

# Multi-Disc Torque Limiters

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## Series 54L



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### For Wet or Dry Operation

The Series 54L torque limiters prevent overload damage in an installation by slipping at an adjustable preset torque. These compact units are a simple construction and are easy to adjust. Optional overload Slip Sensor can be used to detect torque overload.

### Typical Applications

- Conveyors
- Pulsating Drives with High Peaks
- Mining
- Bulk Material Handling

### Features

- Simple stepless adjustment allows accurate setting of any required breakaway torque up to the maximum
- Multi-disc design results in contact high torque unit
- Large friction area gives extended plate life
- Bi-directional operation
- Suitable for horizontal or vertical installation
- With optional overload Slip Sensor, detection and signaling of slip is achieved

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## Series 54L

MODEL		54L25	54L30	54L40	54L50	54L60	54L70
<b>Performance Data</b>							
Maximum Rated	Nm	30	99	264	460	680	1220
Breakaway Torque in Oil	lbf ft	22	73	195	340	487	900
<b>Weight (kg)</b>							
Complete Unit		0.8	1.4	2.5	3.6	5.3	7.8
<b>Dimensional Data</b> (all dimensions in mm)							
Standard Bores (H7) and Keyways to I.S.O. 773 (Bores other than standard can be obtained by special order)		20 6 x 2.8	25 8 x 3.3	40 12 x 3.3	50 14 x 3.8	60 18 x 4.4	75 20 x 4.9
Minimum Bore		11	19	25	31.5	34.5	41
<b>Diameters</b> (all dimensions in mm)							
A		64	76	101	126	151	176
B		36	42	56	72	85	100
<b>Lengths</b>							
L		35	48	58	67	72	92
<b>Lengths</b>							
R		73	86	113	142	169	196
S (H7)		40	52	68	82	98	112
T		27	32	39	44	50	58
U		8.5	8	10	11	14.5	15

