



#### 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.

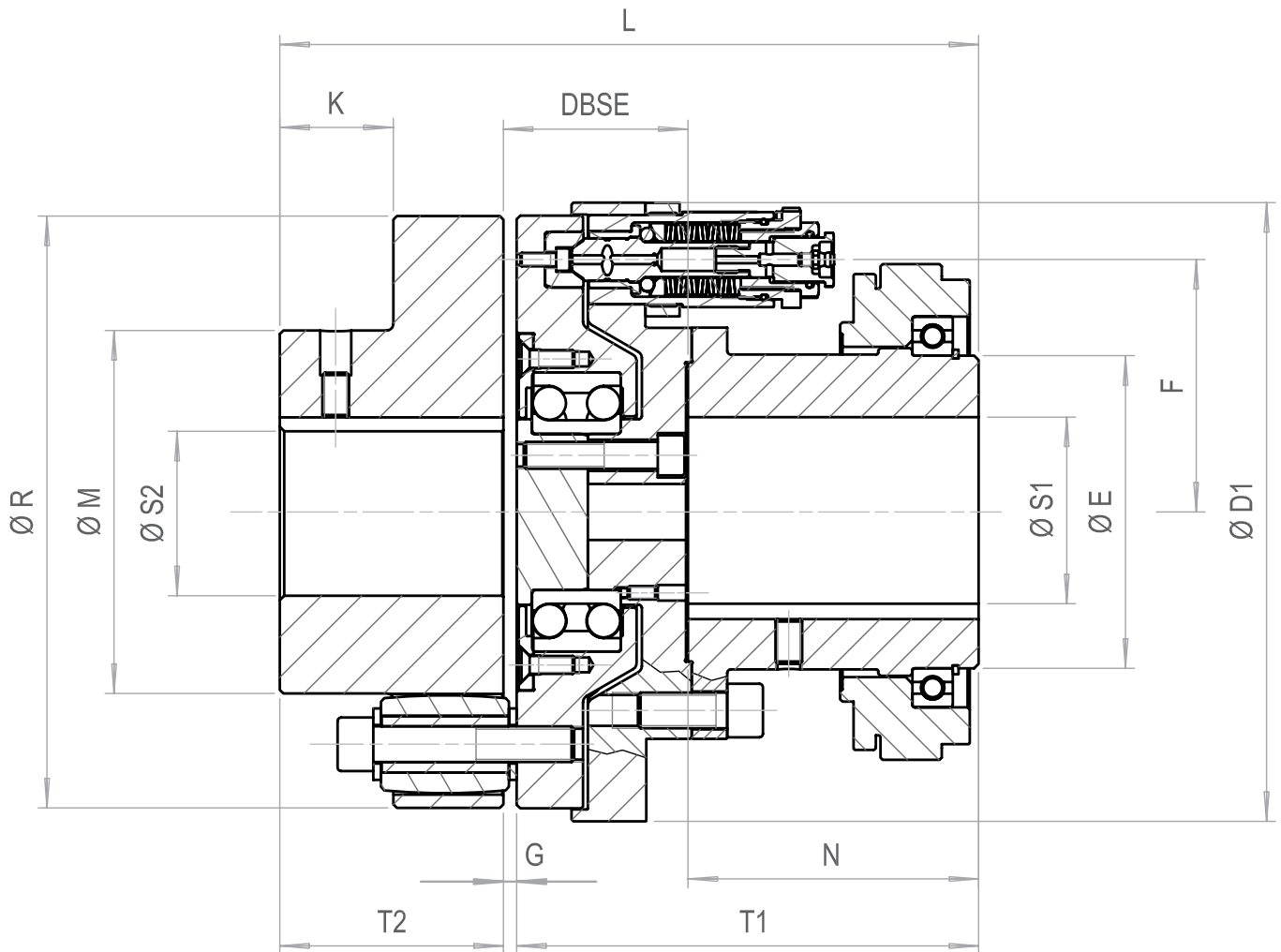
This new feature is a breakthrough in mechanical devices that support high-torque applications. The Remote-Reset feature is also available as a retrofit upgrade to existing Autogard 820 Series Torque Limiter installations.

#### 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) mm	S2 (max) mm	DBSE mm	D1 mm	E mm	F mm	G mm	K mm	L mm	M mm	N mm	R mm	T1 mm	T2 mm	Mass kg	Mass moment of Inertia MR <sup>2</sup> kgm <sup>3</sup>
	Min	Max																	
	Nm	Nm																	
820-2H	1,725	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	2,825	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	6,100	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.