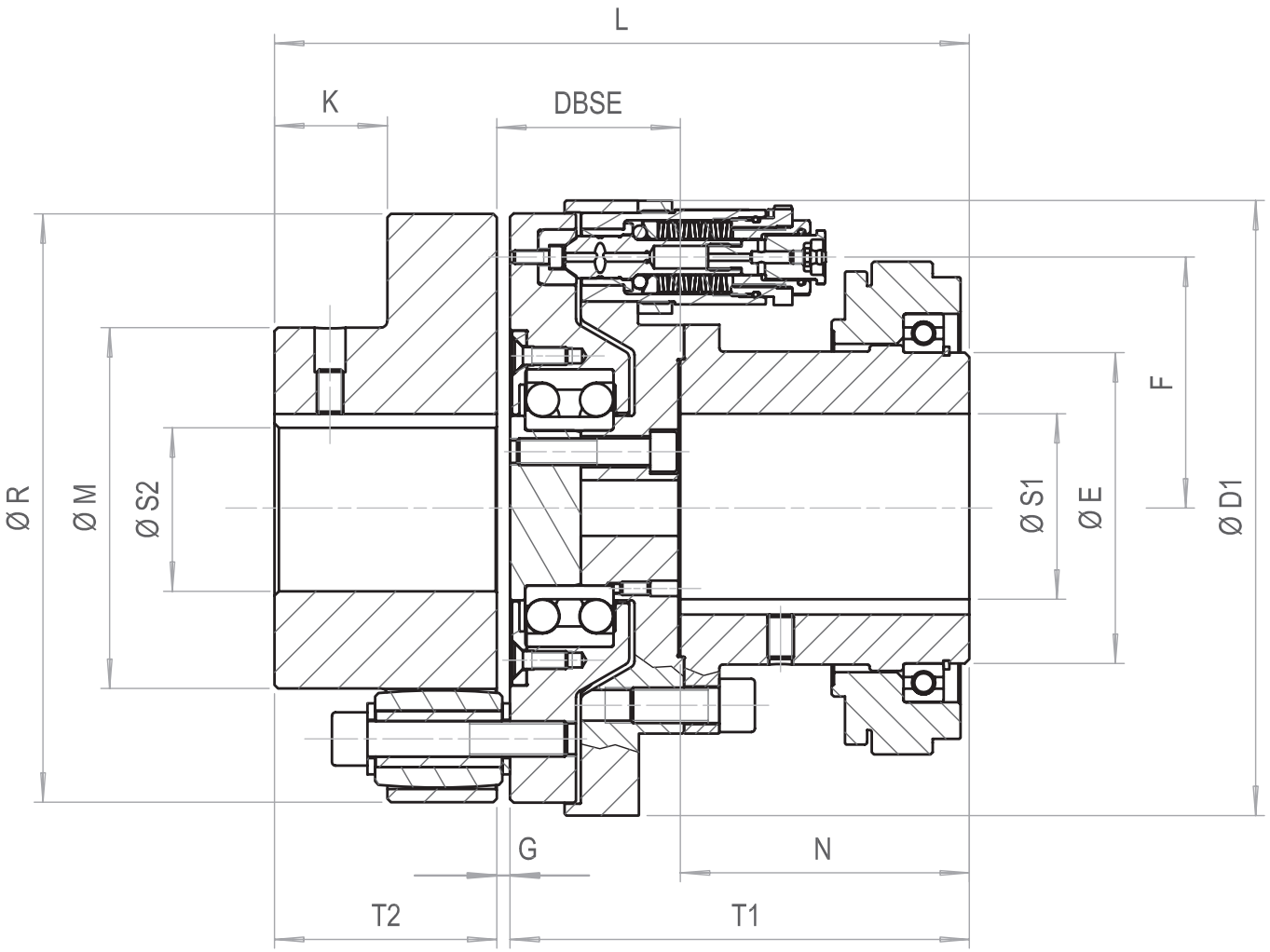
Patent pending

Rexnord continues to demonstrate our engineering strength in mechanical overload protection with a patent pending for the Autogard 820RR Torque Limiter design. This new feature is a breakthrough in mechanical devices that support high torque applications.

Features and benefits:

- Reset your Autogard Torque Limiter remotely saving time on removing covers/guards or attending a remote location
- Accurate and consistent torque setting providing reliable and repeatable torque overload protection
- Instant and complete disengagement of the driving and driven inertias

Autogard 820 Series Remote-Reset Torque Limiter dimensional drawings



Size	Torque		Max. speed	S1 (max)	S2 (max)	DBSE	D1	E	F	G	K	L	M	N	R	T1	T2	Mass	Mass moment of Inertia MR²
	Min	Max																	
	Nm	Nm	rpm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kg	kgm³
820-2H	860	6,900	2,400	90	115	83.0	277.0	140.0	113.0	6.0	50.8	313.0	162.5	130.0	265.0	207.0	100.0	86	0.554
820-3H	1,400	11,300	2,150	110	130	93.4	329.0	170.0	139.0	7.0	60.0	359.0	188.5	146.0	314.0	232.0	120.0	146	1.29
820-4H	3,050	24,400	1,800	140	170	114.8	409.0	220.0	166.0	7.0	89.9	453.0	248.0	188.0	375.0	296.0	150.0	276	3.83

To control the reset of the Autogard a pneumatic supply with a pressure range of 0.4 to 0.8 MPa (60-120 Psi) is required.

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