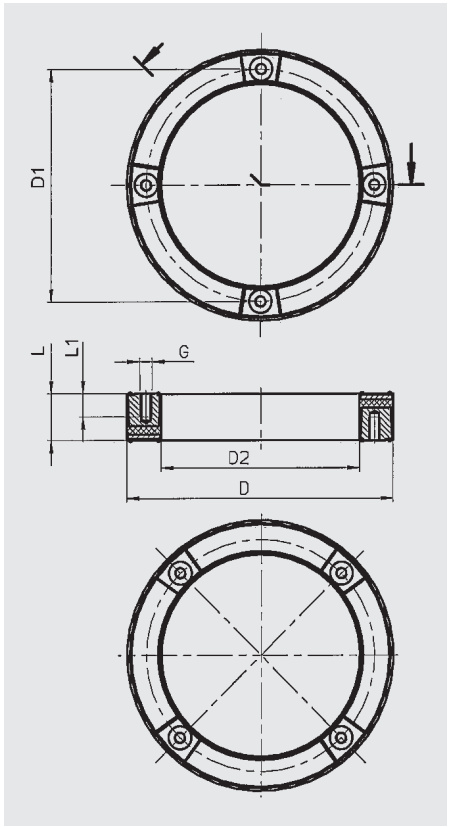
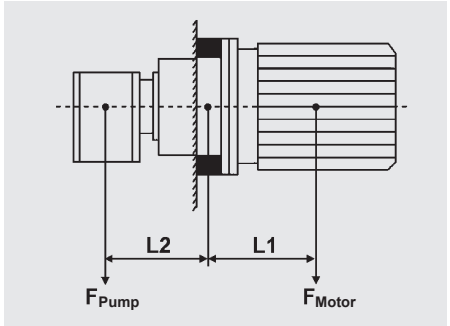
Damping Rings

APPLICATION

- For vertical and horizontal mounting
- Cost-effective noise reduction due to decoupling
- Resistant to mineral oil through the use of NBR rubber compound
- Vulcanized seal lip, no additional seal required





DIMENSIONS

Damping ring type	IEC motor size	Part no.	Dimensions [mm]					
			D	D1	D2	G	L1	L
DFR-V1/B5 200	80, 90S / 90L	3026885	200	165	146	4xM10	18	40
DFR-V1/B5 250	100L / 112 M	3026886	250	215	191	4xM12	22	45
DFR-V1/B5 300	132S / 132 M	3026887	300	265	235	4xM12	22	50
DFR-V1/B5 350	160M / 160L / 180M / 180 L	3210971	350	300	261	4xM16	28	60
DFR-V1/B5 400	200L	3210987	400	350	301	4xM16	29	50
DFR-V1/B5 450	225S / 225M	1151180	450	400	352	8xM16	32	60
DFR-V1/B5 550	250M / 280S / 280M	1151181	550	500	452	8xM16	32	60
DFR-V1/B5 660	315S / 315M	3041666	660	600	552	8xM20	33	65
DFR-V1/B5-350-VS	160M / 160L/ 180M / 180L	3870296	350	300	261	4xM16	22	60
DFR-V1/B5-400-VS	200L	3870297	400	350	301	4xM16	29	50
DFR-V1/B5-450-VS	225S / 225M	3870298	450	400	352	8xM16	32	60

Permitted radial weight load and bending stress, allowing for an operating temperature of + 60 °C:

Maximum permitted force: $F_{pump} + F_{motor} \leq F_{perm.}$

Maximum permitted bending moment: $F_{motor} \times L1 - F_{pump} \times L2 \leq Mb_{perm.}$

Damp. ring type	200	250	300	350	400	450	550	660
$F_{perm.}$[N]	385	755	1520	3780	5040	6800	13390	24720
$Mb_{perm.}$[Nm]	32	68	184	770	1135	1650	4530	9270