

OST PRODUCT OVERVIEW

Technical Guide



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VIBRATOR MOTORS

2 POLE 3000rpm 50Hz

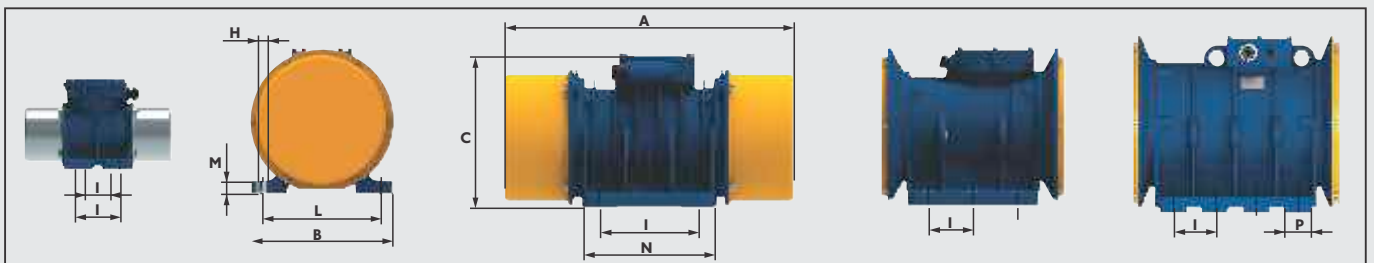
GENERAL DATA		MECHANICAL DATA			ELECTRICAL DATA		OVERALL DIMENSIONS AND FIXING DATA									
Description	Gr.	W.M.	C.F.	Weight	Power	Curr. Y.	A	B	C	Nr.	ØH	I	L	M	N	P
		(kg/cm)	(kg)	(kg)	(kW)	(A)	(mm)				(mm)					
AM 2/0.3T	0.1	0.4	20	2	0.04	0.2	145	110	65	4	6,5	25-40	92	10	74	28
SPX - 50 0.7 A	1.0	1.3	65	5	0.11	0.2	214	130	154	4	9	62-74	106	15	117	52
SPX - 50 1.2 A	2.0	2	100	5.2	0.18	0.4	214	130	154	4	9	62-74	106	15	117	52
SPX - 50 1.8 A	2.1	4.4	220	6	0.19	0.4	252	130	154	4	9	62-74	106	15	117	52
SPV 2.7 A	3.0	6.6	330	9.0	0.28	0.6	262	160	175	4	13	90	125	15	145	55
SPV 4.5 A	4.0	10	500	15.5	0.51	1.0	292	194	204	4	13	100	155	18	180	50
SPV 7.0 A	5.0	16	800	20.5	0.75	1.3	336	220	213	4	17	115	170	20	200	65
SPV 9.0 A	6.0	20	1.000	27.0	1.10	1.8	366	225	233	4	17	120	180	20	210	70
SPV 12.0 A	6.1	26	1.350	28.0	1.30	2.1	366	225	233	4	17	120	180	20	210	70
SPV 15.0 A	7.0	33	1.660	33.5	1.50	2.6	403	250	246	4	17	150	190	22	220	60
SPX-50 19.0 A	8.0	40	2.000	46.0	1.90	2.8	410	280	258	4	17	160	200	30	260	95
SPX-50 25.0 A	9.0	54	2.700	61.0	2.20	3.6	512	300	280	4	22	165	230	35	300	115
SPX-50 32.0 A	10.0	83	4.200	100.5	3.50	5.8	568	330	331	4	25	165	270	35	360	150
SPX-50 50.0 A	11.0	112	5.630	130.0	5.00	8.0	609	355	360	4	29	210	295	35	390	165
SPV 60.0 A	12.0	132	6.640	182.5	7.00	11.5	656	390	392	6	29	110	310	41	350	110
SPV 70.0 A	12.9	150	7.600	210.0	8.00	13.0	686	390	414	6	29	115	320	45	370	115
SPV 85.0 A	13.0	190	9.550	216.0	9.00	14.5	672	390	414	6	29	115	320	45	370	115

2 POLE 3000rpm 50Hz (Single Phase)

AM 2/0.3M	0.1	0.4	20	2	0.4	0.20	145	110	65	4	6,5	25-40	92	10	74	28
SPX-50 0.7 AM	1.0	1.3	65	5	0.11	0.5	214	130	154	4	9	62-74	106	15	117	52
SPX-50 1.2 AM	2.0	2	100	5.2	0.17	0.8	214	130	154	4	9	62-74	106	15	117	52
SPX-50 1.8 AM	2.1	4.4	220	6	0.18	0.8	252	130	154	4	9	62-74	106	15	117	52
SPV 2.7 AM	3.0	6.6	330	9.0	0.30	1.4	262	160	175	4	13	90	125	15	145	55
SPV 4.5 AM	4.0	10	500	15.5	0.50	2.5	292	194	204	4	13	100	155	18	180	50
SPV 7.0 AM	5.0	16	800	20.5	0.65	3.5	336	220	213	4	17	115	170	20	200	65
SPV 9.0 AM	6.0	20	1.000	27.0	0.85	4.0	366	225	233	4	17	120	180	20	210	70
SPV 12.0 AM	6.1	26	1.350	28.0	0.95	4.6	366	225	233	4	17	120	180	20	210	70

4 POLE 1500rpm 50Hz

SPX-50 0.3 B	1.0	2.4	30	5.1	0.08	0.2	214	130	154	4	9	62-74	106	15	117	52
SPX-50 0.5 B	2.0	4.4	55	6	0.09	0.3	252	130	154	4	9	62-74	106	15	117	52
SPX-50 0.8 B	2.1	6	70	6.5	0.10	0.3	252	130	154	4	9	62-74	106	15	117	52
SPV 2.2 B	3.0	21	265	12.5	0.20	0.5	332	160	175	4	13	90	125	15	145	55
SPV 3.8 B	4.0	36	450	20.5	0.40	0.7	370	194	204	4	13	100	155	18	180	50
SPV 5.1 B	4.1	48	600	23.5	0.45	0.9	406	194	204	4	13	100	155	18	180	50
SPV 6.7 B	5.0	60	750	27.0	0.55	1.0	390	220	213	4	17	115	170	20	200	65
SPV 10.0 B	6.0	91	1.140	36.0	0.95	1.8	428	225	233	4	17	120	180	20	210	70
SPV 15.0 B	7.0	136	1.700	46.0	1.10	2.0	461	250	246	4	17	150	190	22	220	60
SPX-50 20.0 B	8.0	165	2.100	56.0	1.30	2.3	486	280	258	4	17	160	200	30	260	95
SPX-50 25.5 B	9.0	220	2.770	70.0	1.75	3.0	512	300	280	4	22	165	230	35	300	115
SPX-50 30.0 B	9.1	250	3.150	80.0	2.00	3.8	584	300	280	4	22	165	230	35	300	115
SPX-50 35.0 B	10.0	316	4.000	118.0	2.40	5.0	568	330	331	4	25	165	270	35	360	150
SPX-50 47.5 B	11.0	420	5.300	152.5	3.50	6.0	609	355	360	4	29	210	295	35	390	165
SPV 55.0 B	12.0	460	5.800	201.5	4.50	7.5	656	390	392	6	29	110	310	41	350	110
SPV 63.0 B	12.9	560	7.050	233.0	6.00	11.0	686	390	414	6	29	115	320	45	370	115
SPV 77.0 B	13.0	676	8.500	248.0	7.10	12.0	672	390	414	6	29	115	320	45	370	115
SPV-50 83.0 B	14.0	760	9.500	306.0	7.80	12.5	731	456	468	6	32	130	380	40	400	390
SPV-50 105.0 B	14.1	970	12.200	337.0	10.50	17.5	737	456	468	6	32	130	380	40	400	390



6 POLE 1000rpm 50Hz

GENERAL DATA		MECHANICAL DATA			ELECTRICAL DATA		OVERALL DIMENSIONS AND FIXING DATA									
Description	Gr.	W.M.	C.F.	Weight	Power	Curr. Y.	A	B	C	Nr.	ØH	I	L	M	N	P
		(kg/cm)	(kg)	(kg)	(kW)	(A)	(mm)				(mm)					
SPV 1.1 C	3.0	21	120	12.5	0.24	0.7	332	160	175	4	13	90	125	15	145	55
SPV 1.7 C	4.0	36	200	20.5	0.30	0.7	370	194	204	4	13	100	155	18	180	50
SPV 2.2 C	4.1	48	270	23.0	0.35	0.9	406	194	204	4	13	100	155	18	180	50
SPV 3.8 C	5.0	80	450	30.0	0.45	1.3	428	220	213	4	17	115	170	20	200	65
SPV 5.0 C	6.0	104	580	37.0	0.80	1.7	452	225	233	4	17	120	180	20	210	70
SPV 8.0 C	7.0	172	960	50.0	0.90	1.9	495	250	246	4	17	150	190	22	220	60
SPX-50 12.0 C	8.0	222	1.250	62.5	1.00	2.1	548	280	258	4	17	160	200	30	260	95
SPX-50 17.0 C	9.0	330	1.850	82.0	1.40	2.7	584	300	280	4	22	165	230	35	300	115
SPX-50 22.0 C	9.1	420	2.350	100.0	1.60	3.0	624	300	280	4	22	165	230	35	300	115
SPX-50 27.0 C	10.0	512	2.860	140.0	2.40	5.2	662	330	331	4	25	165	270	35	360	150
SPX-50 35.5 C	11.0	712	4.000	173.5	2.70	6.0	693	355	360	4	29	210	295	35	390	165
SPX-50 41.5 C	11.1	860	4.800	187.0	3.30	7.0	693	355	360	4	29	210	295	35	390	165
SPV 50.0 C	12.0	1020	5.700	241.5	4.20	7.5	740	390	392	6	29	110	310	41	350	110
SPV 61.0 C	13.0	1.210	6.800	280.0	5.30	9.5	770	390	414	6	29	115	320	45	370	115
SPV 69.0 C	13.1	1.400	7.800	295.0	5.90	11.0	851	390	414	6	29	115	320	45	370	115
SPV 80.0 C	13.2	1580	8.800	308.0	7.00	12.0	838	390	414	6	29	115	320	45	370	115
SPV 89.0 C	13.3	1.720	9.610	330.0	7.60	13.0	917	390	414	6	29	115	320	45	370	115
SPV-50 90.5 C	14.0	1.820	10.200	372.0	8.00	15.0	901	456	468	6	32	130	380	40	400	390
SPV-50 114.0 C	14.1	2.270	12.700	412.0	9.80	16.0	907	456	468	6	32	130	380	40	400	390
SPV-50 122.0 C	14.2	2.430	13.600	428.0	10.20	17.0	907	456	468	6	32	130	380	40	400	390
SPV 140.0 C	15.0	2.800	15.650	543.0	11.50	12.0	964	520	504	6	38	155	400	40	470	150
SPV 160.0 C	15.1	3.140	17.550	610.0	13.80	13.8	1.018	520	504	6	38	155	400	40	470	150

8 POLE 750rpm 50Hz

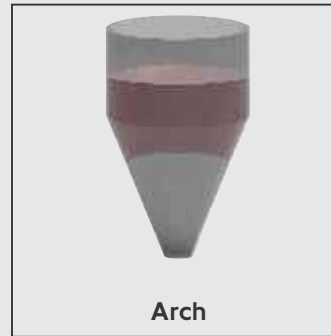
SPV 1.3 D	4.1	48	150	23.0	0.28	0.7	406	194	204	4	13	100	155	18	180	50
SPV 2.1 D	5.0	80	250	30.0	0.45	1.2	428	220	213	4	17	115	170	20	200	65
SPV 2.8 D	6.0	104	330	37.0	0.55	1.5	452	225	233	4	17	120	180	20	210	70
SPV 4.5 D	7.0	172	540	50.0	0.70	1.7	495	250	246	4	17	150	190	22	220	60
SPX-50 7.0 D	7.0	222	700	62.5	0.90	2.0	548	280	258	4	17	160	200	30	260	95
SPX-50 10.0 D	9.0	330	1.050	82.0	1.10	2.5	584	300	280	4	22	165	230	35	300	115
SPX-50 13.0 D	9.1	420	1.320	100.0	1.30	2.8	624	300	280	4	22	165	230	35	300	115
SPX-50 15.5 D	10.0	512	1.610	140.0	2.00	5.0	662	326	331	4	25	165	270	35	360	150
SPX-50 20.0 D	11.0	712	2.250	186.5	2.50	6.0	693	355	360	4	29	210	295	35	390	165
SPX-50 23.5 D	11.1	860	2.700	200.0	3.00	6.8	693	355	360	4	29	210	295	35	390	165
SPV 28.0 D	12.0	1.210	3.800	254.0	3.70	8.5	740	390	392	6	29	110	310	41	350	110
SPV 42.5 D	13.0	1.510	4.750	300.0	5.20	10.0	851	390	414	6	29	115	320	45	370	115
SPV 56.0 D	13.2	1.960	6.160	331.0	6.50	12.0	917	390	414	6	29	115	320	45	370	115
SPV 66.5 D	14.0	2.394	7.550	415.0	7.00	13.0	1.001	456	468	6	32	130	380	40	400	390
SPV 78.5 D	14.1	2.734	8.600	446.0	8.00	14.0	1.007	456	468	6	32	130	380	40	400	390
SPV 100.0 D	15.0	3.600	11.300	584.0	10.00	10.5	1.084	520	504	6	38	155	400	40	470	150
SPV 124.0 D	15.1	4.340	13.650	672.0	11.00	11.5	1.138	520	504	6	38	155	400	40	470	150

FEATURES

- Steel end covers to provide strength against shocks.
- Grease retaining ring with labyrinth seal.
- External eyelets for lifting the unit in all the possible mounting positions and increased safety.
- Tough and highly resistant motor housing.
- Unbalanced weights with clamping system to adjust from 100% to 20%.
- A robust cast iron bearing flange for strength.
- Special execution roller bearings for good wearability and reliability characteristics.
- High strength steel for shaft; robustness and mechanical precision.
- Special silicone rubber to keep stator wires against vibration.
- Stopper sponges to keep power cable steady against vibrations.
- Improved sealing arrangement (standard IP66).

BIN VIBRATORS

Innovative solutions from OST Africa



With access to more than 20 years of field experience, OST Africa can offer an extensive range of vibrator motors and pneumatic turbine vibrators to solve these problems effectively and efficiently.



Bin Wall Mounting Procedure

Before beginning installation, refer to the chart to determine the minimum bin wall thickness and channel size that you will need for the VISAM Electric Vibrator motor you will be mounting. Choose the illustration on the next page that most closely resembles the structure on which you will mount your VISAM Electric Vibrator motor or Turbine Vibrator. Follow the instructions below to determine the placement of your extended channel and mounting plate.

The GT range of turbine vibrators are particularly suitable for use in the Food and Pharmaceutical industries where exhaust contaminated with oil is unacceptable. No lubrication is required, but clean filtered air is essential.

These vibrators are extremely quiet and produce low noise levels on most applications, thus helping to conform to noise regulations.

Figure 1: (pg 4) Attach the extended channel to the centre of any of the four in walls, so that it is vertical. Attach the mounting plate in the lower 1/3 of the channel so that the length of the vibrator will be parallel to the ground once mounted.

Figure 2: (pg 4) Attach the extended channel to the bin wall so that it is vertical. Attach the mounting plate in the lower 1/3 of the channel so that the length of the vibrator will be parallel to the ground once mounted.

In applications where two vibrators will be installed, mount the vibrators 180 degrees apart. The first vibrator should be mounted 1/4 of the way up to the cone section, the second vibrator 1/3 of the way up.

Where multiple units are installed, space them equally around the circumference of the cone section, spiraling them up the cone section.

On the rectangular discharge bins, the vibrator can be more effective if mounted on the opposing side of the bin, at opposite ends (caddy-corner from each other).

If the sloped walls of a hopper vary in degree of slope, apply the vibrator on the wall with the slope that most opposes the gravity flow of material (the side with the least slope).

Attaching Channel to Bin Wall

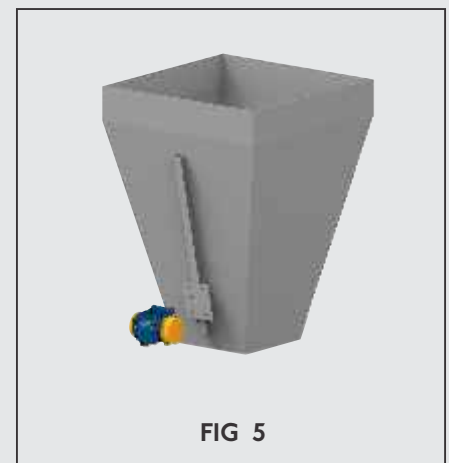
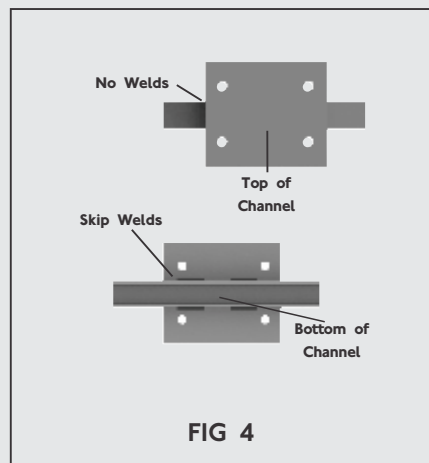
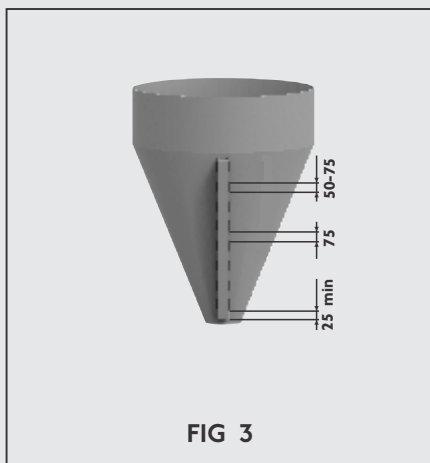
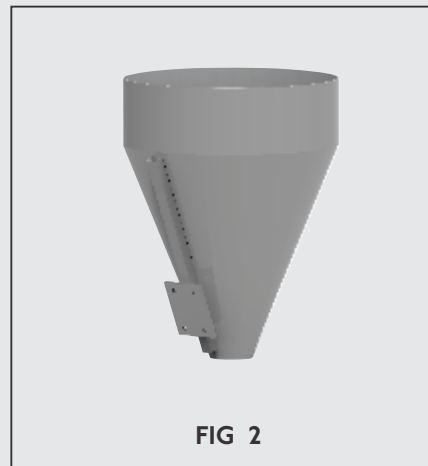
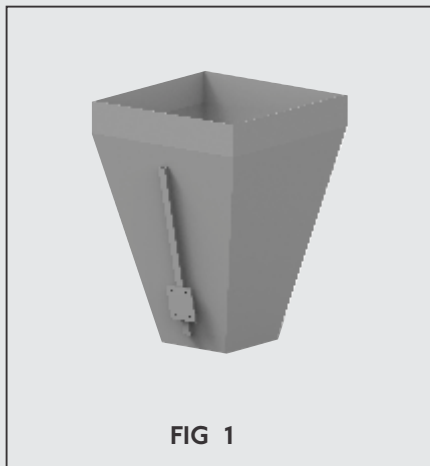
To attach the channel to the bin wall, skip weld the legs of the channel to the bin wall using 50-75 mm welds, and 75 mm skips. Stop the weld at least 25 mm from the end of the channel. If your bin or hopper is constructed from mild steel, use normal mild steel rods. If the bin or hopper is constructed from stainless steel, you can still attach mild steel channels to the stainless steel wall using a welding rod of the same stainless steel type. (Fig 3)

Attaching Mounting Plate to Channel

Skip weld the mounting plate to the channel by welding parallel to the length to the channel. Do not weld along the length of the mounting plate. (Fig 4)

The mounting plate should be at a 90 degree angle to the channel, so that the length of the vibrator will run parallel to the ground once mounted. (Fig 5)

VIBRATOR MODEL	MINIMUM WALL THICKNESS	CHANNEL LENGTH	CHANNEL/ RECTANGULAR TUBING
SPX-50 0.7A	1.6 mm	0.5 - 0.7 m	50 X 38
SPX-50 1.2A	3 mm	0.5 - 0.7 m	50 X 38
SPV 2.7A	5 mm	0.6 - 1.0 m	50 X 38
SPV 4.5A	6 mm	0.8 - 1.2 m	50 X 38
SPV 7.0A	8 mm	1.0 - 1.3 m	76 X 38
SPV 9.0A	10 mm	1.0 - 1.5 m	76 X 38
SPV 12.0A	10 mm	1.0 - 1.5 m	76 X 38
SPV 15.0A	12 mm	1.2 - 1.8 m	100 X 50



MOTOR BASE QUESTIONNAIRE

DRIVE MOTOR	FRAME SIZE	D160 L	EXAMPLE
	POWER	15 Kw	
	SPEED	1500 rpm	
	SER. No		
	VOLT	380 V	

DESCRIPTION	
DRIVEN EQUIPMENT	PUMP
	CRUSHER
	FAN
	GEARBOX
	OTHER

WARMAN 8/6 F

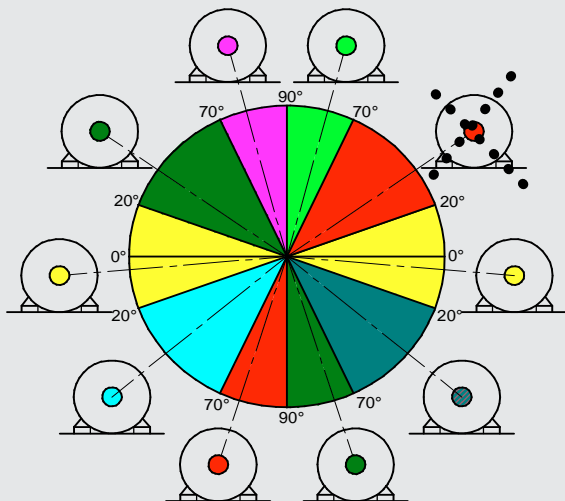
DRIVE INFO	DRIVE PULLEY	PCD	100	OUTSIDE	Ø	Ø 106
	DRIVEN PULLEY	PCD	150	OUTSIDE	Ø	Ø 156
	BELT DESIGNATION		SPA 13N			
	BELT LENGTH		1500mm			
	CENTER DISTANCE		553mm			

NEW INSTALLATION		MARK WITH X
RETRO FIT		
	PRESENT BASE	CONCRETE
		SLIDE RAILS
		STRUCTURE

DESCRIBE PROBLEM AREAS WITH DRIVE

APPROX. DRIVE ANGLE SEEN FROM PULLEY SIDE °

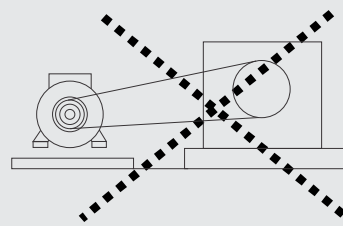
MARK APPLICABLE DRIVE



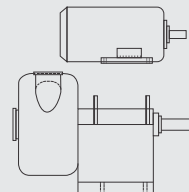
DRIVEN EQUIPMENT IN CENTRE

TYPE OF DRIVE

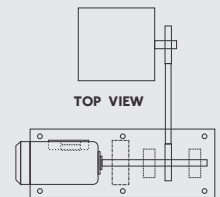
ALONGSIDE



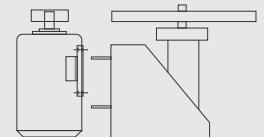
OVERHEAD



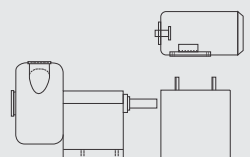
JACK-SHAFT



VERTICAL



Z-ARRANGEMENT



MAKE UP SKETCH OF GUARD LIMITATIONS
 LOOK AT POSSIBILITY TO SLOT EXISTING GUARD FOR STM BASE MOVEMENT
 NOTE 5.5-45 kW 4p STM BASE IS ± 195 HEIGHT
 55-160 kW 4p STM BASE IS ± 310 HEIGHT
 200-300 kW 4p STM BASE IS ± 350 HEIGHT

SELF TENSIONING MOTOR BASE

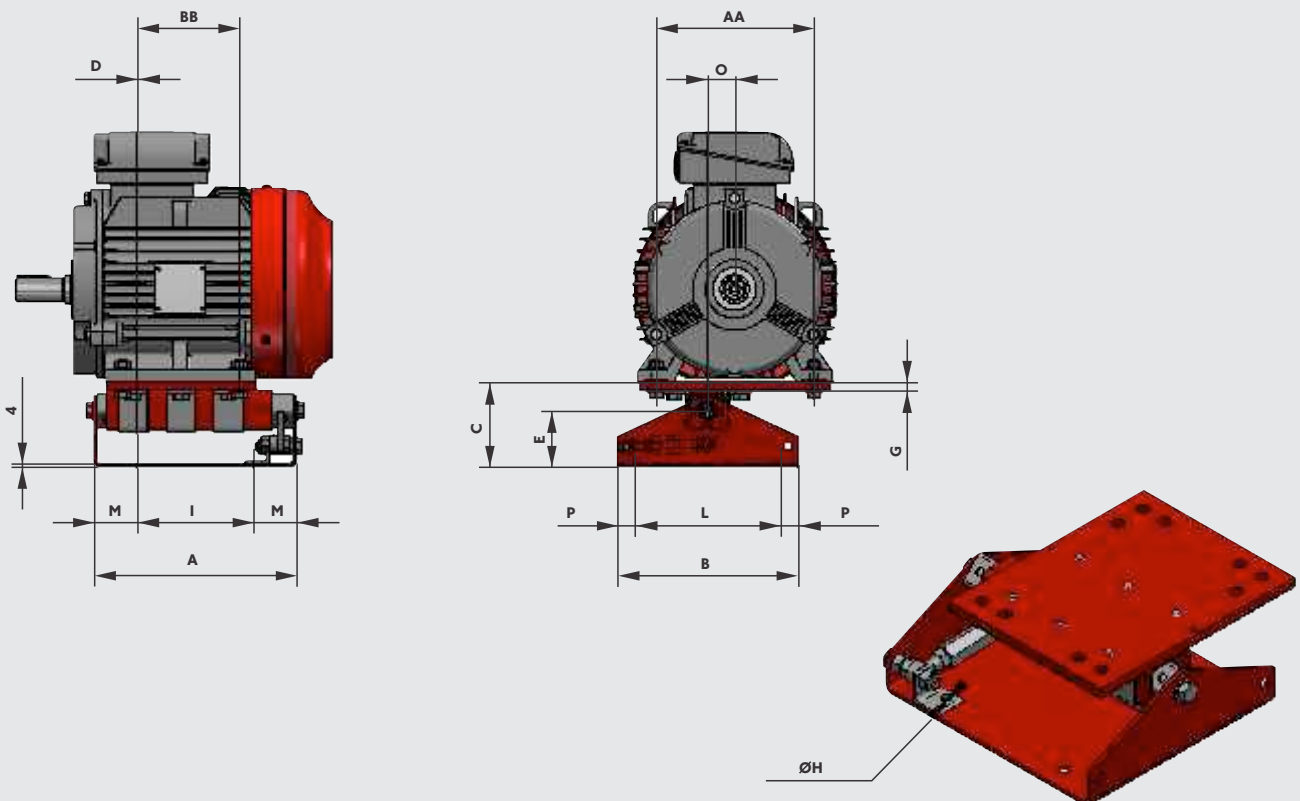
MB20

Art. No	Description	Frame Size	Motor Information				Foot Mounting		Dimensions - mm					Rubber Suspension unit	Mass kg
			2 P	4 P	6 P	8 P	AA	BB	A	D	G	I	O		
			3000	1500	1000	750									
			r/min	r/min	r/min	r/min									
MBM 211A	MB20-71	71	0.37	0.25	0.18	0.09	112	90	197	0 ± 10	8	125	4.5	20X80 L189	4.5
			0.75	0.55	0.25	0.12									
MBM 221A	MB20-80	80	0.75	0.55	0.25	0.18	125	100	197	0 ± 10	8	125	12.5	20X100 L189	4.6
			1.5	1.1	0.55	0.55									
MBM 231A	MB20-90S	90S	1.1	0.75	0.8	0.4	140	100	197	0 ± 10	8	125	20	20X120 L189	4.8
			1.5	1.1											
MBM 241A	MB20-90L	90L	1.5	1.5	1.1	0.37	140	125	197	0 ± 10	8	125	20	20X167 L189	4.9
			3.0	2.2		0.55									

MB30

Art. No	Description	Frame Size	Motor Information				Foot Mounting		Dimensions - mm					Rubber Suspension unit	Mass kg
			2 P	4 P	6 P	8 P	AA	BB	A	D	G	I	O		
			3000	1500	1000	750									
			r/min	r/min	r/min	r/min									
MBL 211A	MB30-100L	100L	3.0	1.2	1.5	0.75	160	140	244	0 ± 15	10	140	18	30X140 L236	8.0
			4.0	3.0		1.1									
MBL 221A	MB30-112M	112M	4.0	4.0	2.2	1.5	190	140	244	0 ± 15	10	140	33	30X200 236	8.1
			7.5	5.5		3.0									

MB20 & MB30

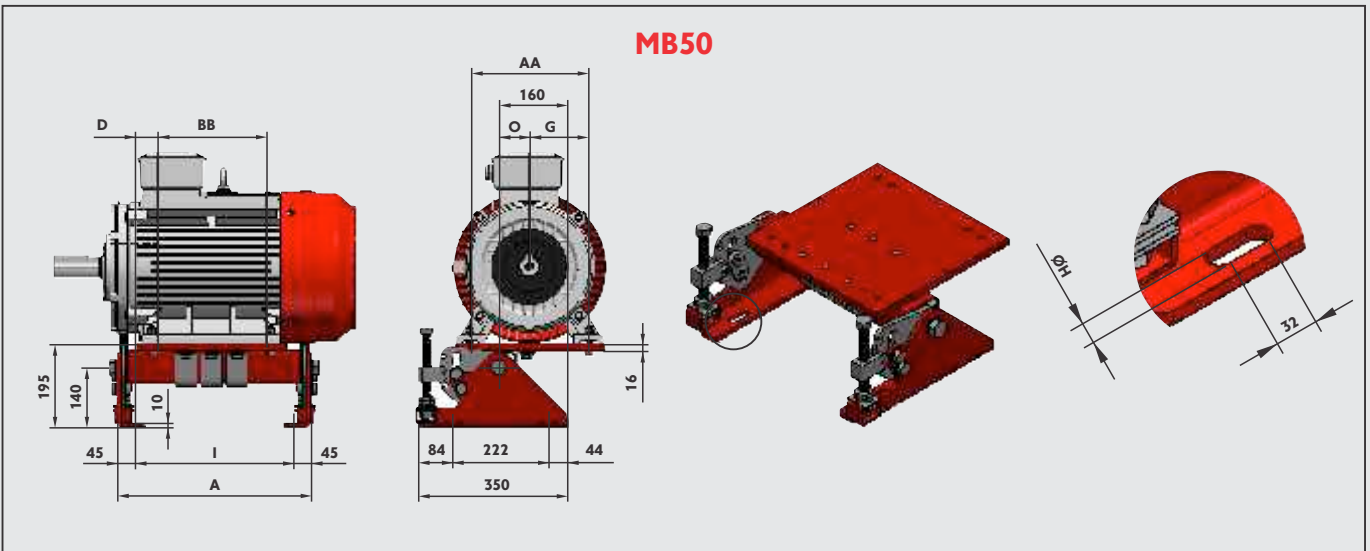


SELF TENSIONING MOTOR BASE

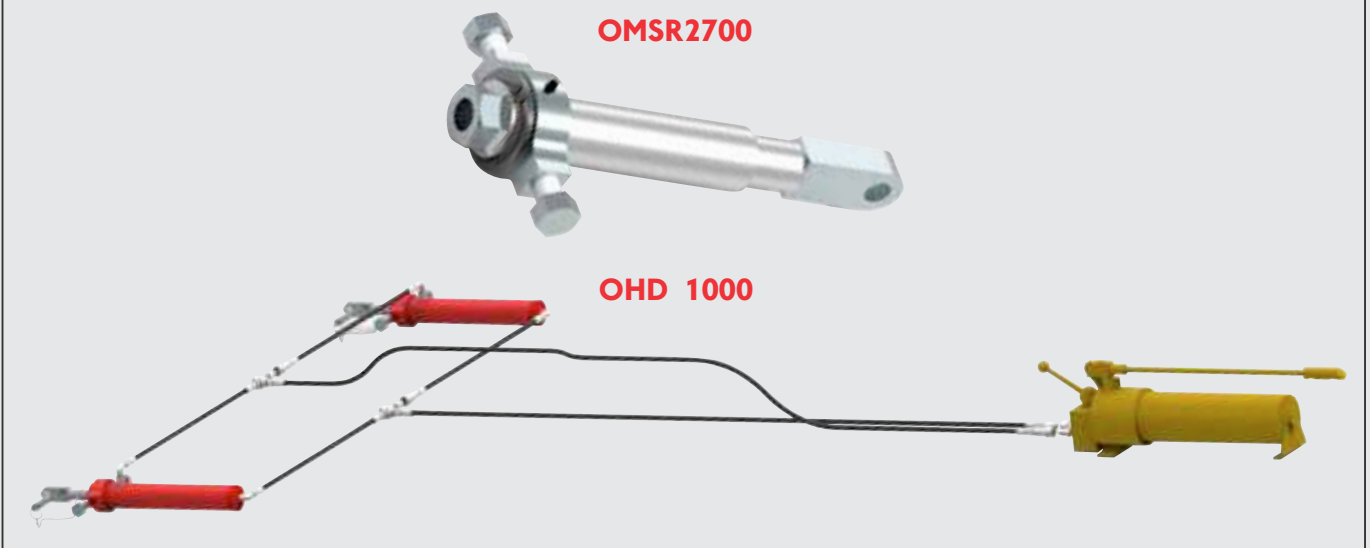
MB50

Art. No	Description	Frame Size	Motor Information						Dimensions - mm					Rubber Suspension unit	Mass kg
			2 P	4 P	6 P	8 P	Foot Mounting		A	D	G	I	O		
			3000 r/min	1500 r/min	1000 r/min	750 r/min	AA	BB							
MBA A11	MB50-132S/M	132S/M	5.5 11.0	5.5 11.0	3.0 5.5	2.2 3.0	216	140 178	325	5 - 50	108	235	43	50x160 L305	28.3
MBA A21	MB50-160M/L	160M/L	11.0 18.5	9.2 18.5	7.5 11.0	4.0 7.5	254	210 254	405	7 - 50	127	315	45	50x200 L385	33.9
MBA A31	MB50-180M/L	180M/L	22	18.5 22.0	15.0	9.2 11.0	279	241 279	455	11 - 60	140	365	72	50x270 L435	38.9
MBA A51	MB50-200M/L	200L	30.0 37.0	30.0 37.0	18.5 22.0	15	318	305	505	11 - 85	159	415	72	50x400 L485	44.4
MBA A61	MB50-225S/M	225S/M	45	37.0 45.0	30.0 37.0	18.5 22.0	356	286 311	605	7 - 170	178	515	72	50x500 L585	48.4

Note: General Tolerance ± 2 mm
Mass only Approx. Shipping Mass



MB70 & MB100 TENSIONING DEVICES



NOTE: Require Hydraulic Tensioning Device (HTD)

MBB A11-MBB A21
MBB A31-MBC A71

HTD Art No OHD 2000
HTD Art No OHD 1000

(Complete Half Set)
(Complete Full Set)

Or

Mechanical Tensioning Device

MBB A11-MBB A21
MBB A31-MBC A71

OMS Art No OMSR 2700 (1 of required)
OMS Art No OMSR 2700 (2 of required)

SELF TENSIONING MOTOR BASE

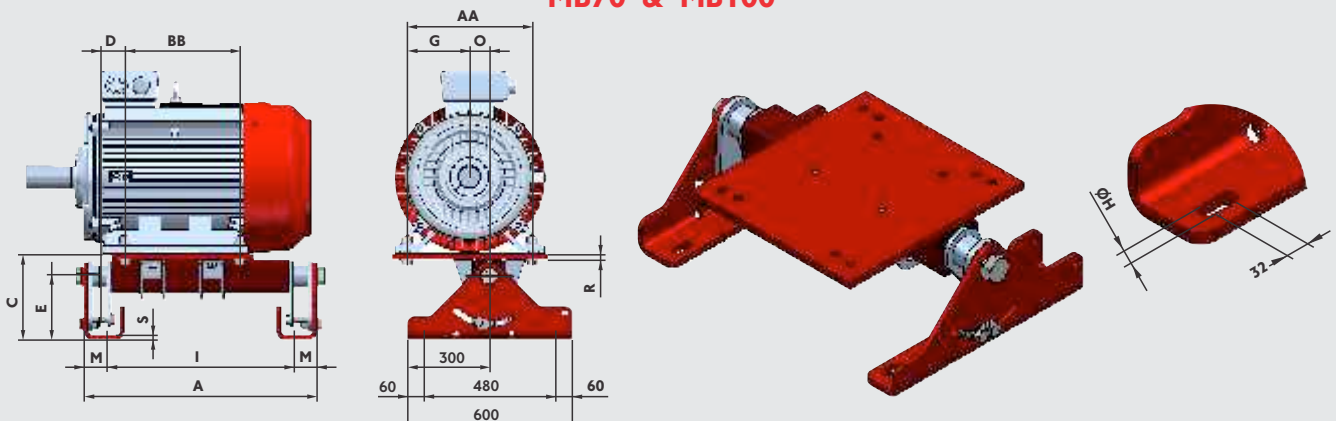
MB70

Art. No	Motor Information								Dimensions - mm					Rubber Suspension unit	Mass kg
	Description	Frame Size	2 P	4 P	6 P	8 P	Foot Mounting								
			3000 r/min	1500 r/min	1000 r/min	750 r/min									
			kW				AA	BB	A	D	G	I	O		
MBB A11	MB70-250S	250S	55	37 55	37	30	406	311	648	0 - 133	203	482	72	70X400 L600	115
MBB A21	MB70-250M	250M	55 75	37 75	37 45	30 37	406	349	748	0 - 233	203	582	72	70X500 L700	123
MBB A31	MB70-280S	280S	75 90	75 90	45 55	37 45	457	368	848	0 - 263	229	682	72	70X600 L800	130
MBB A41	MB70-280M	280M	90 132	90 132	55 75	45 55	457	419	948	0 - 363	229	782	72	70X700 L900	135
MBB A61	MB70-315S	315S	110 132	90 110	75	55	508	406	1148	0 - 525	254	982	72	70X900 L1100	166
MBB A71	MB70-315M	315M	132 150	132 150	90 110	75 90	508	457	1248	0 - 625	254	1082	72	70X1000 L1200	180
C	E	H	R	S	M	Note: General Tolerance ± 2 mm									
310	230	22	20	16	83	Mass only Approx. Shipping Mass									

MB100

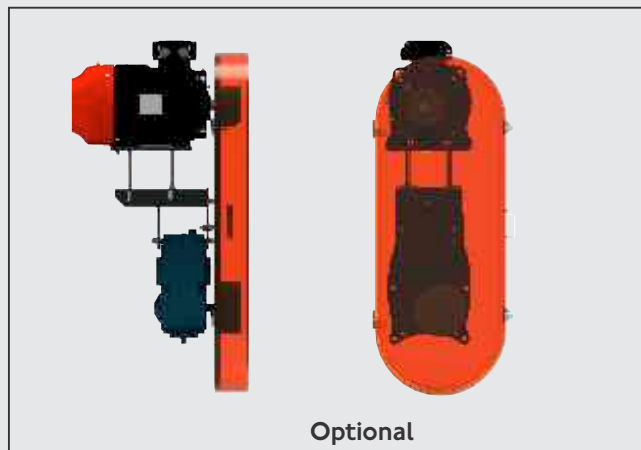
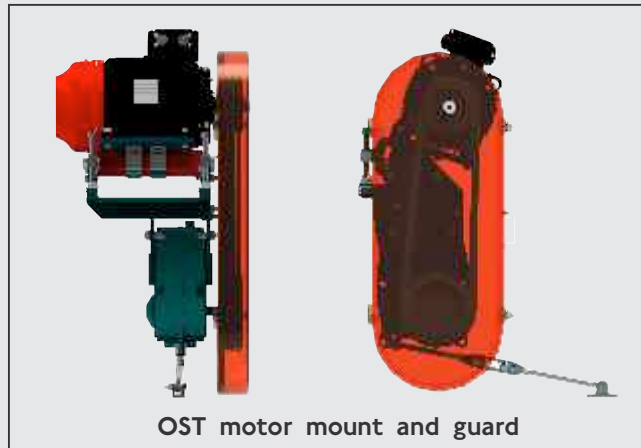
Art. No	Motor Information								Dimensions - mm					Rubber Suspension unit	Mass kg
	Description	Frame Size	2 P	4 P	6 P	8 P	Foot Mounting								
			3000 r/min	1500 r/min	1000 r/min	750 r/min									
			kW				AA	BB	A	D	G	I	O		
MBC A11	MB100-315S	315S	110 132	90 110	75	55	508	406	670	0 - 45	254	490	72	100X400 L600	194
MBC A21	MB100-315M	315M	132 150	132 150	90 110	75 90	508	457	770	0 - 145	254	590	72	100X500 L700	204
MBC A31	MB100-315L	315L	160 200	160 200	110 132	90 132	508	457/508	870	0 - 195	254	690	72	100X600 L800	221
MBC A41	MB100-315LX	315LX	250 315	220 315	200 250	160 200	508	508	970	0 - 295	254	790	72	100X700 L900	240
MBC A51	MB100-355S	355S	185 250	185 250	132 185	110 150	610	500	1070	0 - 275	305	890	72	100X800 L1000	275
MBC A61	MB100-355M	355M	220	260 300	200 250	160 185	610	560/630	1170	0 - 375	305	990	72	100X900 L1100	283
MBC A71	MB100-355L	355L	250	300 330	260 315	200 220	610	630	1270	0 - 475	305	1090	72	100X1000 L1200	285
C	E	H	R	S	M	Note: General Tolerance ± 2 mm									
350	240	25	25	20	90	Mass only Approx. Shipping Mass									

MB70 & MB100



MOTOR MOUNT AND GUARD

SMSR Gearbox	Motor Information	
	Motor Frame	1500 r/min kW
B	80	0.55 - 1.5
	90	1.1 - 1.5
	100	2.2 - 4
C	80	0.55 - 1.5
	90	1.1 - 1.5
	100	2.2 - 4
D	80	0.55 - 1.5
	90	1.1 - 1.5
	100	2.2 - 4
	112	4
E	80	0.55 - 1.5
	90	1.1 - 1.5
	100	2.2 - 4
	112	4
F	80	0.55 - 1.5
	90	1.1 - 1.5
	100	2.2 - 4
	112	4
G	80	0.55 - 1.5
	90	1.1 - 1.5
	100	2.2 - 4
	112	4
H	90	1.1 - 1.5
	100	2.2 - 4
	112	4
	132	5.5 - 7.5
J	90	1.1 - 1.5
	100	2.2 - 4
	112	4
	132	5.5 - 7.5
S	160	11 - 15
	180	18.5 - 22
	200	30
	225	37 - 45
T	132	5.5 - 7.5
	160	11 - 15
	180	18.5 - 22
	200	30
K	160	11 - 15
	180	18.5 - 22
	200	30
	225	37 - 45
L	160	11 - 15
	180	18.5 - 22
	200	30
	225	37 - 45
M	200	30
	225	37 - 45

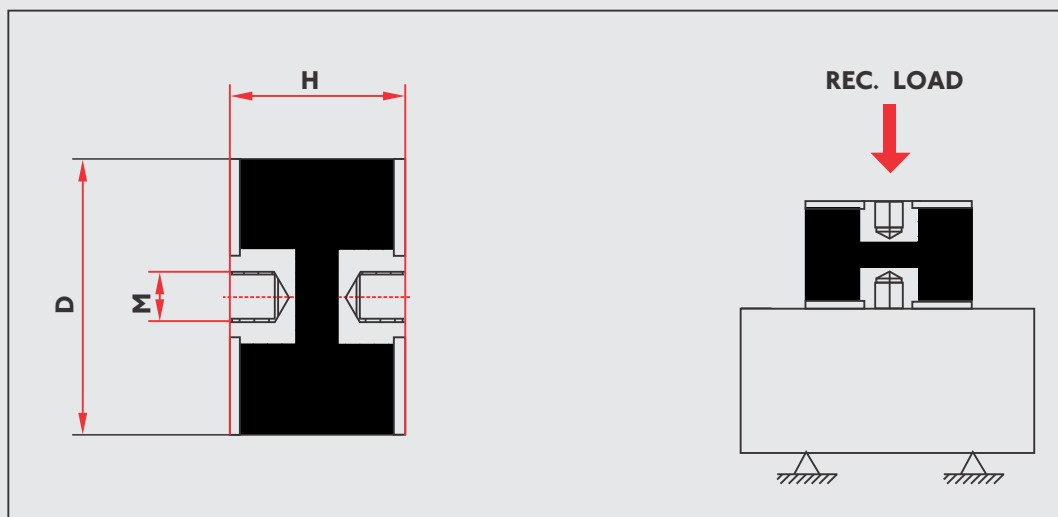


Fenner Reducer Size	Motor Frame Sizes											
	80	90	100	112	132	160	180	200	225	250	280	315
B	340	345	387-475									
C	350	360	390									
D	405	410	440	450								
E	440	450	506-631	518-643	538-663							
F	460	470	534-659	546-571	566-691							
G		510	592-746	604-758	624-778	652-806						
H		575	626-780	638-792	658-812	686-840	706-860					
J			723-898	735-910	755-930	783-958	803-978	823-998				
S			871-1046	883-1058	903-1078	931-1106	951-1126	971-1146	996-1171	1021-1196		
T					1012-1197	1040-1225	1060-1245	1080-1265	1105-1290	1130-1315		
K						1091-1266	1111-1286	1130-1305	1155-1330	1180-1355		
L						1226-1401	1246-1421	1266-1441	1291-1466	1315-1460	1345-1520	
M								1389-1530	1414-1560	1414-1560	1439-1610	1504-1670

Minimum Centre Distance Between Pulleys in mm

CMFA & CMFB

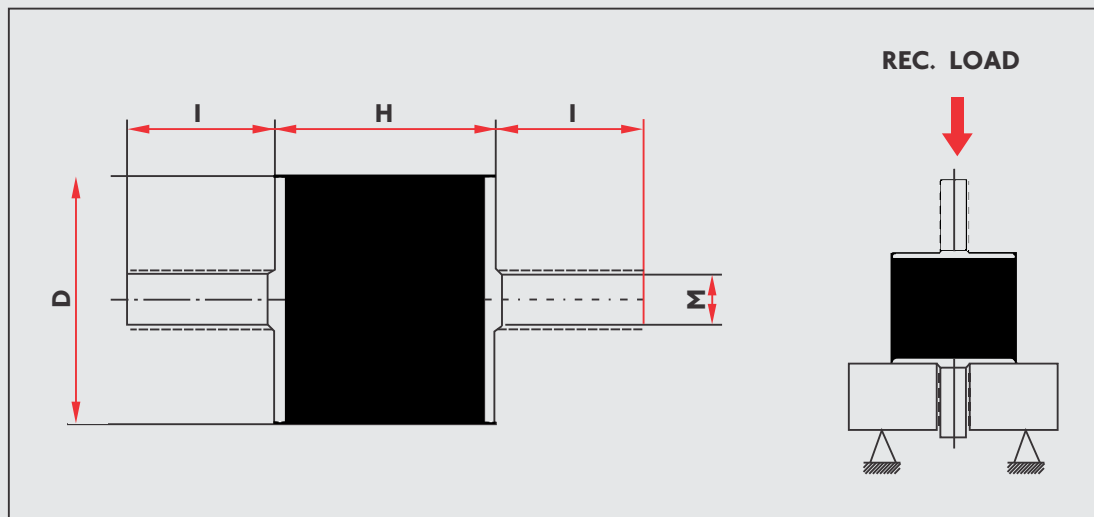
D	H	M	Part No. 45 IRHD	Stiffness 45 IRHD (kg/mm)	Rec. Load 45 IRHD (kg)	Part No. 60 IRHD	Stiffness 60 IRHD (kg/mm)	Rec. Load 60 IRHD (kg)	Max Static Deflection (mm)
14	13	M4	CMFA014X013M04	3.8	4.3	CMFB014X013M04	7.3	8.2	2.8
16	15	M5	CMFA016X015M05	4.7	5.6	CMFB016X015M05	8.6	10.3	3.0
20	15	M6	CMFA020X015M06	7.9	9.5	CMFB020X015M06	14.8	17.8	3.0
20	20	M6	CMFA020X020M06	4.6	7.4	CMFB020X020M06	8.6	13.8	4.0
20	25	M6	CMFA020X025M06	3.2	6.4	CMFB020X025M06	5.7	11.4	5.0
25	15	M6	CMFA025X015M06	15.7	18.8	CMFB025X015M06	30.0	36.0	3.0
25	20	M6	CMFA025X020M06	10.5	16.8	CMFB025X025M06	19.4	23.8	5.0
25	25	M6	CMFA025X025M06	6.2	12.4	CMFB025X030M08	11.9	21.4	6.0
25	30	M8	CMFA025X030M08	4.8	11.5	CMFB030X020M08	8.9	38.4	4.0
30	20	M8	CMFA030X020M08	12.6	20.2	CMFB030X040M08	24.0	25.9	8.0
30	40	M8	CMFA030X040M08	4.1	13.1	CMFB040X030M10	8.1	60.0	6.0
40	30	M10	CMFA040X030M10	13.5	32.4	CMFB040X040M08	25.0	50.6	8.0
40	40	M8	CMFA040X040M08	8.6	27.5	CMFB050X030M10	15.8	104.8	5.0
50	30	M10	CMFA050X030M10	28.4	56.8	CMFB050X035M10	52.4	107.2	7.0
50	35	M10	CMFA050X035M10	20.7	58.0	CMFB050X045M10	38.3	77.4	9.0
50	45	M10	CMFA050X045M10	11.5	41.4	CMFB060X055M12	21.5	110.0	11.0
65	45	M12	CMFA060X055M12	26.3	94.7	CMFB065X045M12	48.5	174.6	9.0
65	50	M12	CMFA065X045M12	20.0	80.0	CMFB065X050M12	36.7	146.8	10.0
70	35	M12	CMFA065X050M12	54.1	151.5	CMFB070X035M12	107.6	301.3	7.0
70	45	M12	CMFA070X035M12	33.3	119.9	CMFB070X045M12	61.5	221.4	9.0
70	70	M12	CMFA070X045M12	17.7	99.1	CMFB080X080M14	32.8	207.4	16.0
80	40	M14	CMFA080X040M14	62.9	201.3	CMFB100X040M16	117.6	700.2	8.0
80	80	M14	CMFA080X080M14	17.6	112.6	CMFB100X050M16	32.4	524.0	10.0
100	40	M16	CMFA100X040M16	121.9	390.1	CMFB100X055M16	218.8	486.6	11.0
100	50	M16	CMFA100X050M16	72.6	290.4	CMFB100X060M16	131.0	452.2	12.0
100	55	M16	CMFA100X055M16	59.6	262.2	CMFB100X100M16	110.6	265.6	20.0
100	60	M16	CMFA100X060M16	51.9	249.1	CMFB100X060M16	94.2	452.2	12.0
100	100	M16	CMFA100X100M16	19.0	152.0	CMFB100X100M16	33.2	265.6	20.0
150	75	M16	CMFA150X075M16	60.4	362.4	CMFB150X075M16	108.2	649.2	15.0



CIRCULAR MOUNTS

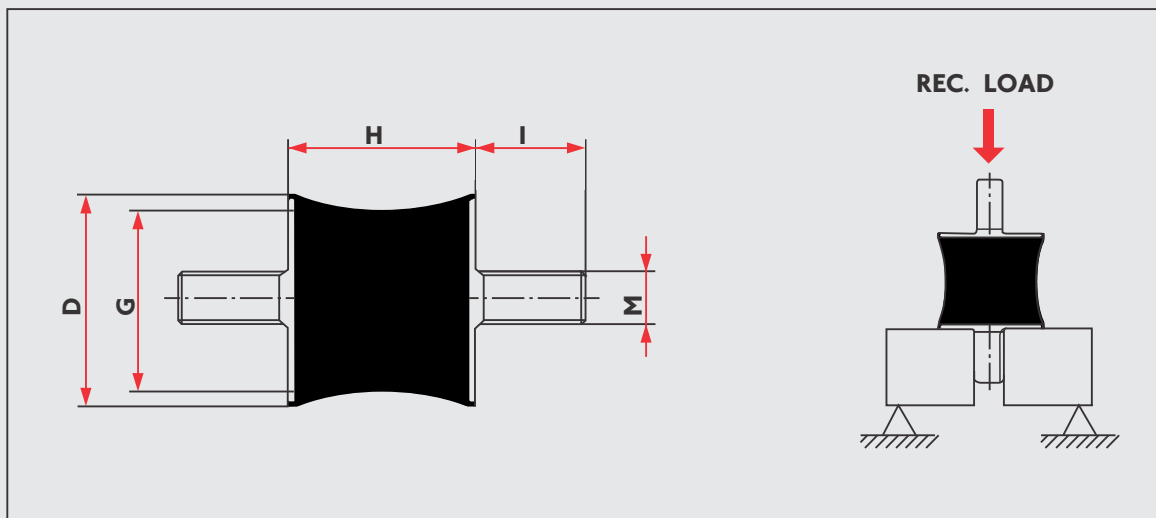
CMMA & CMMB

D	H	MxI	Part No. 45 IRHD	Stiffness 45 IRHD (kg/mm)	Rec. Load 45 IRHD (kg)	Part No. 60 IRHD	Stiffness 60 IRHD (kg/mm)	Rec. Load 60 IRHD (kg)	Max Static Deflection (mm)
10	8	M4X10	CMMA010X008M04	3.8	2.4	CMMB010X008M04	72.0	46.1	1.6
14	13	M4X10	CMMA014X013M04	3.6	4.0	CMMB014X013M04	7.1	8.0	2.8
16	15	M4X10	CMMA016X015M04	4.5	5.4	CMMB016X015M04	8.2	9.8	3.0
20	15	M6X18	CMMA020X015M06	7.5	9.0	CMMB020X015M06	14.2	17.0	3.0
20	20	M6X18	CMMA020X020M06	4.4	7.0	CMMB020X020M06	8.1	27.5	4.0
20	25	M6X18	CMMA020X025M06	3.0	6.0	CMMB020X025M06	5.5	11.0	5.0
25	15	M6X18	CMMA025X015M06	15.0	18.0	CMMB025X015M06	28.3	34.0	3.0
25	20	M6X18	CMMA025X020M06	10.0	16.0	CMMB025X020M06	18.1	29.0	4.0
25	25	M6X18	CMMA025X025M06	5.9	11.8	CMMB025X025M06	11.0	22.0	5.0
25	30	M8X20	CMMA025X030M08	4.3	10.3	CMMB025X030M08	8.1	19.4	6.0
30	20	M8X20	CMMA030X020M08	12.5	20.0	CMMB030X020M08	23.8	38.1	4.0
30	40	M8X20	CMMA040X040M08	4.5	14.4	CMMB040X040M08	7.6	24.3	8.0
40	30	M10X25	CMMA050X030M10	12.7	30.5	CMMB050X030M10	23.8	57.1	6.0
40	40	M8X23	CMMA040X040M08	8.1	25.9	CMMB040X040M08	15.0	48.0	8.0
50	30	M10X25	CMMA040X030M10	27.2	65.3	CMMB050X030M10	50.0	120.0	6.0
50	35	M10X25	CMMA050X035M10	19.7	55.2	CMMB050X035M10	36.7	102.8	7.0
50	45	M10X25	CMMA050X045M10	11.0	39.6	CMMB050X045M10	20.5	73.8	9.0
65	35	M10X25	CMMA065X035M10	43.0	120.4	CMMB065X035M10	80.0	224.0	7.0
65	45	M12X37	CMMA065X045M12	25.0	90.0	CMMB065X045M12	46.3	166.7	9.0
65	50	M12X37	CMMA065X050M12	19.1	76.4	CMMB065X050M12	35.1	140.4	10.0
70	35	M12X37	CMMA070X035M12	51.7	144.8	CMMB070X035M12	102.8	287.8	7.0
70	45	M12X37	CMMA070X045M12	32.1	115.6	CMMB070X045M12	59.5	214.2	9.0
80	40	M14X35	CMMA080X040M14	60.0	192.0	CMMB080X040M14	112.1	358.7	8.0
80	80	M14X35	CMMA080X080M14	16.8	107.5	CMMB080X080M14	30.9	197.8	16.0
100	40	M16X44	CMMA100X040M16	115.6	369.9	CMMB100X040M16	209.4	670.1	8.0
100	50	M16X44	CMMA100X050M16	69.0	276.0	CMMB100X050M16	125.0	500.0	10.0
100	55	M16X44	CMMA100X055M16	57.4	252.6	CMMB100X055M16	106.4	468.2	11.0
100	60	M16X44	CMMA100X060M16	50.0	240.0	CMMB100X060M16	90.4	433.9	12.0
100	100	M16X44	CMMA100X100M16	17.9	143.2	CMMB100X100M16	32.1	256.8	20.0
150	75	M16X44	CMMA150X075M16	97.0	582.0	CMMB150X075M16	178.5	1071.0	15.0



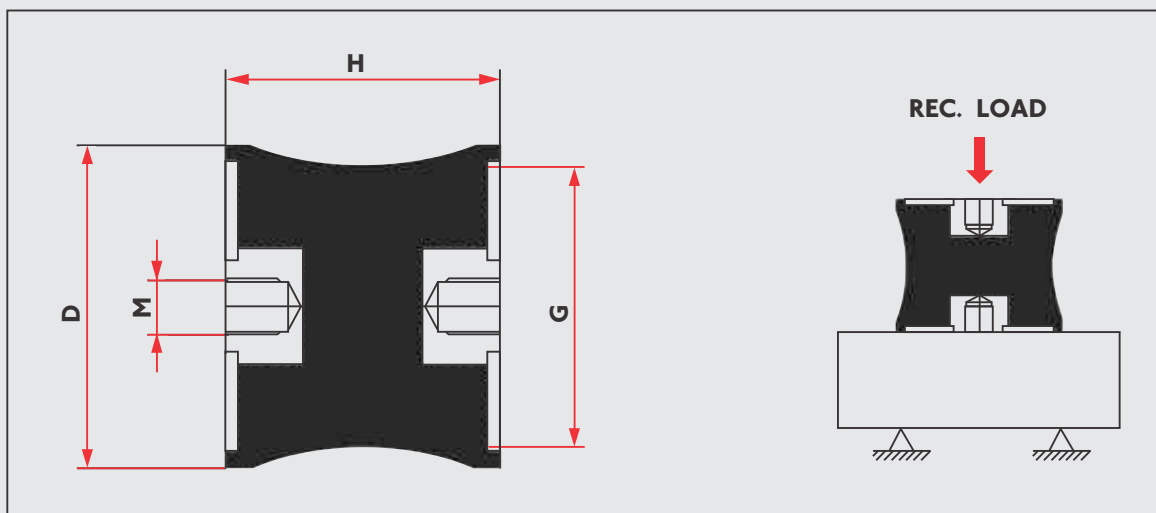
CMMA & BG

D	H	G	Mxl	Part No. 45 IRHD	Stiffness 45 IRHD (kg/mm)	Rec. Load 45 IRHD (kg)	Part No. 60 IRHD	Stiffness 60 IRHD (kg/mm)	Rec. Load 60 IRHD (kg)	Max Static Deflection (mm)
20	19	14.5	M6X18	CMMA20X20G14M06	4.0	6.1	CMMB20X20G14M06	6.0	9.1	3.8
25	20	10	M6X18	CMMA25X20G10M06	2.8	4.5	CMMB25X20G10M06	4.2	6.7	4
25	20	17	M6X18	CMMA25X20G17M06	4.8	7.7	CMMB25X20G17M06	7.3	11.7	4
30	20	24	M8X20	CMMA30X20G24M08	6.8	10.9	CMMB30X20G24M08	10.1	16.2	4
40	30	27	M8X23	CMMA40X30G27M08	7.0	16.8	CMMB40X30G27M08	10.5	25.2	6
60	60	50	M10X25	CMMA60X60G50M10	13.9	66.7	CMMB60X60G50M10	20.6	98.9	12



CMFA & BG

D	H	G	M	Part No. 45 IRHD	Stiffness 45 IRHD (kg/mm)	Rec. Load 45 IRHD (kg)	Part No. 60 IRHD	Stiffness 60 IRHD (kg/mm)	Rec. Load 60 IRHD (kg)	Max Static Deflection (mm)
20	19	14.5	M6	CMFA20X20G14M06	4.2	6.4	CMFB20X20G14M06	6.3	9.6	3.8
25	20	17	M6	CMFA25X20G17M06	5.1	8.2	CMFB25X20G17M06	7.7	12.3	4
30	20	24	M8	CMFA30X20G24M08	7.1	11.4	CMFB30X20G24M08	10.6	17.0	4
40	30	27	M8	CMFA40X30G27M08	7.4	17.8	CMFB40X30G27M08	11	26.4	6
60	60	50	M10	CMFA60X60G50M10	14.6	70.1	CMFB60X60G50M10	21.6	103.7	12



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