

# L310 VAR 02

## Mechanical Multi Disc Torque Limiter

### Characteristics

- Torque limiter
- Multi disc
- Activated by spring pressure

### Utilisation

- Periodic or transitory overload limitation

### Particularities

- VAR 02  
For use in lubricated environments

### Adjustments

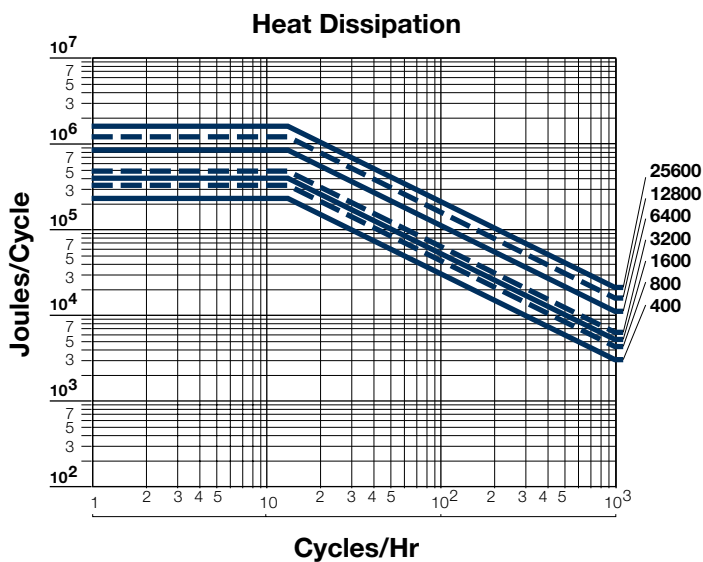
- Adjustment of slip moment by screw settings
- To anticipate an adjustment in case of wear

### Maintenance Manual

- SM 313

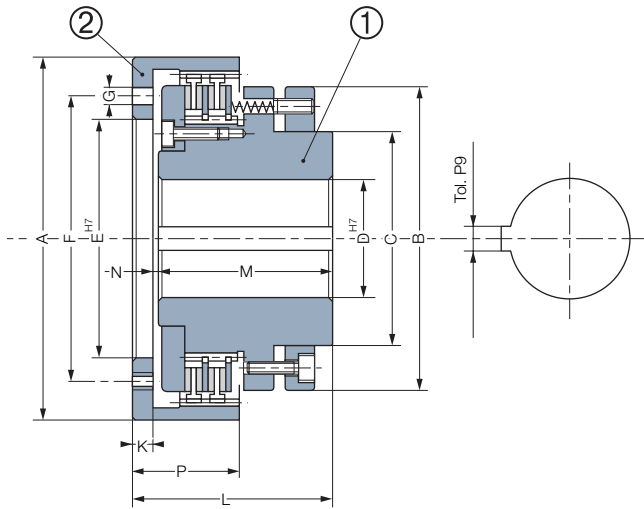
### Mounting Precautions

- Define slipping time to meet heat dissipation capabilities
- Device intended for horizontal or vertical use



## Mechanical Multi Disc Torque Limiter

**Indirect  
Drive**



Sizes		400	800	1600	3200	6400	12800	25600
<b>Nom. Torque</b>	[Nm]	400	800	1600	3200	6400	12800	25600
<b>Max. Speed</b>	[min <sup>-1</sup> ]	2000	1700	1500	1300	1200	1000	900
	A	222	255	290	335	390	455	510
	B	190	222	252	293	338	398	452
	C	135	172	202	222	265	300	350
	D* min	30	40	40	80	100	120	150
	D* max	70	85	110	140	160	180	220
	E min	86	101	120	130	180	200	240
	E max	150	175	210	260	280	320	380
	F**	170	200	235	290	320	360	420
	G**	6xM10	6xM12	6xM12	6xM16	8xM16	12xM16	16xM16
	K	11	10	14	16	18	18	20
	L	112	118	127	150	170	200	230
	M	97	102	103	130	148	178	206
	N	4	6	10	4	4	4	4
	P	58	70	82	95	108	130	140
<b>Inertia</b>	① [kgm <sup>2</sup> ]	0,066	0,130	0,250	0,508	1,05	2,34	4,48
<b>Inertia</b>	② [kgm <sup>2</sup> ]	0,021	0,063	0,106	0,482	0,95	2,20	3,28
<b>Weight</b>	[kg]	19	28,5	40	69	105	172	237

Keyways according to  
ISO R773 / BS 4235 / DIN 6885-1 / NF E 22-175, tolerance P9

\* Mandatory delivered with finished bores.

\*\* Drive cup is supplied undrilled. Fixing holes are shown for information only.