



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.

Breakthrough engineering

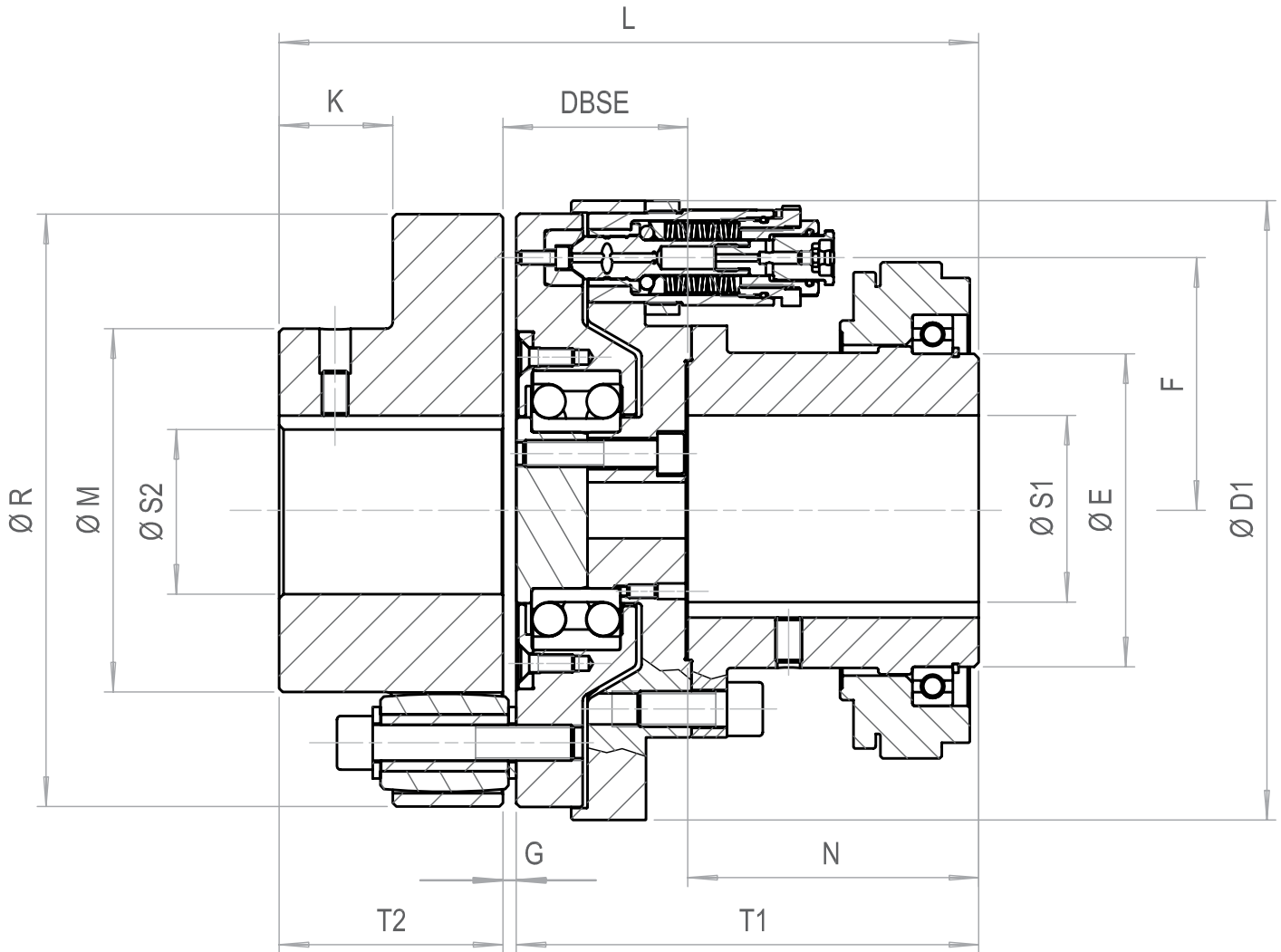
Rexnord continues to demonstrate our engineering strength in mechanical overload protection for the Autogard 820 Series RR Torque Limiter design. This new feature is a breakthrough in mechanical devices that support high-torque applications.

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 rpm	S1 (max) inch	S2 (max) inch	DBSE inch	D1 inch	E inch	F inch	G inch	K inch	L inch	M inch	N inch	R inch	T1 inch	T2 inch	Mass lb	Mass moment of Inertia MR ² in ² -lb
	Min in-lb	Max in-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.