

MVB-FLC



MVB-FLC 4 poles - 1.500/1.800 rpm

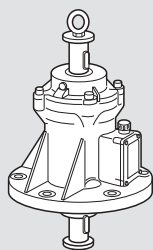
Three-phase

DESCRIPTION						MECHANICAL SPECIFICATIONS				ELECTRICAL SPECIFICATIONS						
Code	Type	SIZE	Ex II2D Temp. class	Available versions		Centrifugal force		Weight kg	Max input power		Max current		Ia/In			
						kg	kN		W	A	50Hz	60Hz	50Hz	60Hz		
601225	MVB 1510/15-FLC*	50	• 150°C	B, C, D		1500	1500	14,7	14,7	54,5	1100	1200	2,10	2,00	3,76	4,50
601629	MVB 2510/15-FLC*	60	• /	B, C, D		2700	2700	26,4	26,4	63,0	2150	2700	3,90	4,10	5,60	5,81
601135	MVB 4500/15-FLC	80	• /	A, B, C, D		4500	4500	44,1	44,1	106	4000	4200	6,70	5,80	4,48	4,18
601136	MVB 7000/15-FLC	90	• /	A, B, C, D		7000	7000	68,7	68,7	160	7000	7000	11,8	10,2	6,19	6,73

* The lifting rings are obtained in the casing, there are no eyebolts on the shaft.

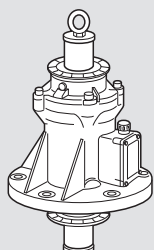
Versions

Version A



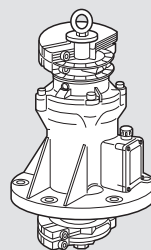
Basic model.

Version B



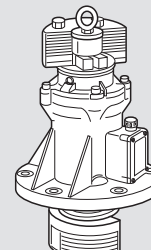
Basic model
with angle disc.

Version C



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

Version D



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

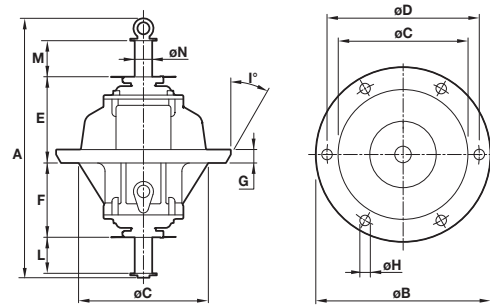


Fig. L

DIMENSIONAL SPECIFICATIONS (mm)

Holes

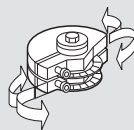
Type	Fig.	A	ØB	ØC	ØD	ØH	N°	E	F	G	I°	L	M	ØN	Cable entry thread
MVB 1510/15-FLC	L	476	350	260	305	21	6	174	150	27	30	71	71	35	M25x1,5
MVB 2510/15-FLC	L	587	350	260	305	21	6	198	168	22	30	106	106	40	M25x1,5
MVB 4500/15-FLC	L	664	400	310	355	23,5	6	220	190	30	15	75	75	52	M25x1,5
MVB 7000/15-FLC	L	737	508	348	438	25	8	253	222	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.

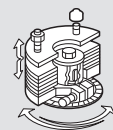
Weight adjustment: the weights at the two ends of the shaft can be staggered as required, with reference to the graduated discs on the shaft itself.

Type "C"



Infinitely adjustable centrifugal force

Type "D"



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