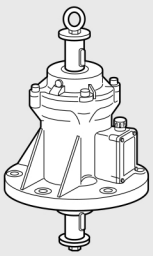
MVB/MVB-FLC

MVB-FLC 4 poles - 1500/1800 rpm

	Description					Mechanical specifications					Electrical specifications			
						Centrifugal force kg		Centrifugal force kN			Max input power W		Max. current A	
	Code	Type	SIZE		II2D Temp. class	50 Hz	60 Hz	50 Hz	60 Hz	Weight kg	50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz
three-phase	601225	**MVB 1510/15-FLC**	50	•	150°C	**1500**	**1500**	**14.7**	**14.7**	54.5	1100	1200	2.10	2.00
	601134	**MVB 2500/15-FLC**	60	•	/	**2500**	**2500**	**24.5**	**24.5**	67.0	2150	2700	3.90	4.10
	601135	**MVB 4500/15-FLC**	80	•	/	**4500**	**4500**	**44.1**	**44.1**	106	4000	4200	6.70	5.80
	601136	**MVB 7000/15-FLC**	90	•	/	**7000**	**7000**	**68.7**	**68.7**	160	7000	7000	11.8	10.2

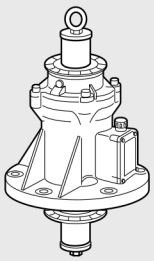
Versions

Version A



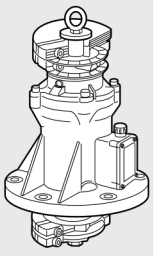
Basic model.

Version B



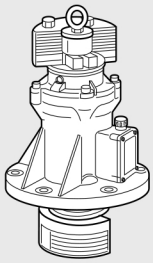
Basic model with angle disc.

Version C



Basic model with angle disc and weights type C (clamped).

Version D



Basic model with angle disc and weights type D (lamellar).

Fig. I

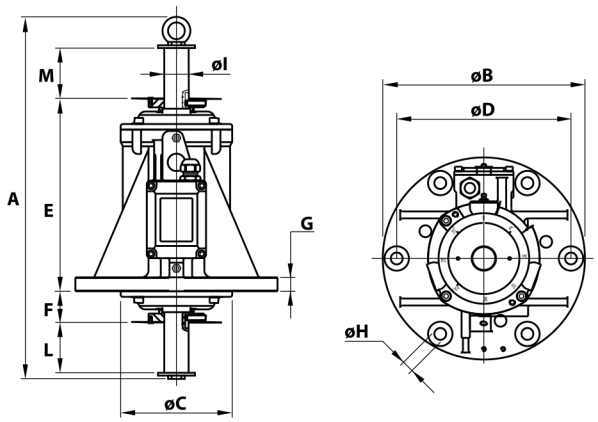
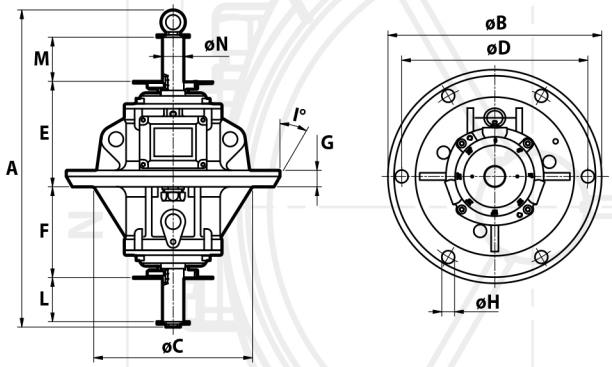


Fig. L



I_A/I_N 50 Hz	I_A/I_N 60 Hz	Type	Fig.	A	øB	øC	øD	Holes øH	Holes N°	E	F	G	I°	L	M	øN	Cable entry thread
				Dimensional specifications (mm)													
3.76	4.50	**MVB 1510/15-FLC**	**L**	476	350	260	**305**	**21**	**6**	174	150	27	30	71	71	35	M25x1,5
5.60	5.81	**MVB 2500/15-FLC**	**L**	587	350	260	**305**	**21**	**6**	189	162	27	30	71	71	40	M25x1,5
4.48	4.18	**MVB 4500/15-FLC**	**L**	664	400	310	**355**	**23.5**	**6**	220	190	30	15	75	75	52	M25x1,5
6.19	6.73	**MVB 7000/15-FLC**	**L**	737	508	348	**438**	**25**	**8**	252.5	221.5	32.5	30	79	79	52	M25x1,5

I_A/I_N = ratio between start-up current and maximum current.

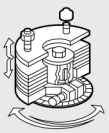
Each C type weight group (in twos) is adjustable by phase shifting one in respect to the other. Each D type weight group (lamellars) is adjustable by removing one or more lamellar elements.

Weight adjustment: the weights at the two ends of the shaft can be staggered as required, with reference to the graduated discs on the shaft itself.

Type "C"

Infinitely adjustable centrifugal force

Type "D"



Centrifugal force adjustable from max. to min. by removing the lamellar weights.