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 on 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, an option that is perfect for applications where the control center 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 (RR) Limiter can be reset in seconds using pneumatic controls without the need to physically approach the unit.

The Remote-Reset feature is also available as a retrofit upgrade to existing Autogard 820 Series Torque Limiter installations.

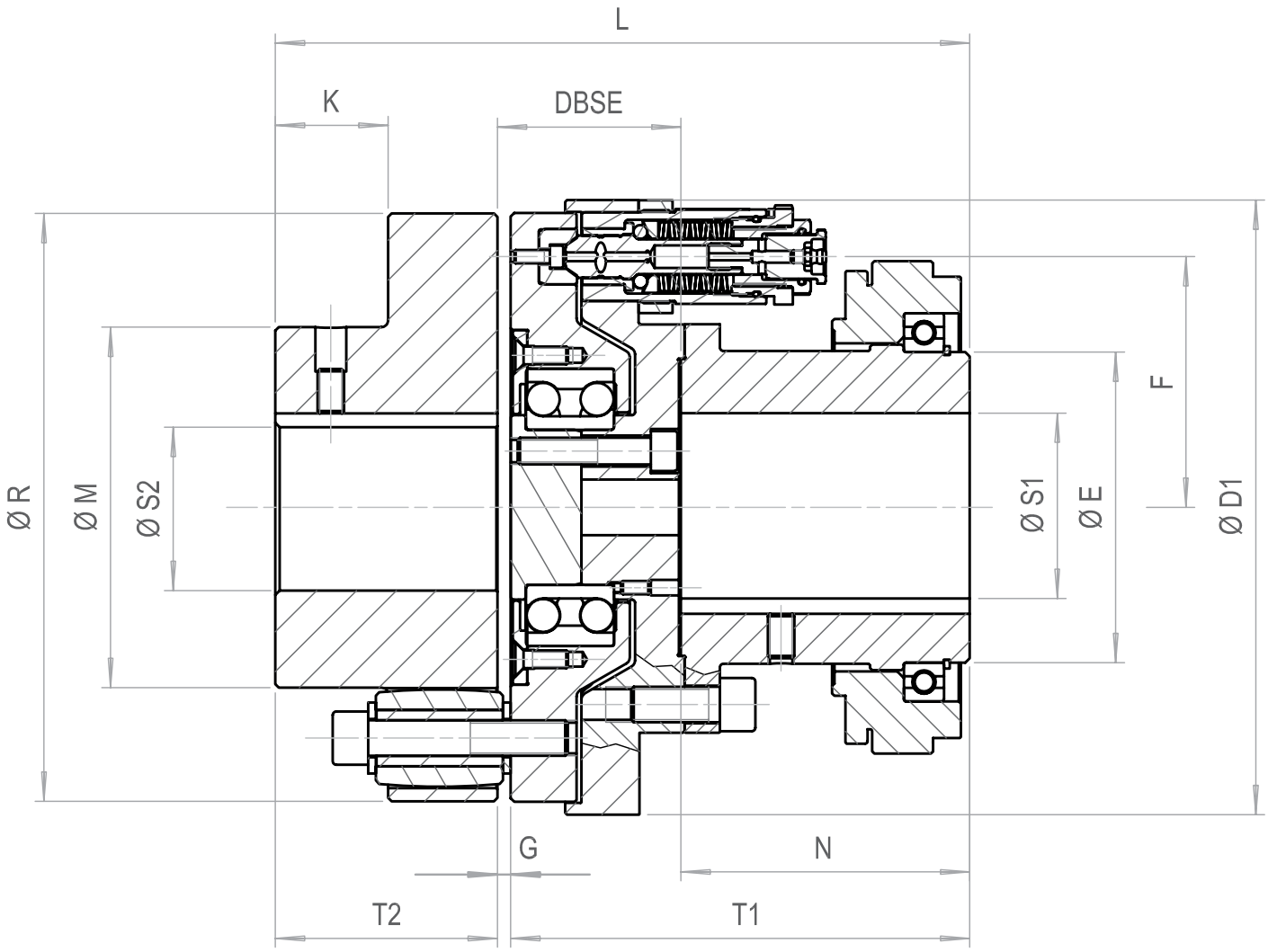
Patent pending

Rexnord continues to demonstrate our engineering strength in mechanical overload protection with a patent pending for the Autogard 820 Series RR 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 RR 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																	
	in-lb	in-lb	rpm	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	inch	lb	in²-lb
820-2H	7,612	61,070	2,400	3.50	4.50	3.27	10.91	5.51	4.45	0.24	2.00	12.32	6.40	5.12	10.43	8.15	3.94	190	1,859
820-3H	12,391	100,013	2,150	4.25	5.12	3.68	12.95	6.69	5.47	0.28	2.36	14.13	7.42	5.75	12.36	9.13	4.72	322	4,408
820-4H	26,995	215,958	1,800	5.50	6.75	4.52	16.10	8.66	6.54	0.28	3.54	17.83	9.76	7.40	14.76	11.65	5.91	608	13,088

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