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ELEKTRİK MOTORLARI A.Ş.



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ve Dinamik İnsan Kaynağı
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HAKKIMIZDA

Uzun yıllar profesyonel olarak vibrasyon motoru üretiminde yer alan kurucularımız, AVIBRO adıyla İzmir'de yeni bir marka oluşturmuşlardır. AVIBRO vibrasyon motorları; makine üreticilerinin ihtiyaçlarını, bayi ve distribütör kanalından doğru analizler yaparak mühendislik çözümleri üretir ve müşterilerinin beğenisine sunar.

Başarılı bir marka olmanın en önemli kriterinin, endüstri alanındaki tüm gelişmeleri yakından takip etmek olduğuna inanıyor; uzman mühendis ve tekniker kadromuzla yüksek kalite vibrasyon motoru imalatı yapıyoruz.

AVIBRO vibrasyon motorları farklı devir, çeşitli frekans ve voltaj seçenekleriyle IP 66 koruma standardında özel karışım alüminyum enjeksiyon ve dökme demirden (sfero ggg 40), en kaliteli metallerle vibrasyon motoru üretir. Döküm öncesi ve sonrasında yapılan analiz, testler ve Ar-Ge çalışmaları ile yüksek kalitede üretim yaparak maksimum verimi sağlamayı amaçlamaktadır.

AVIBRO marka bilinirliğini ve değerini her geçen gün daha da artırmakta, sektörün ve ülke ekonomisinin gelişimine katkıda bulunarak pazar payını artırmayı hedeflemektedir.



ABOUT US

Our founders, who have been professionally in the production of vibration motors for many years, have created a new brand in İzmir under the name AVIBRO. AVIBRO vibration motors; It produces engineering solutions by analyzing the needs of machinery manufacturers by means of correct analysis through its dealer and distributor channel and presents it to the customers.

We believe that the most important criterion of being a successful brand is to follow all the developments in the field of industry closely; We manufacture high quality vibration motors with our expert engineers and technicians.

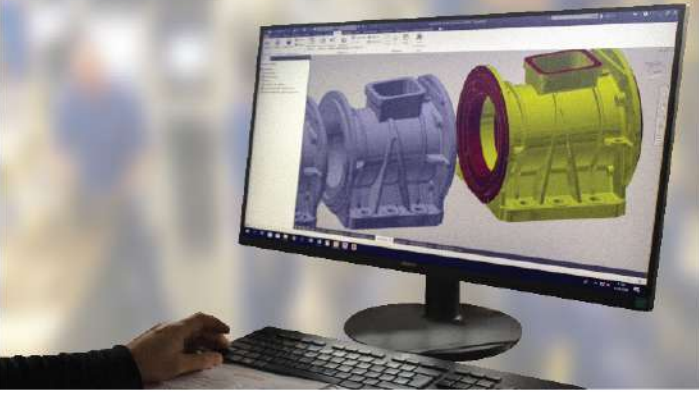
AVIBRO vibration motors, with different speed, various frequency and voltage options, produce a vibration motor with the highest quality metals from IP 66 protection standard, special mixture aluminum injection and cast iron (ductile iron 40). It aims to achieve maximum efficiency by producing high quality with analysis, tests and R&D studies performed before and after casting.

AVIBRO increases its brand awareness and value day by day and aims to increase its market share by contributing to the development of the sector and the national economy.

ÜRETİM PROSESLERİ MANUFACTURING PROCESS



3D CAD TASARIM / 3D CAD DESIGN



DİK İŞLEM MERKEZİ / VERTICAL MACHINING CENTER



YATAY İŞLEM MERKEZİ / HORIZONTAL PROCESSING CENTER



CNC TORNA / CNC TURNING



SAC SIVAMA PRES / DOUBLE ACTION PRES



BOYA PROSESİ / POWDER COATING PROCESS



PAKETLEME-SEVKİYAT / PACKAGE - LOGISTIC





Endüstriyel Vibrasyon Motorları

Moteurs de Vibration Industriels

Industrial Vibration Motors

Motores de Vibración Industrial

AVM 2 poles 3000 rpm-50Hz / 3600 rpm-60Hz

TP TC 012/2011
II 2GD Ex tb IIIC (T 120 °C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications								
Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force				(*)Statik Moment Statical Moment (m³)		Ağırlık Weight		Giriş Gücü Input Power		(**)Nominal Akım Nom. Current				IA / INnt		
		(Kg/F)		(kN)		(Kgmm)		(Kg)		(W)		(A)						
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz	
three-phase	AVM 65/3	10	61	69	0,59	0,67	6,1	4,7	4,9	4,7	150	165	0,30	0,30	0,51	0,52	2,72	3,00
	AVM 130/3	10	153	143	1,50	1,40	15,2	9,8	5,4	5,1	180	180	0,35	0,32	0,59	0,54	2,64	2,96
	AVM 200/3	10	214	226	2,09	2,21	21,3	15,6	5,7	5,4	180	180	0,35	0,32	0,59	0,54	2,64	2,96
	AVM 300/3	20	323	281	3,16	2,75	32,1	19,4	8,5	8,2	280	290	0,60	0,50	1,02	0,85	3,50	4,15
	AVM 400/3	20	421	456	4,13	4,47	41,8	31,4	8,9	8,5	370	400	0,75	0,70	1,27	1,19	4,10	4,35
	AVM 500/3	30A	565	552	5,54	5,41	56,2	38,1	14,6	14,0	470	520	0,80	0,75	1,36	1,27	4,15	4,60
	AVM 650/3	30A	674	681	6,61	6,68	66,9	47,0	14,9	14,4	550	600	0,90	0,85	1,53	1,44	4,25	4,70
	AVM 760/3	30A	751	798	7,36	7,82	74,6	55,1	15,4	14,7	550	650	0,90	0,90	1,53	1,55	4,30	4,90
	AVM 800/3	40A	797	866	7,81	8,49	79,2	59,8	22,8	22,2	650	680	1,10	1,00	1,87	1,73	3,80	5,80
	AVM 850/3	40A	891	913	8,74	8,95	88,6	63,0	23,2	22,2	660	700	1,20	1,10	2,04	1,87	3,90	6,00
	AVM 950/3	40A	996	1056	9,77	10,35	99,0	72,9	23,5	22,6	720	800	1,50	1,50	2,55	2,59	3,70	4,10
	AVM 1100/3	40A	1195	1127	11,72	11,05	118,8	77,8	23,8	22,9	1000	1100	1,75	1,70	2,97	2,94	3,65	4,00
	AVM 1300/3	40A	1394	1397	13,67	13,70	138,6	96,4	25,5	24,1	1300	1200	2,20	2,00	3,74	3,46	4,00	5,06
	AVM 1600/3	50A	1655	1702	16,23	16,69	164,5	117,4	33,6	32,3	1500	1500	2,40	2,10	4,08	3,57	4,68	4,96
	AVM 1800/3	50A	1847	1895	18,11	18,59	183,5	130,8	34,9	32,9	2000	2000	3,20	3,00	5,44	5,19	4,46	5,45
	AVM 2000/3	50A	2045	2155	20,06	21,14	203,2	148,7	35,5	34,2	2200	2300	3,40	2,90	5,78	4,93	4,34	5,80
	AVM 2300/3	50A	2316	2392	22,72	23,46	230,2	165,1	36,3	34,4	2200	2300	3,40	2,90	5,78	4,93	4,34	5,80
	AVM 2500/3	60A	2584	2566	25,34	25,17	256,8	177,1	78,5	76,5	2500	2400	3,80	3,50	—	—	4,86	5,72
	AVM 2850/3	60A	2956	2891	28,99	28,36	293,8	199,5	68,0	66,0	3000	2800	4,50	3,90	—	—	4,92	6,11
	AVM 3300/3	60A	3548	3322	34,80	32,58	352,7	229,3	70,0	68,0	4000	4000	6,40	5,70	—	—	4,52	5,24
AVM 4000/3	60A	4308	5041	42,26	49,45	428,2	347,9	73,0	71,0	4200	4200	6,20	5,40	—	—	4,63	5,30	
AVM 5000/3	60A	5188	6101	50,89	59,85	515,7	421,1	76,0	77,0	5000	5000	7,80	6,70	—	—	5,94	7,34	
AVM 6500/3	90A	6611	6547	64,85	64,22	657,1	451,9	246,5	244,5	8000	8000	13,00	12,00	—	—	6,27	6,54	
AVM 7600/3	90A	7691	7714	75,44	75,67	764,4	532,4	256,5	253,5	9000	9000	15,00	13,00	—	—	4,66	5,91	
AVM 9000/3	90A	9107	9000	89,34	88,29	905,2	621,2	264,0	261,0	10000	9500	16,30	13,70	—	—	4,51	5,68	

(*) Working moment = 2x static moment

I_a / I_n = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V

Fig. A*

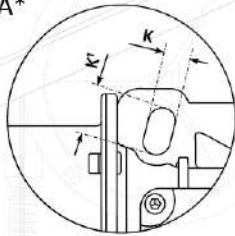


Fig. A

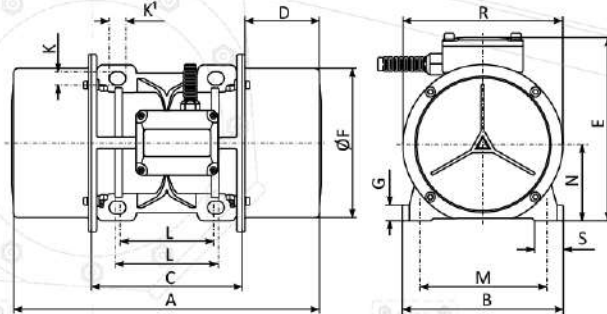
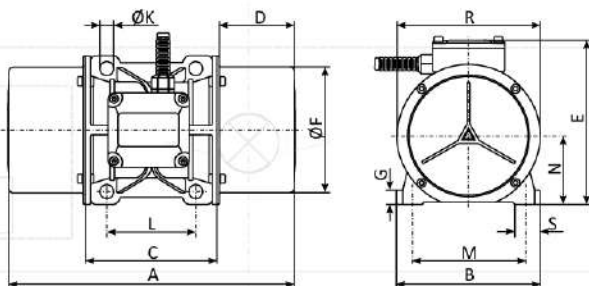


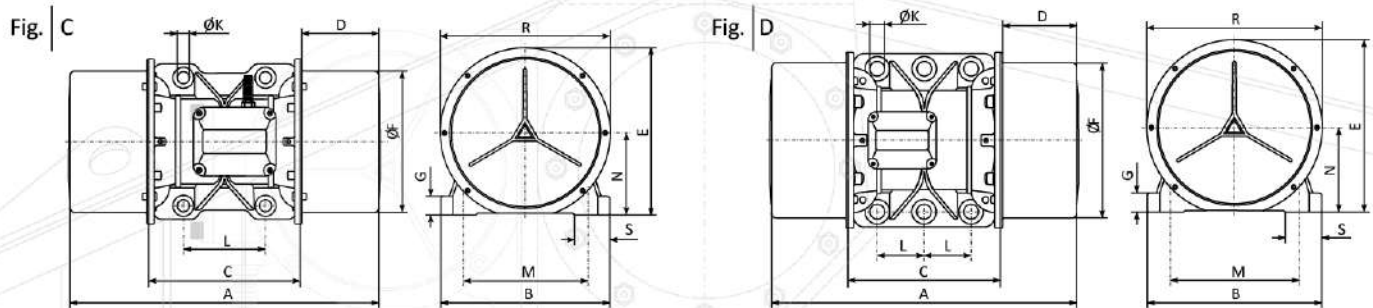
Fig. B





AVM 2 poles 3000 rpm-50Hz / 3600 rpm-60Hz

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
three-phase	AVM 65/3	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 130/3	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 200/3	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 300/3	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 400/3	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 500/3	30A	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 650/3	30A	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 760/3	30A	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 800/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 850/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 950/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1100/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1300/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1600/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1800/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2000/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2300/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2500/3	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 2850/3	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 3300/3	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 4000/3	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 5000/3	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 6500/3	90A	D	630	390	366	132	398,5	354	405	100x2	320	28	6	-	38	76	196
	AVM 7600/3	90A	D	630	390	366	132	398,5	354	405	100x2	320	28	6	-	38	76	196
	AVM 9000/3	90A	D	630	390	366	132	398,5	354	405	100x2	320	28	6	-	38	76	196



AVM 4 poles 1500 rpm-50Hz / 1800 rpm-60Hz

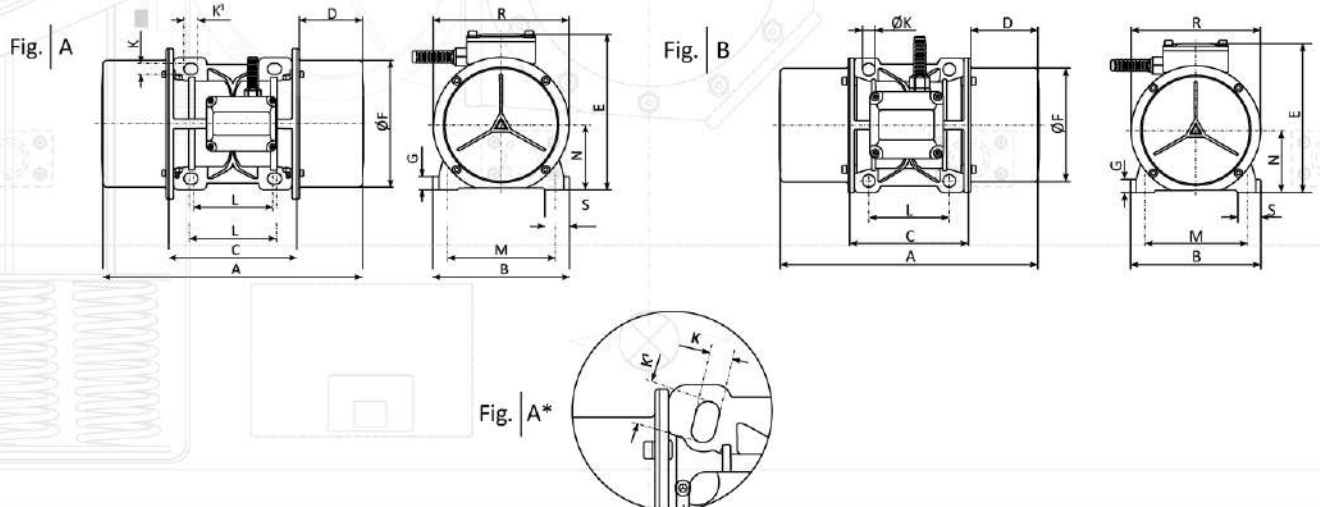
TP TC 012/2011
II 2GD Ex tb IIIC (T 120 OC) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force (Kg/F) (kN)				(*) Statik Moment Statical Moment (m ²) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**) Nominal Akım Nom. Current (A)				I _a / I _N	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz
AVM 20/15	10	23	27	0,26	0,27	9,1	7,4	5,0	4,8	90	85	0,22	0,20	0,34	0,34	1,85	2,00
AVM 30/15	10	30	39	0,29	0,38	11,9	10,7	5,2	5,0	90	85	0,22	0,20	0,34	0,34	1,85	2,00
AVM 60/15	10	54	58	0,53	0,56	21,3	16,0	5,7	5,4	90	85	0,22	0,20	0,34	0,34	1,85	2,00
AVM 90/15	10	84	93	0,82	0,91	33,4	25,7	6,5	6,1	95	105	0,24	0,26	0,40	0,44	1,95	2,10
AVM 200/15	20	210	207	2,06	2,03	83,5	57,1	10,5	9,5	180	190	0,42	0,38	0,71	0,64	2,42	2,90
AVM 250/15	20	242	248	2,37	2,43	96,2	68,4	11,0	10,3	250	270	0,54	0,42	0,91	0,71	3,28	3,50
AVM 300/15	30B	303	341	2,97	3,34	120,4	94,1	17,0	15,8	280	300	0,62	0,60	1,05	1,02	3,18	3,50
AVM 400/15	30B	421	439	4,13	4,30	167,4	121,2	18,2	16,6	300	350	0,64	0,66	1,08	1,12	3,36	3,68
AVM 520/15	30B	546	609	5,35	5,97	217,1	168,1	20,2	18,8	350	400	0,70	0,74	1,19	1,26	3,44	3,86
AVM 750/15	40B	743	700	7,29	6,86	295,4	193,2	28,0	26	500	525	0,96	0,92	1,63	1,57	3,54	4,52
AVM 900/15	40B	892	867	8,75	8,50	354,6	239,4	30,4	27,2	550	650	1,00	0,98	1,73	1,69	3,64	3,43
AVM 1100/15	40B	1127	1067	11,05	10,46	448,1	294,6	34,0	28,2	600	650	1,10	0,98	1,87	1,69	3,28	3,43
AVM 1300/15	40B	1314	1291	12,89	12,66	522,4	356,4	35,0	33,0	720	800	1,28	1,32	2,18	2,24	3,90	4,14
AVM 1500/15	50A	1523	1655	14,94	16,23	605,5	456,9	42,0	40,0	900	1050	1,45	1,50	2,47	2,55	4,10	4,20
AVM 1800/15	50A	1833	1916	17,98	18,79	728,7	529,1	47,0	43,0	1100	1200	2,00	1,90	3,46	3,30	4,32	4,94
AVM 2000/15	50B	2137	2166	20,96	21,24	849,6	598,1	49,7	45,5	1300	1350	2,45	2,30	4,24	4,00	4,30	4,90
AVM 2300/15	50B	2442	2474	23,95	24,27	970,9	683,1	54,0	49,5	1500	1500	2,90	2,80	5,00	4,84	5,95	7,00
AVM 2450/15	60A	2574	2502	25,26	24,54	1023,3	690,8	95,0	90,0	1600	1700	3,20	3,00	—	—	6,10	7,25
AVM 2700/15	60A	2943	2614	28,87	25,64	1170,1	721,7	98,5	93,5	1700	1800	3,30	3,10	—	—	4,90	6,90
AVM 3100/15	60A	3360	3243	32,96	31,81	1335,8	895,4	100,5	94,5	2000	2100	3,70	3,50	—	—	6,48	7,45
AVM 3800/15	70A	3859	3802	37,85	37,29	1534,2	1049,7	112,0	105,0	2200	2500	4,00	3,90	—	—	7,10	7,00
AVM 4300/15	70A	4503	4005	44,17	39,28	1790,3	1105,7	116,0	108,0	2800	3000	5,00	4,90	—	—	6,11	7,18
AVM 5000/15	80A	5926	6367	58,13	62,46	2356,1	1757,9	175,0	166,0	3500	3400	5,90	5,00	—	—	6,94	8,00
AVM 6000/15	80A	6240	6412	61,24	62,90	2480,9	1770,3	176,5	168,5	4000	4500	7,00	6,80	—	—	7,00	8,10
AVM 7000/15	90A	6733	6703	66,05	65,75	2676,9	1850,7	274,0	265,0	6000	6000	10,50	9,00	—	—	6,50	7,70
AVM 7500/15	90A	7502	7208	73,59	70,71	2982,6	1990,1	280,0	270,0	6200	6500	11,20	11,60	—	—	5,10	5,40
AVM 7900/15	90A	8070	7994	79,16	78,42	3208,5	2207,2	283,0	272,0	7000	8000	11,60	11,50	—	—	5,45	5,60
AVM 9500/15	100A	9519	9127	93,38	89,53	37,84,6	2519,9	340,0	338,0	7500	8500	12,20	12,00	—	—	6,56	6,70
AVM 11500/15	100A	10868	10912	106,61	107,04	4320,9	3012,8	350,0	341,0	11000	10500	17,50	16,00	—	—	7,00	8,10

(*) Working moment = 2x static moment

I_a / I_N = başlangıç akımı ile maksimum akım arasındaki oran / ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V





AVM 4 poles 1500 rpm-50Hz / 1800 rpm-60Hz

Model Type		Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R					L	M	ØK	K ¹
three phase	AVM 20/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 30/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 60/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 90/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 200/15	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 250/15	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 300/15	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 400/15	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷60	12	4	22,5	22	38	93,5
	AVM 520/15	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 750/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 900/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1100/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1300/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1500/15	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1800/15	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2000/15	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2300/15	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2450/15	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 2700/15	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 3100/15	60A	C	544	269	260	142	274	244	282	155	225	22	4	-	25	53,5	133
AVM 3800/15	70A	C	544	315	290	127	323,5	284	327	155	255	22	4	-	30	65,5	160	
AVM 4300/15	70A	C	544	315	290	127	323,5	284	327	155	255	22	4	-	30	65,5	160	
AVM 5000/15	80A	C	631	340	334	148,5	352	309	360	180	280	25	4		35	77	172	
AVM 6000/15	80A	C	631	340	334	148,5	352	309	360	180	280	25	4		35	77	172	
AVM 7000/15	90A	D	630	390	366	132	398,5	354	405	100x2	320	28	6	-	38	76	196	
AVM 7500/15	90A	D	630	390	366	132	398,5	354	405	100x2	320	28	6	-	38	76	196	
AVM 7900/15	90A	D	630	390	366	132	398,5	354	405	100x2	320	28	6	-	38	76	196	
AVM 9500/15	100A	D	740	460	410	165	454,5	412	465	125x2	380	38	6	-	45	98	222	
AVM 11500/15	100A	D	740	460	410	165	454,5	412	465	125x2	380	38	6	-	45	98	222	

Fig. C

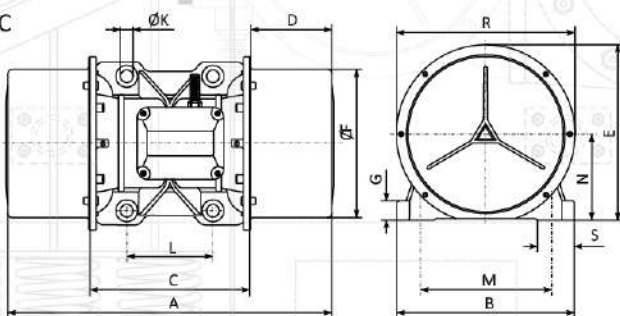
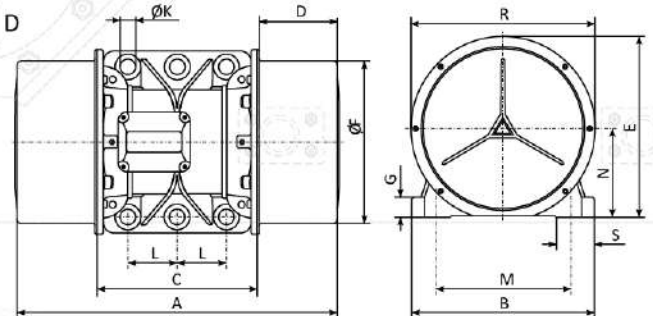


Fig. D



AVM 6 poles 1000 rpm-50Hz / 1200rpm-60Hz

TP TC 012/2011
II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force				(*) Statik Moment Statical Moment (m')		Ağırlık Weight		Giriş Gücü Input Power		(**) Nominal Akım Nom. Current				IA / IN	
		(Kg/F)		(kN)		(Kgmm)		(Kg)		(W)		(A)					
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz
AVM 200/10	30B	189	258	1,85	2,53	169,1	160,2	20,0	20,0	270	250	0,60	0,55	1,02	0,93	2,65	3,00
AVM 270/10	30B	242	331	2,37	3,24	216,4	205,6	20,2	20,2	320	350	0,75	0,72	1,27	1,22	2,65	2,90
AVM 390/10	40B	318	446	3,12	4,37	284,5	277,1	29,0	28,0	350	380	0,80	0,76	1,36	1,31	2,48	2,80
AVM 530/10	40B	597	639	5,85	6,26	534,1	396,9	32,5	30,5	450	500	1,05	0,95	1,78	1,64	2,50	3,68
AVM 650/10	40B	655	701	6,42	6,87	585,9	435,4	36,5	34,5	550	600	1,10	0,98	1,81	1,69	2,58	3,71
AVM 750/10	50A	814	861	7,98	8,44	728,2	534,8	45,5	43,0	680	720	1,40	1,25	2,38	2,16	2,79	3,36
AVM 1110/10	50B	1067	1190	10,46	11,66	954,4	739,3	54,0	49,0	750	750	1,60	1,50	2,72	2,59	3,34	4,10
AVM 1200/10	50B	1211	1267	11,88	12,42	1083,3	787,1	55,0	49,5	780	800	1,65	1,55	2,80	2,68	3,47	4,40
AVM 1300/10	50C	1356	1327	13,30	13,01	1213,1	824,4	57,5	52,5	850	900	1,70	1,60	2,89	2,72	4,33	4,48
AVM 1550/10	50C	1627	1587	15,96	15,56	1455,4	985,9	65,0	59,0	950	1000	1,80	1,70	3,06	2,94	3,05	3,65
AVM 1700/10	60B	1683	1708	16,51	16,75	1505,5	1061,1	93,0	87,0	1100	1200	2,30	2,10	—	—	4,23	4,00
AVM 2000/10	60B	1820	1941	17,85	19,04	1628,1	1205,8	97,0	93,0	1300	1400	2,80	2,75	—	—	3,23	4,05
AVM 2300/10	60C	2243	2391	22,00	23,45	2006,5	1485,3	106,0	99,0	1500	1800	3,00	2,90	—	—	3,55	4,12
AVM 3000/10	70B	3144	3281	30,84	32,18	2812,5	2038,2	160,0	152,0	2000	2100	4,50	4,30	—	—	4,35	4,86
AVM 4500/10	80B	4211	4587	41,31	44,99	3767,0	2849,5	202,0	192,0	2500	3000	4,80	5,00	—	—	5,81	6,00
AVM 5000/10	80B	4597	5012	45,09	49,16	4112,3	3113,5	213,0	205,0	3200	3800	6,50	6,00	—	—	5,24	5,43
AVM 6000/10	80B	5237	5443	51,37	53,39	4684,8	3881,3	220,0	211,0	3800	4000	7,20	6,90	—	—	5,68	5,96
AVM 6500/10	90B	6052	5911	59,37	57,98	5413,9	3672,1	324,0	310,0	4000	4400	7,70	7,00	—	—	4,88	5,12
AVM 7000/10	90B	7160	6705	70,24	65,77	6405,1	4165,3	332,0	316,0	5000	5600	8,80	8,60	—	—	4,55	5,92
AVM 8500/10	90C	9023	8891	88,51	87,22	8071,6	5523,3	364,0	330,0	7500	8000	13,90	12,70	—	—	4,69	5,86
AVM 9800/10	90C	9622	9802	94,39	96,15	8607,5	6089,2	386,0	377,0	8000	8500	14,60	13,40	—	—	4,96	5,05
AVM 10000/10	100B	10220	10089	100,25	98,97	9142,5	6267,5	415,0	392,0	8500	8800	15,00	14,10	—	—	5,13	6,58
AVM 12000/10	100B	12937	12571	126,91	123,32	11572,9	7809,4	458,0	424,0	9500	10000	16,50	15,40	—	—	5,68	5,96
AVM 13500/10	100B	13889	13497	136,25	132,40	12424,6	8384,7	465,0	432,0	10000	10000	17,10	16,60	—	—	5,00	5,12
AVM 14500/10	100B	14900	14322	146,16	140,49	13329,1	8897,2	585,0	536,0	11800	12000	18,20	18,00	—	—	6,00	5,98
AVM 15000/10	110B	15985	15106	156,81	148,19	14299,6	9384,2	600,0	560,0	12500	13000	19,10	18,50	—	—	6,12	6,88
AVM 18500/10	110B	18968	19566	186,07	191,94	16968,1	12154,9	655,0	580,0	13800	14000	25,00	23,90	—	—	5,88	6,18
AVM 20500/10	110B	21068	20107	206,67	197,25	18846,7	12491,0	665,0	600,0	15000	15400	26,40	24,80	—	—	4,88	5,90
AVM 22500/10	120B	22540	20362	221,12	199,75	20162,8	12628,5	1025	995,0	19000	19000	33,00	25,50	—	—	4,68	5,89
AVM 25500/10	120B	25300	24100	248,19	236,42	22632,4	14971,4	1050	1027	19000	19000	33,00	25,50	—	—	4,68	—
AVM 30000/10	120B	30575	30240	299,94	296,65	27351,1	18787,6	1315	1065	24000	25800	40,00	38,00	—	—	4,90	5,40

(*) Working moment = 2x static moment

la / ln = başlangıç akımı ile maksimum akım arasındaki oran /
ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V /
use of Inverter 3phase 115V

Fig. A*

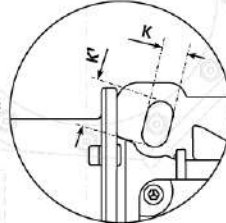


Fig. A

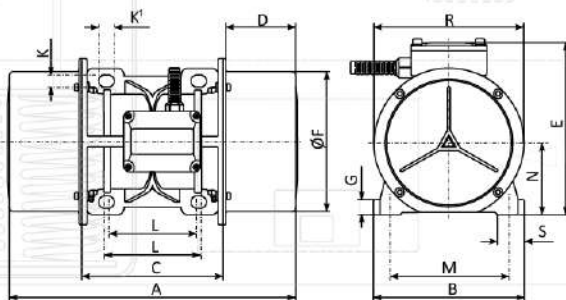
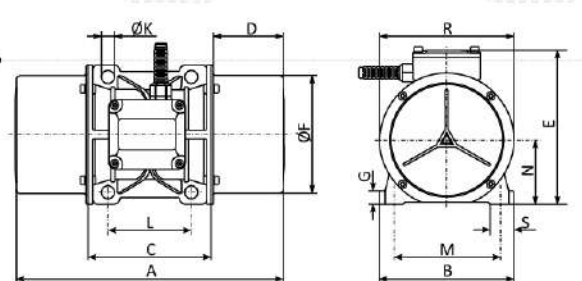


Fig. B





AVM 6 poles 1000 rpm-50Hz / 1200rpm-60Hz

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
three-phase	AVM 200/10	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 270/10	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 390/10	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 530/10	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 650/10	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 750/10	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1110/10	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1200/10	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1300/10	50C	A	580	230	226	177	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1550/10	50C	A	580	230	226	177	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1700/10	60B	C	604	269	260	172	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 2000/10	60B	C	604	269	260	172	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 2300/10	60C	C	634	269	260	187	274	244	282	155	225	22	4	-	25	53,5	133
	AVM 3000/10	70B	C	634	315	290	172	323,5	284	327	155	255	22	4	-	30	65,5	160
	AVM 4500/10	80B	C	773	340	334	219,5	352	309	360	180	280	25	4		35	77	172
	AVM 5000/10	80B	C	773	340	334	219,5	352	309	360	180	280	25	4		35	77	172
	AVM 6000/10	80B	C	773	340	334	219,5	352	309	360	180	280	25	4		35	77	172
	AVM 6500/10	90B	D	750	390	366	192	398,5	354	405	100x2	320	28	6	-	38	76	196
	AVM 7000/10	90B	D	750	390	366	192	398,5	354	405	100x2	320	28	6	-	38	76	196
	AVM 8500/10	90C	D	842	390	366	238	398,5	354	405	100x2	320	28	6	-	38	76	196
	AVM 9800/10	90C	D	842	390	366	238	398,5	354	405	100x2	320	28	6	-	38	76	196
	AVM 10000/10	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222
	AVM 12000/10	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222
	AVM 13500/10	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222
	AVM 14500/10	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222
	AVM 15000/10	110B	E	1005	573	549	228	538	486	540	140x3	480	45	8	-	50	120	268
	AVM 18500/10	110B	E	1005	573	549	228	538	486	540	140x3	480	45	8	-	50	120	268
	AVM 20500/10	110B	E	1005	573	549	228	538	486	540	140x3	480	45	8	-	50	120	268
	AVM 22500/10	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8		45	140	320
	AVM 25500/10	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8		45	140	320
	AVM 30000/10	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8		45	140	320

Fig. C

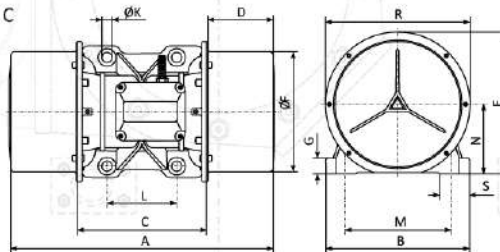


Fig. D

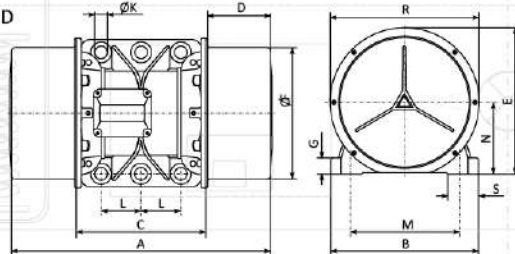
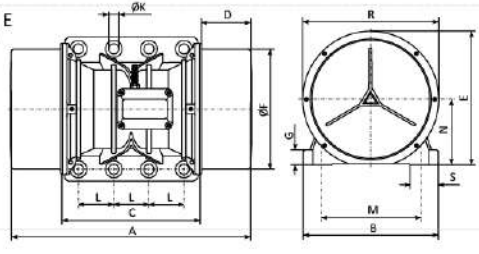


Fig. E



AVM 8 poles 750 rpm-50Hz / 900 rpm-60Hz

II 2GD Ex tb IIIC (T 120 OC) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications								
Model Type	Gövde Size	Santrüfuj Kuvveti Centrifugal Force				(*)Statik Moment Statikal Moment (m')		Ağırlık Weight		Giriş Gücü Input Power		(**)Nominal Akım Nom. Current				IA / IN		
		(Kg/F)		(kN)		(Kgmm)		(Kg)		(W)		(A)						
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz	
three-phase	AVM 120/75	30B	106	141	1,04	1,38	168,5	155,7	18,6	18,6	230	250	0,85	0,75	1,44	1,29	2,15	2,11
	AVM 160/75	30B	137	187	1,34	1,83	217,8	206,5	20,2	20,2	250	300	0,95	0,85	1,61	1,47	2,36	2,44
	AVM 210/75	40B	178	241	1,74	2,36	283,1	266,2	27,8	27,8	350	380	1,10	1,05	1,87	1,81	2,05	2,30
	AVM 330/75	40B	281	396	2,75	3,88	446,8	437,3	33,7	33,7	300	280	0,75	0,70	1,27	1,21	1,75	3,00
	AVM 500/75	50A	458	601	4,49	5,89	728,3	663,7	45,6	45,6	400	450	1,20	1,20	2,04	2,07	2,42	2,60
	AVM 700/75	50B	534	803	5,23	7,87	849,2	886,8	50,5	49,8	450	500	1,40	1,30	2,38	2,24	2,56	2,96
	AVM 800/75	50B	610	881	5,98	8,64	970,1	972,9	54,4	54,6	550	560	1,55	1,40	2,63	2,42	2,43	2,87
	AVM 950/75	50B	686	991	6,73	9,72	1090,9	1094,4	58,4	58,4	720	760	1,60	1,50	2,72	2,59	4,38	3,67
	AVM 1200/75	60B	1081	1467	10,60	14,39	1719,1	1620,2	109,0	109,0	1100	1100	2,20	2,20	—	—	2,65	3,45
	AVM 1500/75	60C	1261	1791	12,37	17,57	2005,4	1977,9	118,0	118,0	1150	1250	2,60	2,30	—	—	2,81	3,05
	AVM 2000/75	70B	1769	2296	17,35	22,52	2813,3	2535,7	156,0	156,0	1700	1800	4,40	4,20	—	—	3,66	3,05
	AVM 3200/75	80B	2533	3774	24,84	37,02	4028,3	4168,0	210,0	210,0	2000	2200	5,20	5,10	—	—	4,00	4,66
	AVM 4800/75	90B	3727	5676	36,56	55,68	5927,1	6268,6	255,0	255,0	4000	4300	8,20	7,90	—	—	3,96	5,35
	AVM 5800/75	90C	4738	6713	46,48	65,85	7535,0	7413,8	358,0	358,0	5600	6000	10,50	10,00	—	—	3,12	3,30
	AVM 5900/75	100B	5602	7005	54,95	68,71	8909,0	7736,3	366,0	366,0	6000	6500	11,10	10,50	—	—	3,04	4,00
	AVM 8300/75	100B	6713	9181	65,85	90,06	10675,9	10139,5	396,0	396,0	6500	7000	12,60	12,00	—	—	3,66	4,30
AVM 9300/75	100B	7277	10781	71,38	105,76	11572,8	11906,5	410,0	410,0	7500	8000	13,50	12,60	—	—	3,44	4,12	
AVM 13500/75	110B	11868	13769	116,42	135,07	18874,1	15206,5	670,0	630,0	9200	9600	21,00	19,50	—	—	5,05	5,55	
AVM 17000/75	110B	13513	17087	132,56	167,62	21490,2	18870,9	695,0	650,0	10500	11000	22,50	21,00	—	—	5,50	6,00	
AVM 22500/75	120B	18200	22392	178,54	219,67	28943,1	24727,9	1120,0	1086,0	12500	16200	26,50	28,00	—	—	5,63	4,71	
AVM 25500/75	120B	—	25950	—	254,57	—	28658,4	—	1027,0	—	16200	—	28,00	—	—	—	4,71	
AVM 30000/75	120B	21100	30460	206,99	298,81	33487,3	33472,9	1230,0	1265,0	—	—	—	—	—	—	—	—	

(*) Working moment = 2x static moment

I_a / I_n = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V

Fig. A*

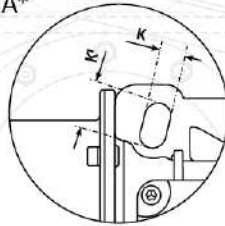


Fig. A

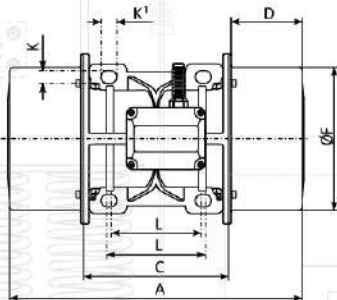
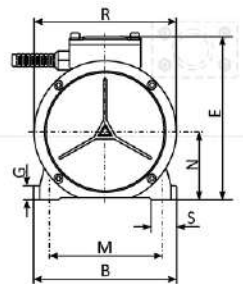
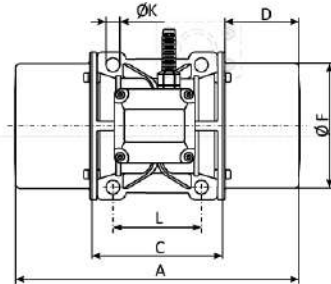


Fig. B



AVM 8 poles 750 rpm-50Hz / 900 rpm-60Hz



Gövde Ölçüleri - Overall Dimensions (mm)

three-phase	Model Type Gövde Size Fig.			Gövde Ölçüleri - Overall Dimensions (mm)														
				A B C D E ØF R							L M ØK K ¹				G S N			
	AVM 120/75	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
AVM 160/75	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5	
AVM 210/75	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5	
AVM 330/75	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5	
AVM 500/75	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5	
AVM 700/75	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5	
AVM 800/75	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5	
AVM 950/75	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5	
AVM 1200/75	60B	C	604	269	260	172	274	244	282	155	225	22	4	-	25	53,5	133	
AVM 1500/75	60B	C	604	269	260	172	274	244	282	155	225	22	4	-	25	53,5	133	
AVM 2000/75	70B	C	634	315	290	172	323,5	284	327	155	255	22	4	-	30	65,5	160	
AVM 3200/75	80B	C	773	340	334	219,5	352	309	360	180	280	25	4		35	77	172	
AVM 4800/75	90B	D	750	390	366	192	398,5	354	405	100x2	320	28	6	-	38	76	196	
AVM 5800/75	90C	D	842	390	366	238	398,5	354	405	100x2	320	28	6	-	38	76	196	
AVM 5900/75	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222	
AVM 8300/75	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222	
AVM 9300/75	100B	D	884	460	410	237	454,5	412	465	125x2	380	38	6	-	45	98	222	
AVM 13500/75	110B	E	1005	573	549	228	538	486	540	140x3	480	45	8	-	50	120	268	
AVM 17000/75	110B	E	1005	573	549	228	538	486	540	140x3	480	45	8	-	50	120	268	
AVM 22500/75	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320	
AVM 25500/75	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320	
AVM 30000/75	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320	

Fig. C

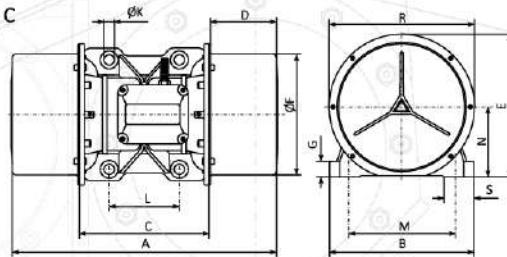


Fig. D

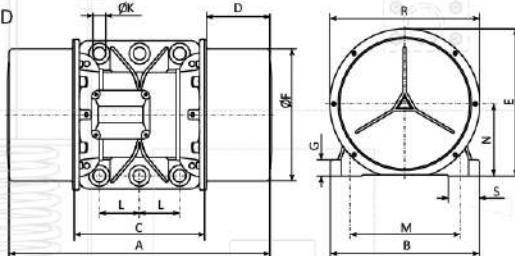
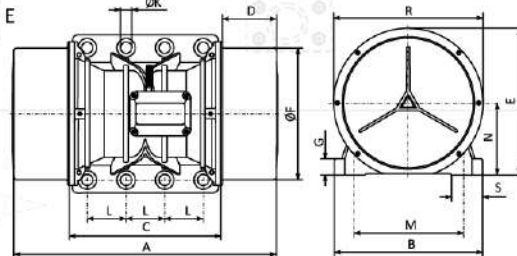


Fig. E



AVM-CR 2 poles 3000 rpm-50Hz / 3600 rpm-60Hz

TP TC 012/2011 II 2GD Ex tb IIIC (T 120 OC) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force				(*) Statik Moment Statical Moment (m')		Ağırlık Weight		Giriş Gücü Input Power		(**) Nominal Akım Nom. Current				IA / INnt	
		(Kg/F)		(kN)		(Kgmm)		(Kg)		(W)		(A)					
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz
three-phase AVM-CR 65/3	10	61	69	0,59	0,67	6,1	4,7	4,9	4,7	150	165	0,30	0,30	0,51	0,52	2,72	3,00
AVM-CR 130/3	10	153	143	1,50	1,40	15,2	9,8	5,4	5,1	180	180	0,35	0,32	0,59	0,54	2,64	2,96
AVM-CR 200/3	10	214	226	2,09	2,21	21,3	15,6	5,7	5,4	180	180	0,35	0,32	0,59	0,54	2,64	2,96
AVM-CR 300/3	20	323	281	3,16	2,75	32,1	19,4	8,5	8,2	280	290	0,60	0,50	1,02	0,85	3,50	4,15
AVM-CR 400/3	20	421	456	4,13	4,47	41,8	31,4	8,9	8,5	370	400	0,75	0,70	1,27	1,19	4,10	4,35
AVM-CR 500/3	30A	565	552	5,54	5,41	56,2	38,1	14,6	14,0	470	520	0,80	0,75	1,36	1,27	4,15	4,60
AVM-CR 650/3	30A	674	681	6,61	6,68	66,9	47,0	14,9	14,4	550	600	0,90	0,85	1,53	1,44	4,25	4,70
AVM-CR 760/3	30A	751	798	7,36	7,82	74,6	55,1	15,4	14,7	550	650	0,90	0,90	1,53	1,55	4,30	4,90
AVM-CR 800/3	40A	797	866	7,81	8,49	79,2	59,8	22,8	22,2	650	680	1,10	1,00	1,87	1,73	3,80	5,80
AVM-CR 850/3	40A	891	913	8,74	8,95	88,6	63,0	23,2	22,2	660	700	1,20	1,10	2,04	1,87	3,90	6,00
AVM-CR 950/3	40A	996	1056	9,77	10,35	99,0	72,9	23,5	22,6	720	800	1,50	1,50	2,55	2,59	3,70	4,10
AVM-CR 1100/3	40A	1195	1127	11,72	11,05	118,8	77,8	23,8	22,9	1000	1100	1,75	1,70	2,97	2,94	3,65	4,00
AVM-CR 1300/3	40A	1394	1397	13,67	13,70	138,6	96,4	25,5	24,1	1300	1200	2,20	2,00	3,74	3,46	4,00	5,06
AVM-CR 1600/3	50A	1655	1702	16,23	16,69	164,5	117,4	33,6	32,3	1500	1500	2,40	2,10	4,08	3,57	4,68	4,96
AVM-CR 1800/3	50A	1847	1895	18,11	18,59	183,5	130,8	34,9	32,9	2000	2000	3,20	3,00	5,44	5,19	4,46	5,45
AVM-CR 2000/3	50A	2045	2155	20,06	21,14	203,2	148,7	35,5	34,2	2200	2300	3,40	2,90	5,78	4,93	4,34	5,80
AVM-CR 2300/3	50A	2316	2392	22,72	23,46	230,2	165,1	36,3	34,4	2200	2300	3,40	2,90	5,78	4,93	4,34	5,80

(*) Working moment = 2x static moment

la / In = başlangıç akımı ile maksimum akım arasındaki oran / ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V



AVM-CR 2 poles 3000 rpm-50Hz / 3600 rpm-60Hz

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
three-phase	AVM-CR 65/3	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 130/3	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 200/3	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 300/3	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM-CR 400/3	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM-CR 500/3	30A	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 650/3	30A	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 760/3	30A	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 800/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 850/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 950/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1100/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1300/3	40A	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1600/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1800/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 2000/3	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 2300/3	50A	A	466	230	226	120	248	220	26	140÷150	190	18,5	4	23,5	27	50,5	120,5

Fig. A*

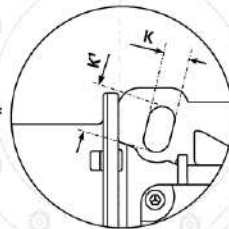


Fig. A

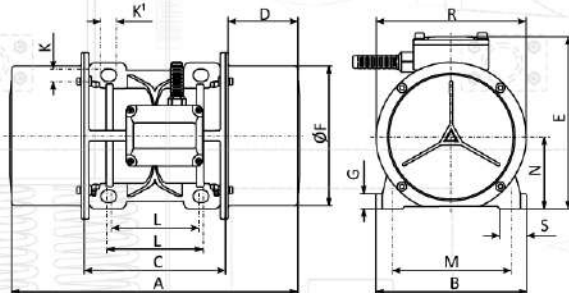
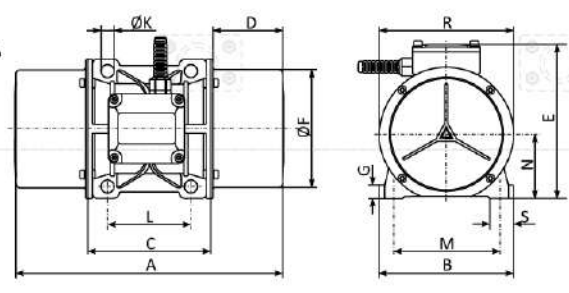


Fig. B



AVM-CR 4 poles 1500 rpm-50Hz / 1800 rpm-60Hz

TP TC 012/2011
II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F) (kN)				(**)Statik Moment Statistical Moment (m) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)				IA / IN	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz
three-phase AVM-CR 20/15	10	23	27	0,26	0,27	9,1	7,4	5,0	4,8	90	85	0,22	0,20	0,34	0,34	1,85	2,00
AVM-CR 30/15	10	30	39	0,29	0,38	11,9	10,7	5,2	5,0	90	85	0,22	0,20	0,34	0,34	1,85	2,00
AVM-CR 60/15	10	54	58	0,53	0,56	21,3	16,0	5,7	5,4	90	85	0,22	0,20	0,34	0,34	1,85	2,00
AVM-CR 90/15	10	84	93	0,82	0,91	33,4	25,7	6,5	6,1	95	105	0,24	0,26	0,40	0,44	1,95	2,10
AVM-CR 200/15	20	210	207	2,06	2,03	83,5	57,1	10,5	9,5	180	190	0,42	0,38	0,71	0,64	2,42	2,90
AVM-CR 250/15	20	242	248	2,37	2,43	96,2	68,4	11,0	10,3	250	270	0,54	0,42	0,91	0,71	3,28	3,50
AVM-CR 300/15	30B	303	341	2,97	3,34	120,4	94,1	17,0	15,8	280	300	0,62	0,60	1,05	1,02	3,18	3,50
AVM-CR 400/15	30B	421	439	4,13	4,30	167,4	121,2	18,2	16,6	300	350	0,64	0,66	1,08	1,12	3,36	3,68
AVM-CR 520/15	30B	546	609	5,35	5,97	217,1	168,1	20,2	18,8	350	400	0,70	0,74	1,19	1,26	3,44	3,86
AVM-CR 750/15	40B	743	700	7,29	6,86	295,4	193,2	28,0	26	500	525	0,96	0,92	1,63	1,57	3,54	4,52
AVM-CR 900/15	40B	892	867	8,75	8,50	354,6	239,4	30,4	27,2	550	650	1,00	0,98	1,73	1,69	3,64	3,43
AVM-CR 1100/15	40B	1127	1067	11,05	10,46	448,1	294,6	34,0	28,2	600	650	1,10	0,98	1,87	1,69	3,28	3,43
AVM-CR 1300/15	40B	1314	1291	12,89	12,66	522,4	356,4	35,0	33,0	720	800	1,28	1,32	2,18	2,24	3,90	4,14
AVM-CR 1500/15	50A	1523	1655	14,94	16,23	605,5	456,9	42,0	40,0	900	1050	1,45	1,50	2,47	2,55	4,10	4,20
AVM-CR 1800/15	50A	1833	1916	17,98	18,79	728,7	529,1	47,0	43,0	1100	1200	2,00	1,90	3,46	3,30	4,32	4,94
AVM-CR 2000/15	50B	2137	2166	20,96	21,24	849,6	598,1	49,7	45,5	1300	1350	2,45	2,30	4,24	4,00	4,30	4,90
AVM-CR 2300/15	50B	2442	2474	23,95	24,27	970,9	683,1	54,0	49,5	1500	1500	2,90	2,80	5,00	4,84	5,95	7,00

(*) Working moment = 2x static moment

la / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V



AVM-CR 4 poles 1500 rpm-50Hz / 1800 rpm-60Hz

Gövde Ölçüleri - Overall Dimensions (mm)

three-phase

Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)																
			A	B	C	D	E	ØF	R	L					M	ØK	K ¹	G	
AVM-CR 20/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5		
AVM-CR 30/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5		
AVM-CR 60/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5		
AVM-CR 90/15	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5		
AVM-CR 200/15	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5		
AVM-CR 250/15	20	B	289	150,5	134	77,5	175	128	150	90	125	13,5	4	-	20	27	74,5		
AVM-CR 300/15	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5		
AVM-CR 400/15	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷60	12	4	22,5	22	38	93,5		
AVM-CR 520/15	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5		
AVM-CR 750/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5		
AVM-CR 900/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5		
AVM-CR 1100/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5		
AVM-CR 1300/15	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5		
AVM-CR 1500/15	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5		
AVM-CR 1800/15	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5		
AVM-CR 2000/15	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5		
AVM-CR 2300/15	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5		

Fig. A*

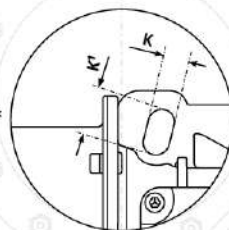


Fig. A

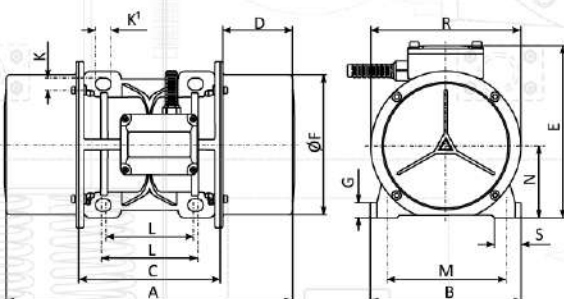
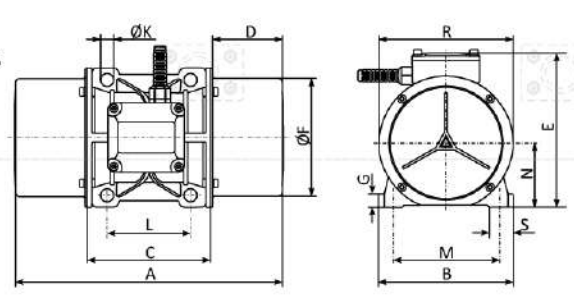


Fig. B



AVM-CR 6 poles 1000 rpm-50Hz / 1200rpm-60Hz

II 2GD Ex tb IIIC (T 120 OC) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C) TP TC 012/2011

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications								
three-phase	Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force				(*)Statik Moment Statical Moment (m')		Ağırlık Weight		Giriş Gücü Input Power		(**)Nominal Akım Nom. Current				IA / N	
			(Kg/F)		(kN)		(Kgmm)		(Kg)				(A)					
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz
	AVM-CR 200/10	30B	189	258	1,85	2,53	169,1	160,2	20,0	20,0	270	250	0,60	0,55	1,02	0,93	2,65	3,00
	AVM-CR 270/10	30B	242	331	2,37	3,24	216,4	205,6	20,2	20,2	320	350	0,75	0,72	1,27	1,22	2,65	2,90
	AVM-CR 390/10	40B	318	446	3,12	4,37	284,5	277,1	29,0	28,0	350	380	0,80	0,76	1,36	1,31	2,48	2,80
	AVM-CR 530/10	40B	597	639	5,85	6,26	534,1	396,9	32,5	30,5	450	500	1,05	0,95	1,78	1,64	2,50	3,68
	AVM-CR 650/10	40B	655	701	6,42	6,87	585,9	435,4	36,5	34,5	550	600	1,10	0,98	1,81	1,69	2,58	3,71
	AVM-CR 750/10	50A	814	861	7,98	8,44	728,2	534,8	45,5	43,0	680	720	1,40	1,25	2,38	2,16	2,79	3,36
	AVM-CR 1110/10	50B	1067	1190	10,46	11,66	954,4	739,3	54,0	49,0	750	750	1,60	1,50	2,72	2,59	3,34	4,10
	AVM-CR 1200/10	50B	1211	1267	11,88	12,42	1083,3	787,1	55,0	49,5	780	800	1,65	1,55	2,80	2,68	3,47	4,40
	AVM-CR 1300/10	50C	1356	1327	13,30	13,01	1213,1	824,4	57,5	52,5	850	900	1,70	1,60	2,89	2,72	4,33	4,48
	AVM-CR 1550/10	50C	1627	1587	15,96	15,56	1455,4	985,9	65,0	59,0	950	1000	1,80	1,70	3,06	2,94	3,05	3,65

AVM-CR 8 poles 750 rpm-50Hz / 900 rpm-60Hz

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications								
three-phase	Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force				(*)Statik Moment Statical Moment (m')		Ağırlık Weight		Giriş Gücü Input Power		(**)Nominal Akım Nom. Current				IA / IN	
			(Kg/F)		(kN)		(Kgmm)		(Kg)		(W)		(A)					
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz
	AVM-CR 120/75	30B	106	141	1,04	1,38	168,5	155,7	18,6	18,6	230	250	0,85	0,75	1,44	1,29	2,15	2,11
	AVM-CR 160/75	30B	137	187	1,34	1,83	217,8	206,5	20,2	20,2	250	300	0,95	0,85	1,61	1,47	2,36	2,44
	AVM-CR 210/75	40B	178	241	1,74	2,36	283,1	266,2	27,8	27,8	350	380	1,10	1,05	1,87	1,81	2,05	2,30
	AVM-CR 330/75	40B	281	396	2,75	3,88	446,8	437,3	33,7	33,7	300	280	0,75	0,70	1,27	1,21	1,75	3,00
	AVM-CR 500/75	50A	458	601	4,49	5,89	728,3	663,7	45,6	45,6	400	450	1,20	1,20	2,04	2,07	2,42	2,60
	AVM-CR 700/75	50B	534	803	5,23	7,87	849,2	886,8	50,5	49,8	450	500	1,40	1,30	2,38	2,24	2,56	2,96
	AVM-CR 800/75	50B	610	881	5,98	8,64	970,1	972,9	54,4	54,6	550	560	1,55	1,40	2,63	2,42	2,43	2,87
	AVM-CR 950/75	50B	686	991	6,73	9,72	1090,9	1094,4	58,4	58,4	720	760	1,60	1,50	2,72	2,59	4,38	3,67

(*) Working moment = 2x static moment

la / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V

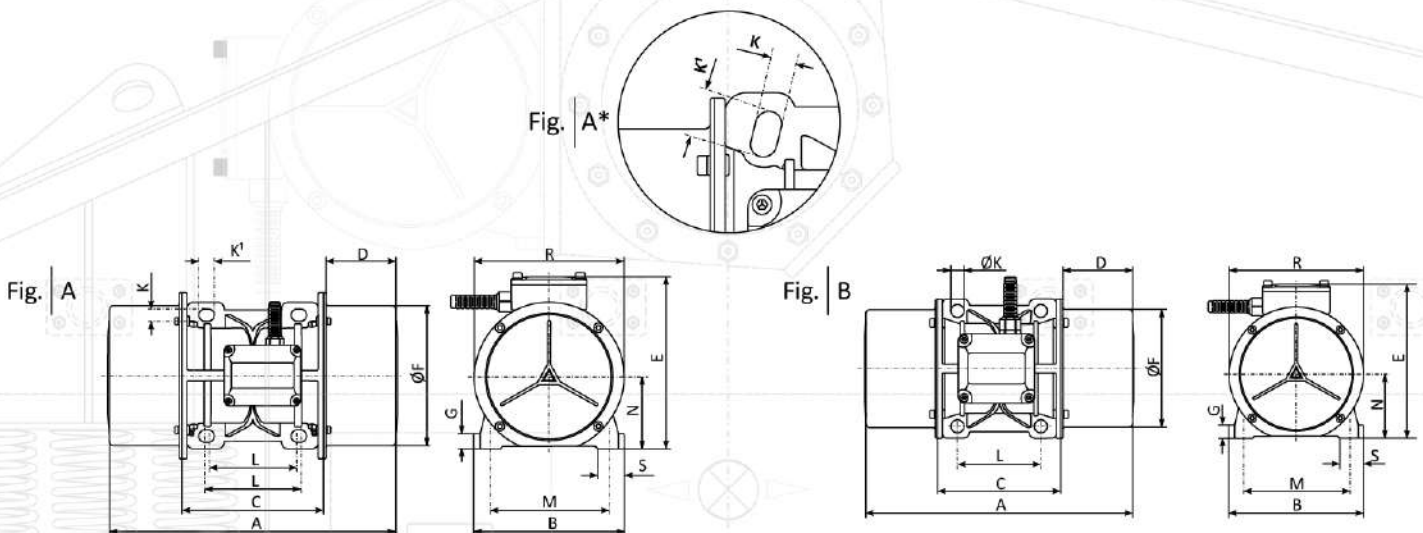


AVM-CR 6 poles 1000 rpm-50Hz / 1200rpm-60Hz

Model Type		Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
three-phase	AVM-CR 200/10	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 270/10	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 390/10	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 530/10	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 650/10	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 750/10	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1110/10	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1200/10	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1300/10	50C	A	580	230	226	177	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1550/10	50C	A	580	230	226	177	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5

AVM-CR 8 poles 750 rpm-50Hz / 900 rpm-60Hz

Model Type		Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L					M	ØK	K ¹
three-phase	AVM-CR 120/75	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 160/75	30B	A*	322	190	153	84,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 210/75	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 330/75	40B	B	405	210	188	108,5	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 500/75	50A	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	-	26	37	107,5
	AVM-CR 700/75	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 800/75	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 950/75	50B	A	520	230	226	147	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5



AVM-M 2 poles 3000 rpm-50 Hz / 3600 rpm - 60 Hz

II 2GD Ex tb IIIC (T 120 OC) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C) TP TC 012/2011

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications						
Model Type	Gövde Size	Santrüfjü Kuvveti Centrifugal Force (Kg/F) (kN)				(*)Statik Moment Statikal Moment(m³) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		Nominal Akım Nom. Current (A)		IA / IN		
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz	
Single-phase	AVM-M 65/3	10	61	77	0,59	0,75	6,1	7,6	4,9	4,7	150	165	0,55	1,10	2,72	3,00
	AVM-M 130/3	10	153	144	1,50	1,41	15,2	14,3	5,4	5,1	180	180	0,80	1,25	2,64	2,96
	AVM-M 200/3	10	214	231	2,09	2,26	21,3	22,9	5,7	5,4	180	180	0,80	1,25	2,64	2,96
	AVM-M 300/3	20	323	311	3,16	3,05	32,1	30,9	8,5	8,2	280	290	1,00	1,55	3,50	4,15
	AVM-M 400/3	20	421	443	4,13	4,34	41,8	44,0	8,9	8,5	370	400	1,25	2,30	4,10	4,35
	AVM-M 500/3	30A	565	591	5,54	5,79	56,2	58,7	14,6	14,0	470	520	1,70	3,30	4,15	4,60
	AVM-M 650/3	30A	674	687	6,61	6,73	66,9	68,3	14,9	14,4	550	600	2,15	4,20	4,25	4,70
	AVM-M 760/3	30A	751	766	7,36	7,51	74,6	76,1	15,4	14,7	550	650	2,15	4,40	4,30	4,90

(*) Working moment = 2x static moment

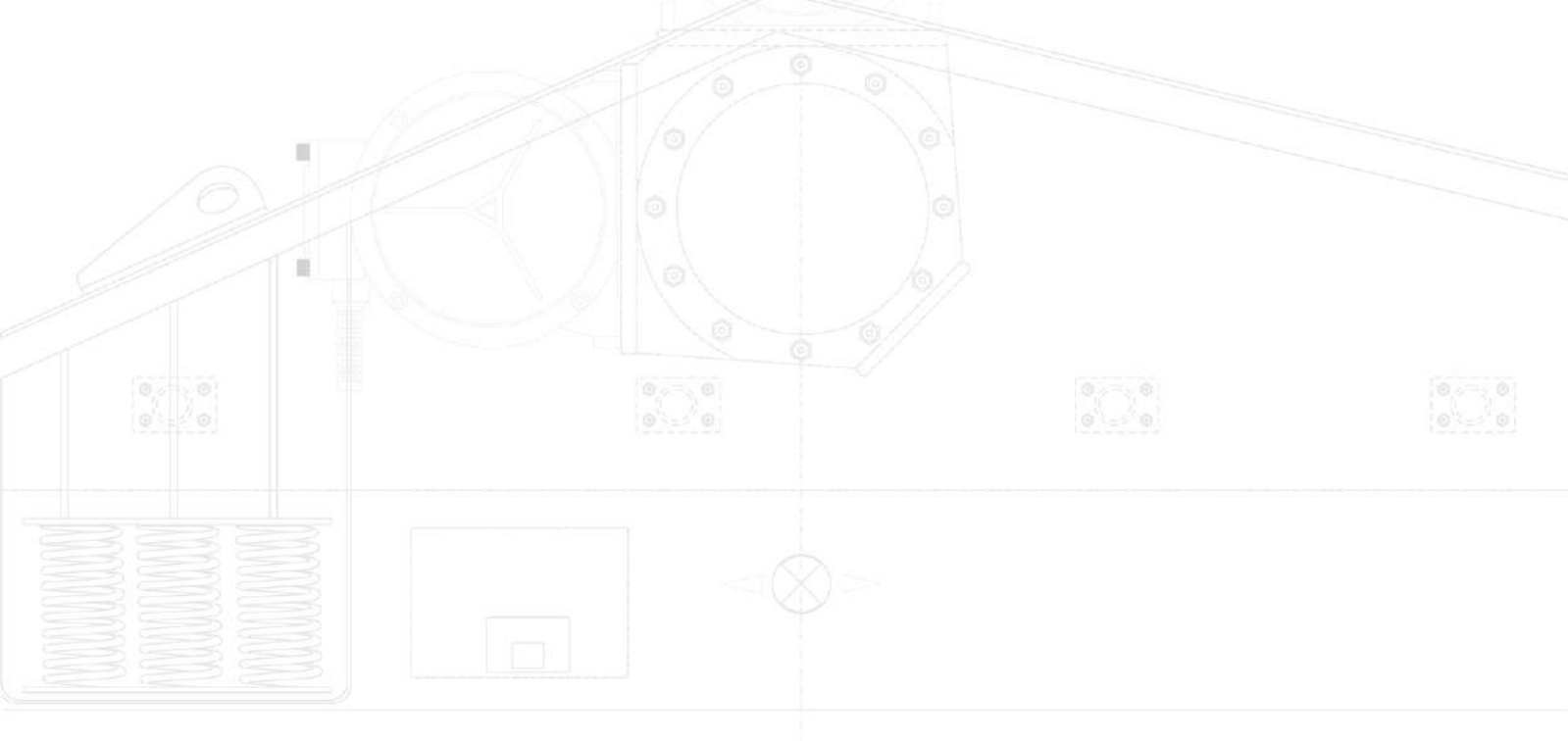
la / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

AVM-M 4 poles 1500 rpm - 50 Hz / 1800 rpm -60 Hz

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications						
Model Type	Gövde Size	Santrüfjü Kuvveti Centrifugal Force				(*)Statik Moment Statikal Moment (m³)				Ağırlık Weight	Giriş Gücü Input Power		Nominal Akım Nom. Current		IA / IN	
		(Kg/F)		(kN)		(Kgmm)		(Kg)	(W)		(A)					
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz					50Hz	60Hz	50Hz		60Hz
Single-phase	AVM-M 20/15	10	24	27	0,23	0,26	9,5	10,7	5,0	4,8	90	85	0,35	0,40	1,85	2,00
	AVM-M 30/15	10	33	39	0,32	0,38	13,1	15,5	5,2	5,0	90	85	0,35	0,40	1,85	2,00
	AVM-M 60/15	10	58	64	0,56	0,62	23,0	25,4	5,7	5,4	90	85	0,35	0,40	1,85	2,00
	AVM-M 90/15	20	87	94	0,85	0,92	34,6	37,3	9,4	8,4	95	105	0,40	0,65	1,95	2,10
	AVM-M 200/15	30A	210	202	2,06	1,98	83,5	80,3	14,6	14,0	180	190	0,80	1,10	2,42	2,90
	AVM-M 250/15	30A	242	269	2,37	2,63	96,2	106,9	14,9	14,4	250	270	1,20	1,40	3,28	3,50

(*) Working moment = 2x static moment

la / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.



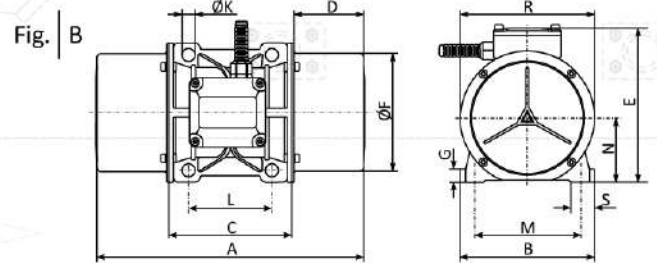
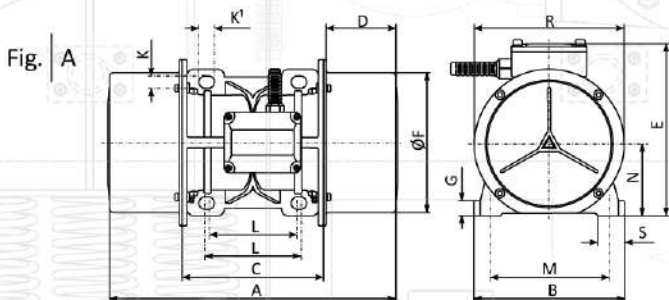
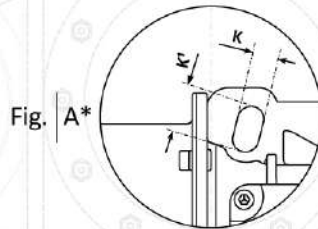


AVM-M 2 poles 3000 rpm-50 Hz / 3600 rpm - 60 Hz

Single-phase	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
	AVM-M 65/3	10	A	235	123,5	108	63,5	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 130/3	10	A	235	123,5	108	63,5	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 200/3	10	A	235	123,5	108	63,5	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 300/3	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5
	AVM-M 400/3	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5
	AVM-M 500/3	30A	A*	286	190	153	66,5	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5
	AVM-M 650/3	30A	A*	286	190	153	66,5	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5
	AVM-M 760/3	30A	A*	286	190	153	66,5	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5

AVM-M 4 poles 1500 rpm - 50 Hz / 1800 rpm -60 Hz

Model Type		Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L				M	ØK	K ¹	G
Single-phase	AVM-M 20/15	10	A	235	123,5	108	63,5	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 30/15	10	A	235	123,5	108	63,5	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 60/15	10	A	235	123,5	108	63,5	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 90/15	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5
	AVM-M 200/15	30A	A*	286	190	153	66,5	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5
	AVM-M 250/15	30A	A*	286	190	153	66,5	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5





AV 2 poles 3000 rpm-50Hz / 3600 rpm-60Hz

	Model Type	Devir (Rpm) (Hz)		Santrifüj Kuvveti Centrifugal Force (Kg/F) 50 Hz	Giriş Gücü Input Power (W) 50 Hz	Voltaaj Voltage (V) 50 Hz	Nominal Akım Nom. Current (Amp) 50 Hz
		50 Hz	60 Hz				
three-phase	AV-2T	3000	3600	22	22	400	0,12
	AV-4T	3000	3600	44	40	400	0,18
	AV-6T	3000	3600	65	40	400	0,18
single-phase	AV-2M	3000	3600	22	22	220	0,12
	AV-4M	3000	3600	44	40	220	0,18
	AV-6M	3000	3600	65	40	220	0,18
three-phase	AV-2	3000	3600	22	22	220	0,12
	AV-4	3000	3600	44	40	220	0,18
	AV-6	3000	3600	65	40	220	0,18

(*) Working moment = 2x static moment

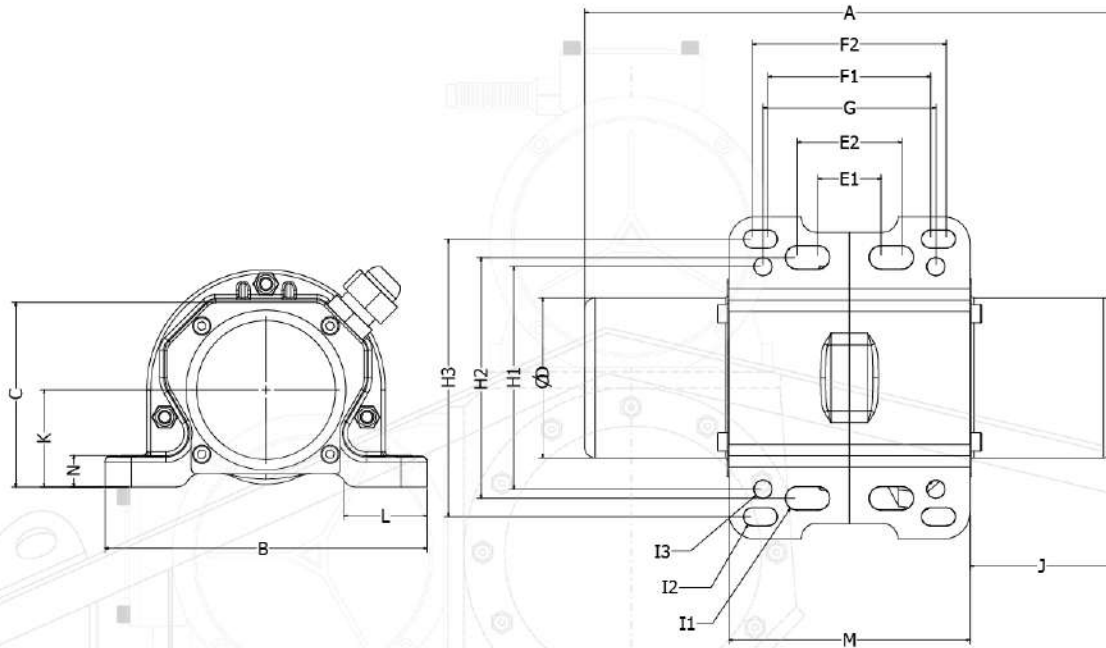
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.



AV 2 poles 3000 rpm-50Hz / 3600 rpm-60Hz

TP TC 012/2011
II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Model Type		Gövde Ölçüleri - Overall Dimensions (mm)																	
		A	B	C	ØD	E1-E2	F1-F2	G	H1	H2	H3	I1	I2	I3	J	K	L	M	N
three-phase	AV-2T	182	123	72	61	24-40	62-74	60	85	92	106	9	7	7	45	37	31.5	92	12
	AV-4T	182	123	72	61	24-40	62-74	60	85	92	106	9	7	7	45	37	31.5	92	12
	AV-6T	202	123	72	61	24-40	62-74	60	85	92	106	9	7	7	55	37	31.5	92	12
single-phase	AV-2M	182	123	72	61	24-40	62-74	60	85	92	106	9	7	7	45	37	31.5	92	12
	AV-4M	182	123	72	61	24-40	62-74	60	85	92	106	9	7	7	45	37	31.5	92	12
	AV-6M	202	123	72	61	24-40	62-74	60	85	92	106	9	7	7	55	37	31.5	92	12
three-phase	AV-2	182	123	72	61	24-40	62-74	60	85	92	106	9	7	7	45	37	31.5	92	12
	AV-4	182	123	72	61	24-40	62-74	60	85	92	106	9	7	7	45	37	31.5	92	12
	AV-6	202	123	72	61	24-40	62-74	60	85	92	106	9	7	7	55	37	31.5	92	12





AVM-D 12 poles 600rpm-50Hz / 750rpm-60Hz

TP TC 012/2011

II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
three-phase	Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force (Kg/F) (kN)				(*)Statik Moment Statical Moment (m ²) (Kgmm)		Ağırlık Weight (Kg)	Giriş Gücü Input Power (W)		Nominal Akım Nom. Current (A)		IA / IN	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	400V 50Hz	220V 60Hz	50Hz	60Hz
	AVM-D 650/6	51A	665	726	6,52	7,12	1652,5	1154,6	59	310	350	1,50	1,30	3,12	3,00
	AVM-D 800/6	51A	884	852	8,67	8,36	2196,6	1355,0	63	480	500	1,70	1,55	2,91	3,11
	*AVM-DE 800/6	52A	884	852	8,67	8,36	2196,6	1355,0	63	480	500	1,70	1,55	2,91	3,11
	AVM-D1000/6	52A	1106	1021	10,85	10,01	2748,3	1623,8	68	550	550	2,00	1,80	3,16	3,42

(*) Working moment = 2x static moment

la / ln = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(*) AVM-DE 800/6 = Opsiyonel ayak ölçüsü /Optional hole size

AVM-D / CR 12 poles 600rpm-50Hz / 750rpm-60Hz

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
three-phase	Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force (Kg/F) (kN)				(*)Statik Moment Statical Moment (m ²) (Kgmm)		Ağırlık Weight (Kg)	Giriş Gücü Input Power (W)		Nominal Akım Nom. Current (A)		IA / IN	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz		50Hz	60Hz	400V 50Hz	220V 60Hz	50Hz	60Hz
	AVM-D / CR 650/6	51A	665	726	6,52	7,12	1652,5	1154,6	59	310	350	1,50	1,30	3,12	3,00
	AVM-D / CR 800/6	51A	884	852	8,67	8,36	2196,6	1355,0	63	480	500	1,70	1,55	2,91	3,11
	*AVM-DE / CR 800/6	52A	884	852	8,67	8,36	2196,6	1355,0	63	480	500	1,70	1,55	2,91	3,11
	AVM-D1000/6	52A	1106	1021	10,85	10,01	2748,3	1623,8	68	550	550	2,00	1,80	3,16	3,42

(*) Working moment = 2x static moment

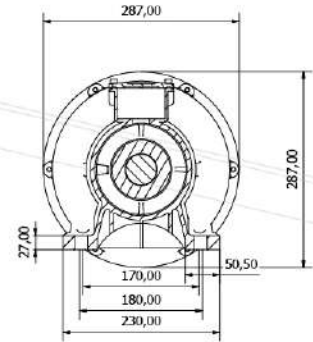
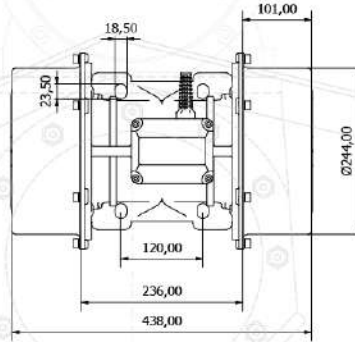
la / ln = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(*) AVM-DE 800/6 = Opsiyonel ayak ölçüsü /Optional hole size

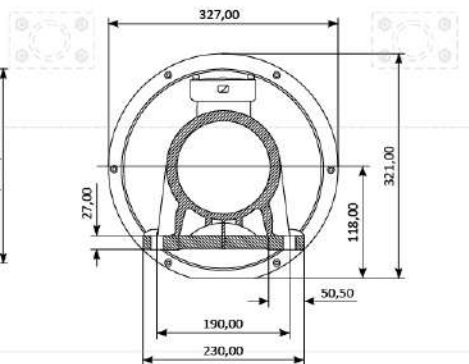
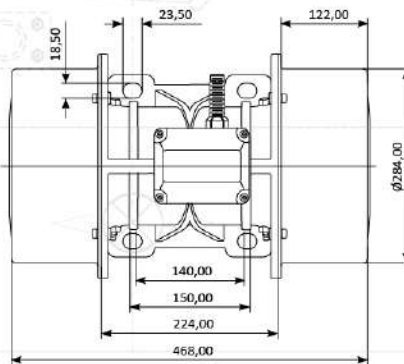
Gövde / Size 51

Çizim
Drawing

Gövde Ölçüleri - Overall Dimensions (mm)



Gövde / Size 52





TP TC 012/2011

II 2GD Ex tb IIIC (T 120 °C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

AVM-P 2 poles 0-100 Hz

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications				Elektriksel Özellikler / Electrical Specifications			
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force		(*) Statik Moment Statical Moment (m ³)	Ağırlık Weight	Giriş Gücü Input Power	Nominal Akım Nom. Current (A) - 100Hz		Frekans
		(Kg/F)	(kN)	(Kgmm)	(Kg)		42-55V	380 - 460V	
AVM-P 2000	40	2000	19,62	49,70	34	1750	26,3	2,7 - 3,1	0/100
AVM-P 2500	50	2500	24,52	62,12	40	2200	30	3,4 - 4,1	

(*) Working moment = 2x static moment

Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

APV-P 2 poles 0-100 Hz

Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
			A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
AVM-P 2000	40	B	405	210	188	108,5	228,5	183	220	120	170	17	4	—	26	37	107,5
AVM-P 2500	50	A	466	230	226	120	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5



Değişken Frekanslı Vibrasyon Motorları

AVM-P serisi AVIBRO vibrasyon motoru beton briket makinaları ve otomasyon sistemiyle çalışan prefabrik beton üretimindeki kalıplarda kullanılmaktadır.

TRİFAZE GİRİŞ GERİLİMİ

2 kutuplu 42 V 0/100 Hz- 0/6000 rpm
2 kutuplu 380-460 V 0/100 Hz- 0/6000 rpm
2 kutuplu 42 V 0/150 Hz- 0/9000 rpm
4 kutuplu 42 V 0/150 Hz- 0/6000 rpm

FREKANS İNVERTÖRÜ

AVM/P serisi AVIBRO vibrasyon motorları, sabit torku olan PVM tipi inverter ile çalıştırılmalıdır. Ürün etiketinde belirtilen elektromekanik özelliklere göre inverter programlanmalı ve çalıştırılmalıdır.



Variable Frequency Vibration Motors

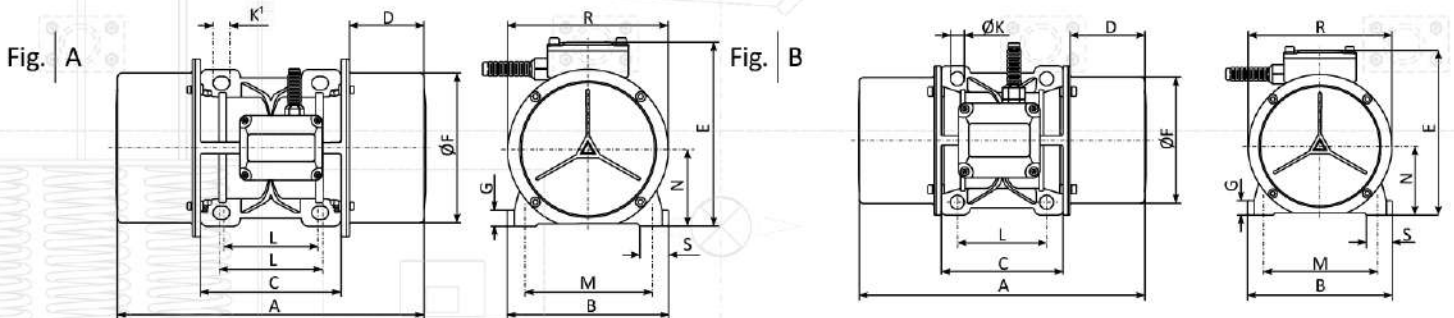
AVM-P series AVIBRO vibration motor is used in concrete briquette machines and molds in prefabricated concrete production working with automation system.

TRIPHASE INPUT VOLTAGE

2 poles 42 V 0/100 Hz- 0/6000 rpm
2 poles 380-460 V 0/100 Hz- 0/6000 rpm
2 poles 42 V 0/150 Hz- 0/9000 rpm
4 poles 42 V 0/150 Hz- 0/6000 rpm

FREQUENCY INVERTER

AVM/P series AVIBRO vibration motors should be operated with a constant torque PVM type inverter. The inverter must be programmed and operated according to the electromechanical properties specified on the product label.





ADC -12 V. - 24 V. / 1500 - 3000 rpm - (2 Poles - 4 Poles)

24V -DC

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications					Elektriksel Özellikler / Electrical Specifications	
Model Type	Gövde Size	Devir rpm	Santrüfuj Centrifugal Force (Kg/F)	Kuvveti (kN)	(*)Statik Moment Statical Moment (Kgmm)	Ağırlık Weight (Kg)	Giriş Gücü Input Power (W)	Nominal Akım Nom. Current (A)
ADC 90/24	10	1500	87	0,85	34,6	9,8	95	2,40
ADC 130/24	10	3000	153	1,50	15,2	5,7	120	4,80
ADC 200/24	10	3000	214	2,09	21,3	6,0	190	7,20
ADC 500/24	30	3000	500	5,54	56,2	14,6	270	11,30
ADC 1500/24	40	3000	1655	16,23	164,5	33,6	530	22,00

12V -DC

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications					Elektriksel Özellikler / Electrical Specifications	
Model Type	Gövde Size	Devir rpm	Santrüfuj Centrifugal Force (Kg/F)	Kuvveti (kN)	(*)Statik Moment Statical Moment (Kgmm)	Ağırlık Weight (Kg)	Giriş Gücü Input Power (W)	Nominal Akım Nom. Current (A)
ADC 90/12	10	1500	87	0,85	34,6	9,8	95	7,00
ADC 130/12	10	3000	153	1,50	15,2	5,7	120	8,00
ADC 200/12	10	3000	214	2,09	21,3	6,0	190	16,00

ADC/CR -12 V. - 24 V. / 1500 - 3000 rpm - (2 Poles - 4 Poles)

24V -DC

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications					Elektriksel Özellikler / Electrical Specifications	
Model Type	Gövde Size	Devir rpm	Santrüfuj Centrifugal Force (Kg/F)	Kuvveti (kN)	(*)Statik Moment Statical Moment (Kgmm)	Ağırlık Weight (Kg)	Giriş Gücü Input Power (W)	Nominal Akım Nom. Current (A)
ADC-CR 90/24	10	1500	87	0,85	34,6	9,8	95	2,40
ADC-CR 130/24	10	3000	153	1,50	15,2	5,7	120	4,80
ADC-CR 200/24	10	3000	214	2,09	21,3	6,0	190	7,20
ADC-CR 500/24	30	3000	500	5,54	56,2	14,6	270	11,30
ADC-CR 1500/24	40	3000	1655	16,23	164,5	33,6	530	22,00

12V -DC

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications					Elektriksel Özellikler / Electrical Specifications	
Model Type	Gövde Size	Devir rpm	Santrüfuj Centrifugal Force (Kg/F)	Kuvveti (kN)	(*)Statik Moment Statical Moment (Kgmm)	Ağırlık Weight (Kg)	Giriş Gücü Input Power (W)	Nominal Akım Nom. Current (A)
ADC-CR 90/12	10	1500	87	0,85	34,6	9,8	95	7,00
ADC-CR 130/12	10	3000	153	1,50	15,2	5,7	120	8,00
ADC-CR 200/12	10	3000	214	2,09	21,3	6,0	190	16,00

(*) Working moment = 2x static moment



ADC -12 V. - 24 V. / 1500 - 3000 rpm

TP TC 012/2011

II 2GD Ex tb IIC (T 120 OC) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
			A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
ADC 90/24	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC 130/24	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC 200/24	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC 500/24	30	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
ADC 1500/24	40	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5

Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
			A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
ADC 90/12	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC 130/12	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC 200/12	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5

ADC/CR -12 V. - 24 V. / 1500 - 3000 rpm

Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
			A	B	C	D	E	ØF	R	L					M	ØK	K ¹
ADC-CR 90/24	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC-CR 130/24	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC-CR 200/24	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
ADC-CR 500/24	30	A*	286	190	153	66,5	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
ADC-CR 1500/24	40	B	363	210	188	87,5	228,5	183	220	120	170	17	4	-	26	37	107,5

Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)																	
			A	B	C	D	E	ØF	R	L				M	ØK	K ¹	G	S	N	
ADC-CR 90/12	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74				106	8,75	4	14,5	17	22	59,5
ADC-CR 130/12	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74				106	8,75	4	14,5	17	22	59,5
ADC-CR 200/12	10	A	235	123,5	108	63,5	151,5	107	132,5	62÷74				106	8,75	4	14,5	17	22	59,5

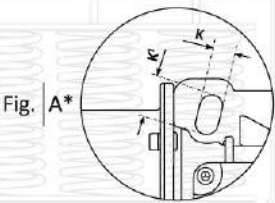


Fig. A

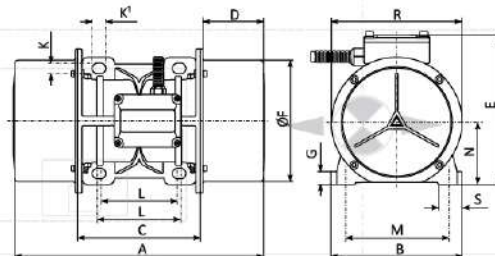
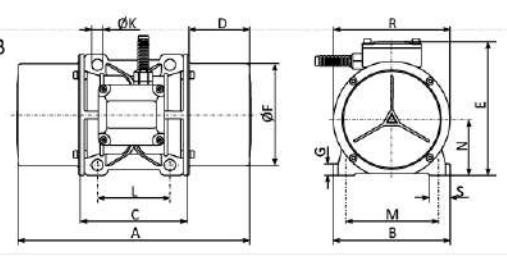


Fig. B



2 poles 3000 rpm-50 Hz / 3600 rpm - 60 Hz

TP TC 012/2011
II 2GD Ex tb IIIC (T 120 °C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

	Model Type	Gövde Size	Üst Ağırlık Santrüf. Kuvveti Top Weight Centrifugal Force (Kg/F)		Alt Ağırlık Santrüf. Kuvveti Bottom Weight Centrifugal Force (Kg/F)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current		IA / INnt (A)	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz
three-phase	AFV 65/3	10	30	43	30	43	5,0	5,0	120	120	0,27	0,23	3,43	3,90
	AFV 200/3	10	108	111	78	111	7,8	7,5	180	180	0,35	0,30	2,68	3,00
	AFV 300/3	20	153	149	104	149	11,5	11,2	260	270	0,60	0,50	3,47	4,20
	AFV 500/3	30	253	232	165	232	16,0	15,0	450	500	0,80	0,75	4,21	4,80
	AFV 650/3	30	390	375	255	234	18,0	17,3	450	500	0,80	0,75	4,21	4,80
	AFV 800/3	40	395	378	262	378	18,5	17,5	650	685	1,10	1,00	3,83	6,00
	AFV 1100/3	40	592	565	592	565	28,0	27,0	940	1130	1,70	1,60	6,79	7,00
single-phase	AFV-M 65/3	10	40	39	40	39	7,0	6,5	110	110	0,56	1,52	2,24	2,24
	AFV-M 200/3	10	105	108	73	108	15,0	14,3	165	165	0,75	1,52	1,67	2,24
	AFV-M 300/3	20	206	205	141	205	21,0	20,1	280	280	1,25	2,40	2,48	3,52
	AFV-M 500/3	30	278	298	206	298	22,0	20,6	500	500	2,30	4,50	3,35	4,22
	AFV-M 650/3	30	361	381	264	381	27,0	25,5	500	500	2,30	4,50	3,35	4,22
	AFV-M 800/3	40	525	490	525	490	38,0	33,0	700	750	3,25	7,00	4,00	4,14

4 poles 1500 rpm-50 Hz / 1800 rpm - 60 Hz

	Model Type	Gövde Size	Üst Ağırlık Top Weight (Kg)		Alt Ağırlık Bottom Weight (KF)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current		IA / INnt (A)	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz
three-phase	AFV 80/15	10	40	39	40	39	7,0	6,5	85	95	0,33	0,33	1,78	1,95
	AFV 200/15	20	105	108	73	108	15,0	14,3	170	170	0,24	0,20	2,34	2,75
	AFV 400/15	30	206	205	141	205	21,0	20,1	300	350	0,41	0,40	3,33	3,50
	AFV 550/15	30	278	298	206	298	22,0	20,6	300	350	0,60	0,60	3,33	3,50
	AFV 700/15	40	361	381	264	381	27,0	25,5	525	665	0,60	0,60	3,48	3,43
	AFV 1100/15	40	525	490	525	490	38,0	33,0	900	1050	1,45	1,50	4,10	4,20
	AFV 1710/15	50	895	321	878	354	45,5	42,5	1100	1200	1,45	1,50	4,29	4,89
	AFV 2000/15	50	1020	358	1020	392	47,0	46,5	1350	1450	2,00	1,90	4,30	4,90
single-phase	AFV-M 80/15	10	40	39	40	39	7,0	6,5	90	100	0,43	1,00	1,20	1,30
	AFV-M 200/15	20	105	108	73	108	15,0	14,3	210	230	1,00	2,00	1,50	1,85
	AFV-M 400/15	30	206	205	141	205	21,0	20,1	240	320	1,20	2,80	2,50	2,50
	AFV-M 550/15	30	278	298	206	298	22,0	20,6	240	320	1,20	2,80	2,50	2,50
	AFV-M 700/15	40	361	381	264	381	27,0	25,5	450	550	2,15	5,15	5,44	3,63

(*) Working moment = 2x static moment

la / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V

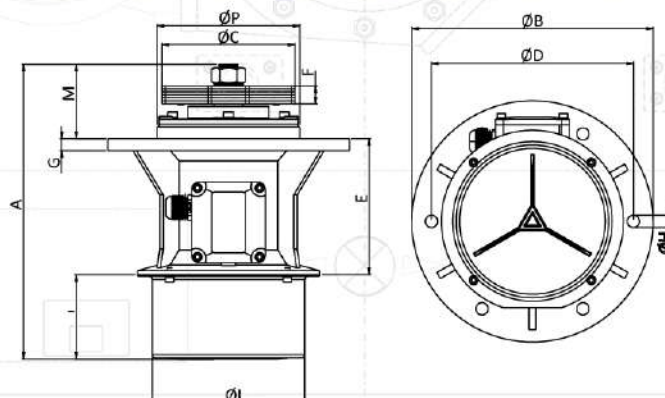


2 poles 3000 rpm-50 Hz / 3600 rpm - 60 Hz

	Model Type	Gövde Size	A	ØB	ØC	ØD	ØH	N	E	F	G	QI	L	M	ØP	KABLO REKORU
three-phase	AFV 65/3	10	221.5	211	93.5	188	12.5	4	98	6	10	65	107	60.5	98	PG 11
	AFV 200/3	10	221.5	211	93.5	188	12.5	4	98	21	10	65	107	60.5	98	PG 11
	AFV 300/3	20	265.5	215	120	188	12.5	4	129	15	12	79	128	67.5	120	PG 11
	AFV 500/3	30	281.5	245	135	205	12.5	6	138	18	12	68	155	75.5	145	PG 11
	AFV 650/3	30	281.5	245	135	205	12.5	6	138	27	12	68	155	75.5	145	PG 11
	AFV 800/3	40	387	290	147.5	250	16.5	6	176	20	12	102.5	244	96	170	M20X1,5
	AFV 1100/3	40	406	290	169	250	16.5	6	176	20	12	102.5	244	115	170	M20X1,5
single-phase	AFV-M 65/3	10	221.5	211	93.5	188	12.5	4	98	6	10	65	107	60.5	98	PG 11
	AFV-M 200/3	10	221.5	215	93.5	188	12.5	4	98	21	10	65	107	60.5	98	PG 11
	AFV-M 300/3	20	265.5	245	120	188	12.5	4	129	15	12	79	128	67.5	120	PG 11
	AFV-M 500/3	30	281.5	245	135	205	12.5	6	138	18	12	68	155	75.5	145	PG 11
	AFV-M 650/3	30	281.5	290	135	205	12.5	6	138	27	12	68	155	75.5	145	PG 11
	AFV-M 800/3	40	387	290	147.5	250	16.5	6	176	20	12	102.5	244	96	170	M20X1,5
	AFV-M 1100/3	40	406	290	169	250	16.5	6	176	20	12	102.5	244	115	170	M20X1,5

4 poles 1500 rpm-50 Hz / 1800 rpm - 60 Hz

	Model Type	Gövde Size	A	ØB	ØC	ØD	ØH	N	E	F	G	QI	L	M	ØP	KABLO REKORU
three-phase	AFV 80/15	10	232.5	211	93.5	188	12.5	4	98	33	10	65	107	71.5	98	PG 11
	AFV 200/15	20	288	215	120	188	12.5	4	129	42	12	79	128	80	120	PG 11
	AFV 400/15	30	305.5	245	148	188	12.5	6	138	42	12	86	155	81.5	145	PG 11
	AFV 550/15	30	322	245	148	205	12.5	6	138	57	12	86	155	98	145	PG 11
	AFV 700/15	40	406	290	158	205	16.5	6	176	60	12	102.5	244	115	170	M20X1,5
	AFV 1100/15	40	406	290	178	250	16.5	6	176	60	12	102.5	244	115	170	M20X1,5
	AFV 1710/15	50	485.5	290	203	250	16.5	6	214	70	12	129	284	132.5	180	M20X1,5
	AFV 2000/15	50	485.5	290	203	250	16.5	6	214	80	12	129	284	132.5	180	M20X1,5
single-phase	AFV-M 80/15	10	232.5	211	93.5	188	12.5	4	98	33	10	65	107	71.5	98	PG 11
	AFV-M 200/15	20	288	215	120	188	12.5	4	129	42	12	79	128	80	120	PG 11
	AFV-M 400/15	30	305.5	245	148	188	12.5	6	138	42	12	86	155	81.5	145	PG 11
	AFV-M 550/15	30	322	245	148	205	12.5	6	138	57	12	86	155	98	145	PG 11
	AFV-M 700/15	40	406	290	158	205	16.5	6	176	60	12	102.5	244	115	170	M20X1,5



AFV 2 poles 3000 rpm-50 Hz / 3600 rpm - 60 Hz

TP TC 012/2011
II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 0C / +50 0C)

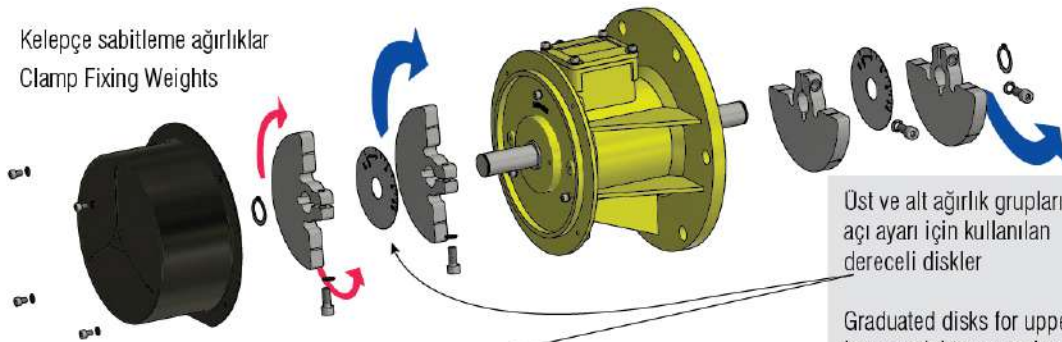
	Model Type	Gövde Size	Üst Ağırlık Santrüf Kuvveti Top Weight Centrifugal Force (Kg/F)		Alt Ağırlık Santrüf Kuvveti Bottom Weight Centrifugal Force (Kg/F)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current		IA / INnt (A)	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
three-phase	AFV 65/3	10	30	43	30	43	5,0	5,0	120	120	0,27	0,23	3,43	3,90
	AFV 200/3	10	108	111	78	111	7,8	7,5	180	180	0,35	0,30	2,68	3,00
	AFV 300/3	20	153	149	104	149	11,5	11,2	260	270	0,60	0,50	3,47	4,20
	AFV 500/3	30	253	232	165	232	16,0	15,0	450	500	0,80	0,75	4,21	4,80
	AFV 650/3	30	390	375	255	234	18,0	17,3	450	500	0,80	0,75	4,21	4,80
	AFV 800/3	40	395	378	262	378	18,5	17,5	650	685	1,10	1,00	3,83	6,00
	AFV 1100/3	40	592	565	592	565	28,0	27,0	940	1130	1,70	1,60	6,79	7,00

4 poles 1500 rpm-50 Hz / 1800 rpm - 60 Hz

	Model Type	Gövde Size	Üst Ağırlık Santrüf Kuvveti Top Weight Centrifugal Force (Kg/F)		Alt Ağırlık Santrüf Kuvveti Bottom Weight Centrifugal Force (Kg/F)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current		IA / INnt (A)	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	220V 50Hz	115V 60Hz
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
three-phase	AFV 80/15	10	40	39	40	39	7,0	6,5	85	95	0,33	0,33	1,78	1,95
	AFV 200/15	20	105	108	73	108	15,0	14,3	170	170	0,24	0,20	2,34	2,75
	AFV 400/15	30	206	205	141	205	21,0	20,1	300	350	0,41	0,40	3,33	3,50
	AFV 550/15	30	278	298	206	298	22,0	20,6	300	350	0,60	0,60	3,33	3,50
	AFV 700/15	40	361	381	264	381	27,0	25,5	525	665	0,60	0,60	3,48	3,43
	AFV 1100/15	40	525	490	525	490	38,0	33,0	900	1050	1,45	1,50	4,10	4,20
	AFV 1710/15	50	895	321	878	354	45,5	42,5	1100	1200	1,45	1,50	4,29	4,89
	AFV 2000/15	50	1020	358	1020	392	47,0	46,5	1350	1450	2,00	1,90	4,30	4,90

Ağırlıkların Ayarlanması | Weight adjustment

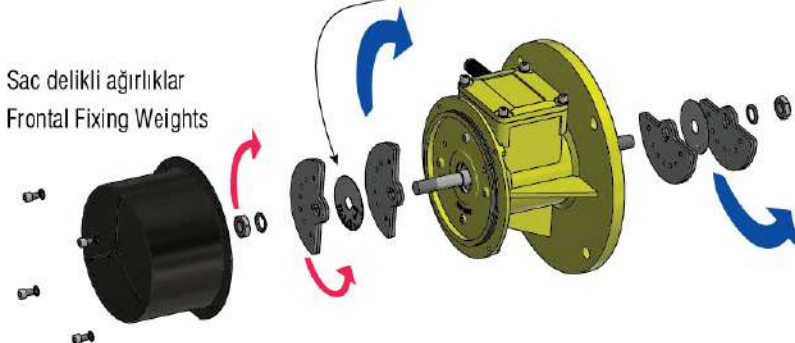
Kelepçe sabitleme ağırlıklar
Clamp Fixing Weights



Üst ve alt ağırlık gruplarının
açı ayarı için kullanılan
dereceli diskler

Graduated disks for upper and
lower weight group phase shift

Sac delikli ağırlıklar
Frontal Fixing Weights



Üst ve alt ağırlık grupları arasındaki
düzenleme
Regulation between upper and
lower weight group

Tek ağırlığın değiştirilmesi
Single weight phase shift



AFV 2 poles 3000 rpm-50 Hz / 3600 rpm - 60 Hz

	Model Type	Gövde Size	A	ØB	ØC	ØD	ØH	N	E	F	G	QI	L	M	ØP	KABLO REKORU
three-phase	AFV 65/3	10	221.5	211	93.5	188	12.5	4	98	6	10	65	107	60.5	98	PG 11
	AFV 200/3	10	221.5	211	93.5	188	12.5	4	98	21	10	65	107	60.5	98	PG 11
	AFV 300/3	20	265.5	215	120	188	12.5	4	129	15	12	79	128	67.5	120	PG 11
	AFV 500/3	30	281.5	245	135	205	12.5	6	138	18	12	68	155	75.5	145	PG 11
	AFV 650/3	30	281.5	245	135	205	12.5	6	138	27	12	68	155	75.5	145	PG 11
	AFV 800/3	40	387	290	147.5	250	16.5	6	176	20	12	102.5	244	96	170	M20X1,5
	AFV 1100/3	40	406	290	169	250	16.5	6	176	20	12	102.5	244	115	170	M20X1,5

4 poles 1500 rpm-50 Hz / 1800 rpm - 60 Hz

	Model Type	Gövde Size	A	ØB	ØC	ØD	ØH	N	E	F	G	QI	L	M	ØP	KABLO REKORU
three-phase	AFV 80/15	10	232.5	211	93.5	188	12.5	4	98	33	10	65	107	71.5	98	PG 11
	AFV 200/15	20	288	215	120	188	12.5	4	129	42	12	79	128	80	120	PG 11
	AFV 400/15	30	305.5	245	148	188	12.5	6	138	42	12	86	155	81.5	145	PG 11
	AFV 550/15	30	322	245	148	205	12.5	6	138	57	12	86	155	98	145	PG 11
	AFV 700/15	40	406	290	158	205	16.5	6	176	60	12	102.5	244	115	170	M20X1,5
	AFV 1100/15	40	406	290	178	250	16.5	6	176	60	12	102.5	244	115	170	M20X1,5
	AFV 1710/15	50	485.5	290	203	250	16.5	6	214	70	12	129	284	132.5	180	M20X1,5
	AFV 2000/15	50	485.5	290	203	250	16.5	6	214	80	12	129	284	132.5	180	M20X1,5

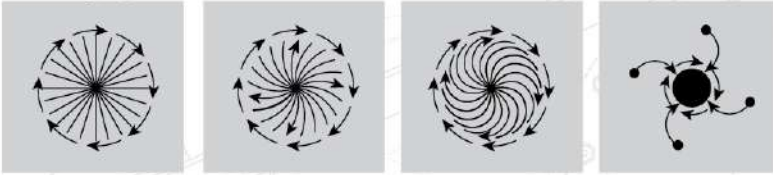
(*) Working moment = 2x static moment

la / ln = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V

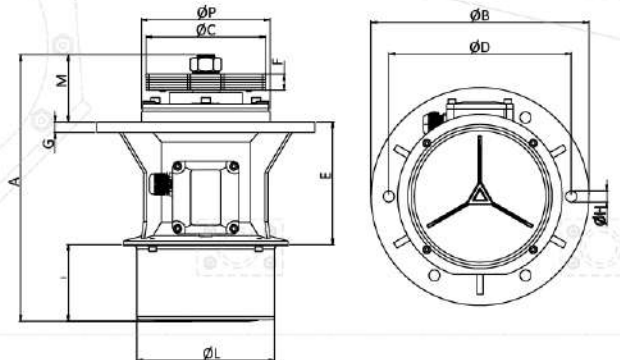
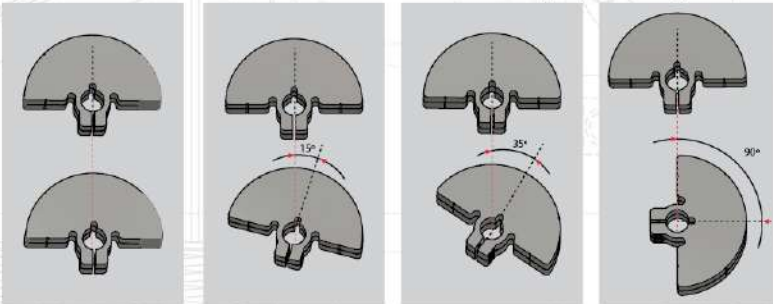
Kuvvet Çizgisi Yönü

Force line direction



Ağırlıkların Dereceli Düzenlenmesi

Mass group relative regulation



4 poles 1500 rpm-50 Hz / 1800 rpm - 50 Hz

II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

	Model Type	Gövde Size	Santrüf Kuvveti Centrifugal Force				Ağırlık Weight		Giriş Gücü Input Power		(**)Nominal Akım Nom. Current	
			(Kg/F)		(kN)							
			50 Hz	60 Hz	50 Hz	60 Hz	(Kg)		(W)		(A)	
three-phase	AFV 1510/15	50	1500	1500	14,7	14,7	45,5	44,5	1100	1200	2,10	2,00
	AFV 2500/15	60	2500	2500	24,5	24,5	69,0	68,0	2150	2700	3,90	4,10
	AFV 4500/15	80	4500	4500	44,1	44,1	109,0	108,0	4000	4200	6,70	5,80
	AFV-C 1510/15	60	1500	1500	14,7	14,7	55,5	55,5	1100	1200	2,10	2,00
	AFV-C 2500/15	60	2500	2500	24,5	24,5	78,0	77,0	2150	2700	3,90	4,10
	AFV-C 4500/15	80	4500	4500	44,1	44,1	115,0	115,0	4000	4200	6,70	5,80

(*) Working moment = 2x static moment

la / ln = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 115V





4 poles 1500 rpm-50 Hz / 1800 rpm - 50 Hz

	Model Type	FIG	A	ØB	ØC	ØD	ØH	N	E	F	G	I	L	M	KABLO REKORU
three-phase	AFV 1510/15	1	492	290	180	250	16.5	6	247	45	12	35	75	75	M20x1.5
	AFV 2500/15	1	535	350	200	305	21.5	6	284	48	20	40	75	75	M20x1.5
	AFV 4500/15	1	664	400	270	355	21.5	6	364	54	27	62	95	95	M25x1.5
	AFV-C 1510/15	2	492	350	260	305	21.5	6	159.5	132.5	27	35	75	75	M20x1.5
	AFV-C 2500/15	2	535	350	260	305	21.5	6	179.5	152.5	27	40	75	75	M20x1.5
	AFV-C 4500/15	2	664	400	310	355	21.5	6	224	194	30	62	95	95	M25x1.5

FIG - 1

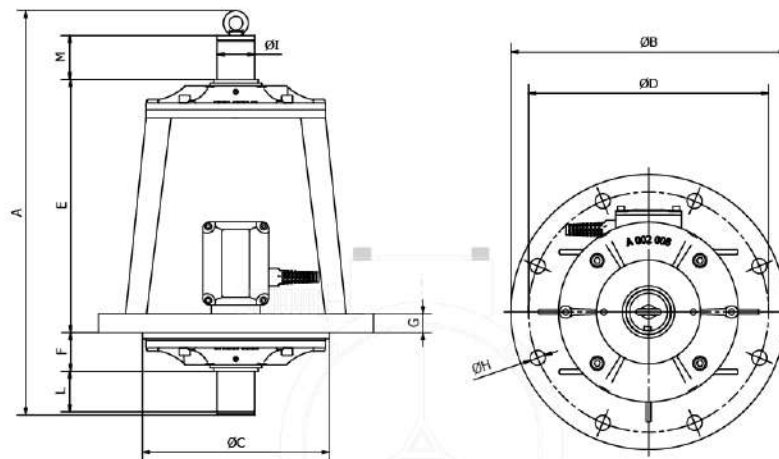
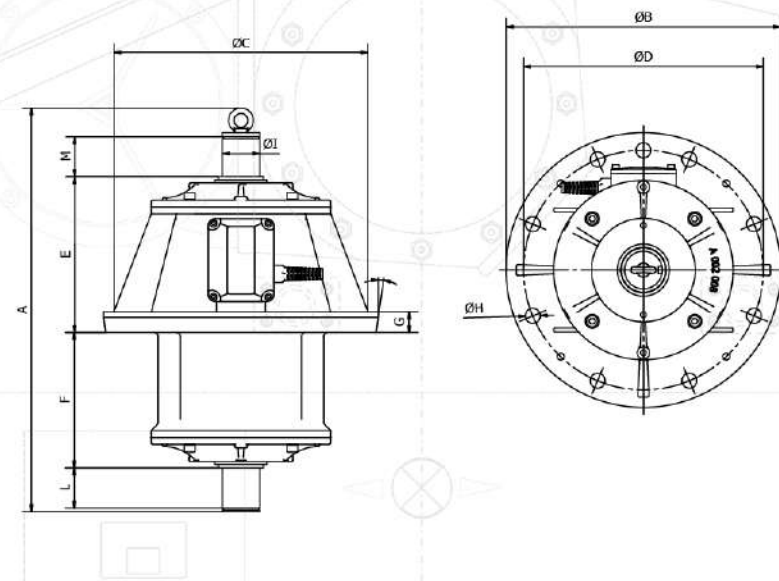


FIG - 2





Yüksek Frekanslı Kalıp Dış Vibratörleri

- > Prefabrik yapı elemanları Üreten fabrikaların tüm beton kalıpları.
- > Metro, Hızlı tren, Hes barajlarındaki tünellerin çelik beton kalıpları ve segment beton kalıpları.
- > Havalimanı, Stat ve Otoyol Şantiyelerinde, yerinde döküm yapılan tüm Çelik Prekast ve Konvansiyonel kalıplar için kullanılır.
- > Beton kalıpların dış yüzeyine bağlanan yüksek frekanslı elektrikli vibratör motorlarıdır.
- > Beton kalıplarında yumuşak betonun ayrışmaya (segregasyon) uğramadan Her türlü çelik beton kalıplarda, beton elemanın segregasyona uğramadan üretilmesini sağlar.
- > AVIBRO Vibrasyon Motorları katalog değerlerinin dışında farklı devirlerde, farklı pnömatik basıncında (frekanslarda) santrifuj güçlerinde özel vibratörler üretebilir. Böylece birbirinden farklı beton kalıplarında sertleşmemiş betonun yerleştirilmesi için optimum seçenekler sağlar.
- > AVIBRO vibrasyon motorlar GGG40 sfero dökme demirden gövdesiyle çok güçlüdür. Kırılmaz, aşınmaz bütünlükte yüksek mühendislik ile tasarlanmış ve imal edilmiştir.
- > AVIBRO vibrasyon motorları tam sızdırmazlık özelliğine sahiptir. Dış ortamın her türlü doğal ve mekanik etkileri olan aşırı sıcak yoğun buhar, basınçlı su ile yıkanması ve şantiyelerde oluşan yoğun toz ve benzeri olumsuz durumlara karşı tam izoledir.
- > AVIBRO vibrasyon motorları NJ serisi ağır hizmet rulmanları kullanmaktadır. İlk montaj kullanılan gres yağı sonrasında yağlamaya gerek olmayacak şekilde izole edilmiştir.
- > Beton kalıplarında yer değiştirme veya taşıma için fiber kord taşıma askısıyla (opsiyonel) iş güvenliği ve kolaylık sağlar.

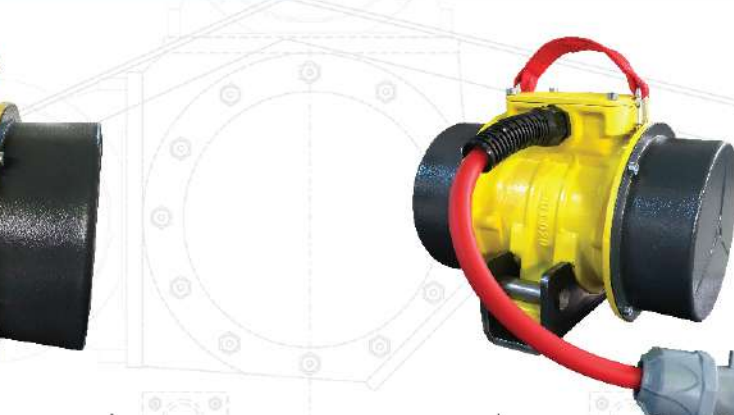


High Frequency External Vibration Motors for Moulds

- > All concrete molds of the factories that produce prefabricated building elements.
- > Steel concrete formworks and segment concrete formworks of the tunnels in the subway, high speed train, hydroelectric power plants dams.
- > It is used for all steel precast and conventional formworks cast on site at airport, Stadium and highway construction sites.
- > High frequency electric vibrator motors connected to the outer surface of concrete molds.
- > It provides the production of the concrete element without any segregation in all kinds of steel concrete molds without the segregation.
- > AVIBRO Vibration Motors can produce special vibrators at different speeds, different pneumatic pressures (frequencies) and centrifugal forces other than catalog values. Thus, it provides optimum options for placing uncured concrete in different concrete molds.
- > AVIBRO vibration motors are very strong with GGG40 ductile cast iron body. It is designed and manufactured with high engineering in unbreakable, wear-free integrity.
- > AVIBRO vibration motors have full sealing properties. It is fully insulated against excessive hot dense steam, pressurized water with all kinds of natural and mechanical effects of the external environment, and intense dust and similar adverse conditions occurring at the construction sites.
- > AVIBRO vibration motors use NJ series heavy duty bearings. After the first assembly, the grease used is isolated so that no lubrication is required.
- > It provides safety and convenience with fiber cord carrying strap (optional) for displacement or transport in concrete molds.



KP Konvertör Makine Prizi
Socket ext. Mounting



VM Vibratör Mesnede
Quick Release Clamp



SP Seyyar Priz
Coupler Socket



VF Vibratör Fişi
Plug

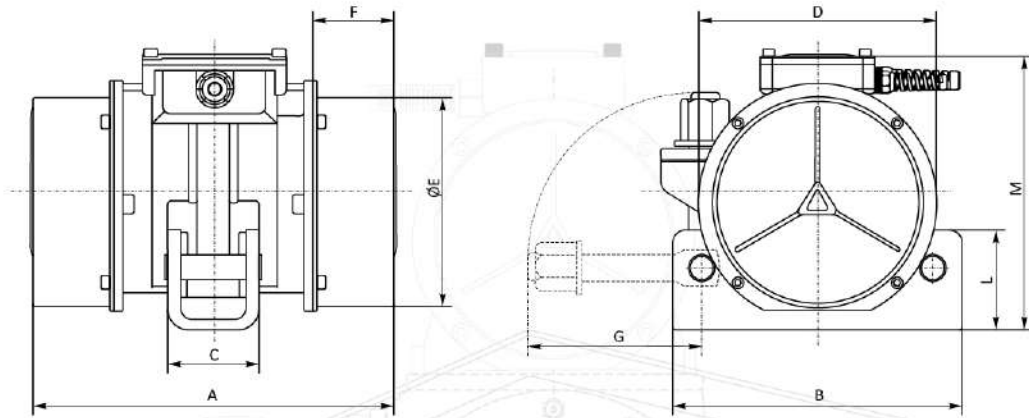




	Model Type	Gerilim Voltage (V)	Faz Phase	Frekans Frequency (Hz)	Akım Current (A)	Giriş Gücü Input Power (W)	Devir rpm	(*)Statik Moment Statical Moment (m ³) (Kgmm)	Santrüfuj Kuvveti Centrifugal Force		Ağırlık Weight (Kg)
									(Kg)	(KN)	
three-phase	APV 2600/12	42 / 55	3	200	15	900	12000	16,20	2.607	25,575	21
	APV 1800/9	42 / 55	3	150	14	900	9000	19,93	1.805	17,707	20
	APV 1200/6	42 / 55	3	200	15	950	6000	27,98	1.126	11,046	19,5
	APV 2200/9	42 / 55	3	150	23	1750	9000	23,19	2.100	20,601	22,5
	APV 1550/6	42 / 55	3	200	20	1500	6000	38,52	1.550	15,206	20

(*) Working moment = 2x static moment

Model Type		Gövde Ölçüleri - Overall Dimensions (mm)								
		A	B	C	D	ØE	F	G	L	M
APV	Gövde Size	301	240,5	75	200	172,5	66,5	145	83	226





PV-A 50 Hz - 3000 rpm / 200 Hz 6000 rpm

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications				Elektriksel Özellikler / Electrical Specifications				
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force		(*) Statik Moment Statical Moment (m')		Giriş Gücü Input Power	Nominal Akım Nom. Current	Gerilim Voltage	Frekans Frequency	Devir rpm
		(Kg/F)	(kN)	(Kgmm)	(Kg)					
PV-A 400/42	20	392	3,84	9,7	8,3	400	8,7	42-55~	200	6000
PV-A 400/230	20	311	3,05	30,9	8,3	400	113,6	230~	50	3000
PV-A 400/400	20	387	3,79	38,4	8,3	400	1,1	400~	50	3000
PV-A 400/115	20	374	3,66	9,2	8,3	400	3,4	115~	200	6000

(*) Working moment = 2x static moment



Değişken Frekanslı Vibrasyon Motorları

> PV-A serisi ürünler özellikle brüt beton uygulamaları için beton; Plywood ve çelik kalıplarda, perde beton, viyadükler ve benzeri demir donatısının yoğun olduğu yumuşak betonun ayrışmaya, (segregasyon) uğramadan sıkıştırılması için geliştirilmiş ideal bir vibrasyon motorudur.

- > PV-A serisi vibrasyon motorları,
- Bina Tünel kalıplarında
- Kolon, viyadük ve perde beton kalıplarında
- Üst yapı ve alt yapıda, beton boru kalıplarında
- Vibrasyon masalarında

Tüm yoğun donatılı ahşap ve çelik beton kalıplarında güvenilir, uzun ömürlü, rahat ve problemsiz taze betonun sıkıştırılması için kullanılır.



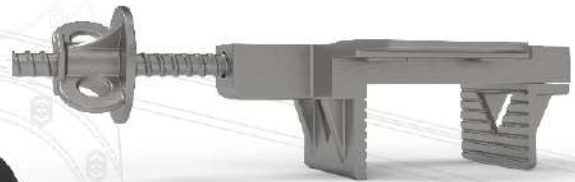
Variable Frequency Vibration Motors

> PV-A series products are especially for gross concrete applications; It is an ideal vibration motor developed for the compression of soft concrete in which plywood and steel molds, curtain concrete, viaducts and similar iron reinforcement is dense without segregation.

- > PV-A series vibration motors,
- Building tunnel formworks,
- Column, viaduct and curtain concrete molds,
- Superstructure and infrastructure,
- In concrete pipe molds,
- On vibration tables,
- All densely reinforced wooden and steel concrete molds,

It is used for compacting fresh, reliable, long-lasting, comfortable and problem-free concrete.

PVA-400 : H20P



- * Doka : Framax X Life, Alu Framax X Life
- * Peri : Trio
- * Meva : Star Tec, Mammut
- * Noe : Noe Top

PVA-500 : LOGICA

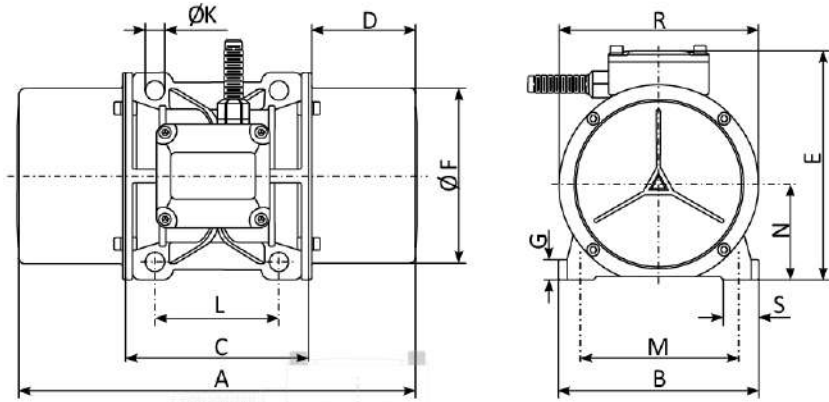


- * Doka : H 20, Top 50, Ff 20
- * Peri : VT 20K, GT 24, VARIO GT 24
- * Hünnebeck : H 20, R 24, GF 24, ES 24
- * Meva : H 20
- * Noe : H 20
- * Paschal : H 20

PV-A 50 Hz - 3000 rpm / 200 Hz 6000 rpm

Model Type		Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK	K ¹	G	S	N	
three phase	PV-A 400/42	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5
	PV-A 400/230	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5
	PV-A 400/400	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5
	PV-A 400/115	20	B	289	150,5	134	77,5	172	128	150	90	125	13,5	4	—	14	27	71,5

Fig. B

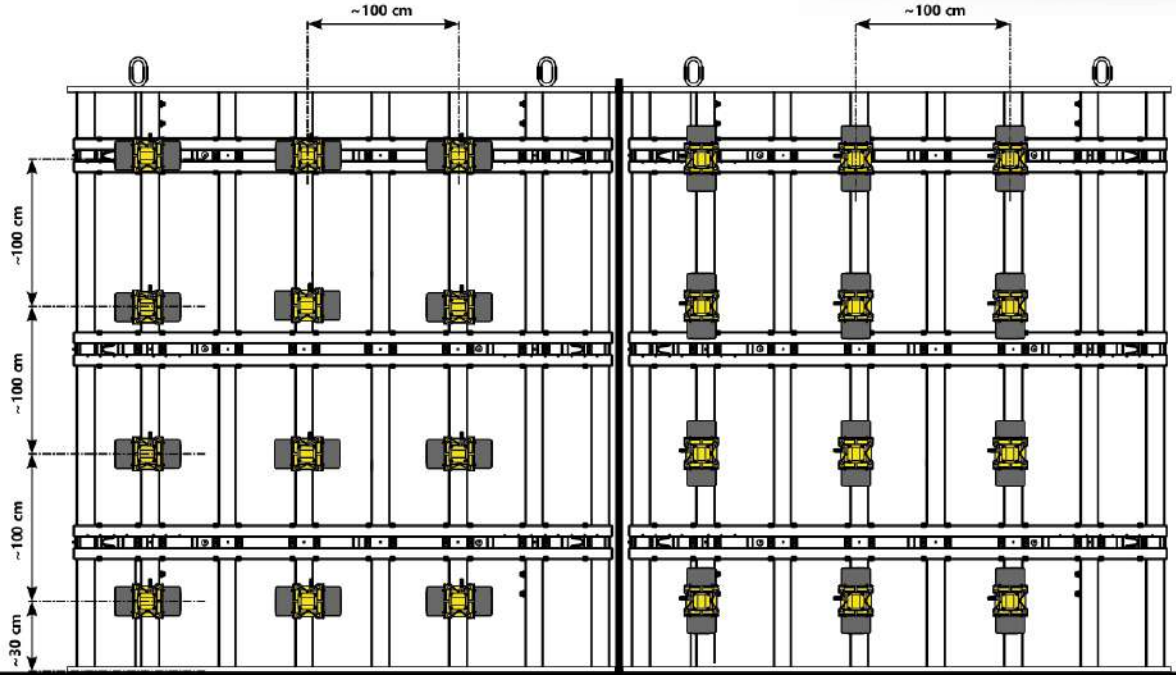


PV-AF

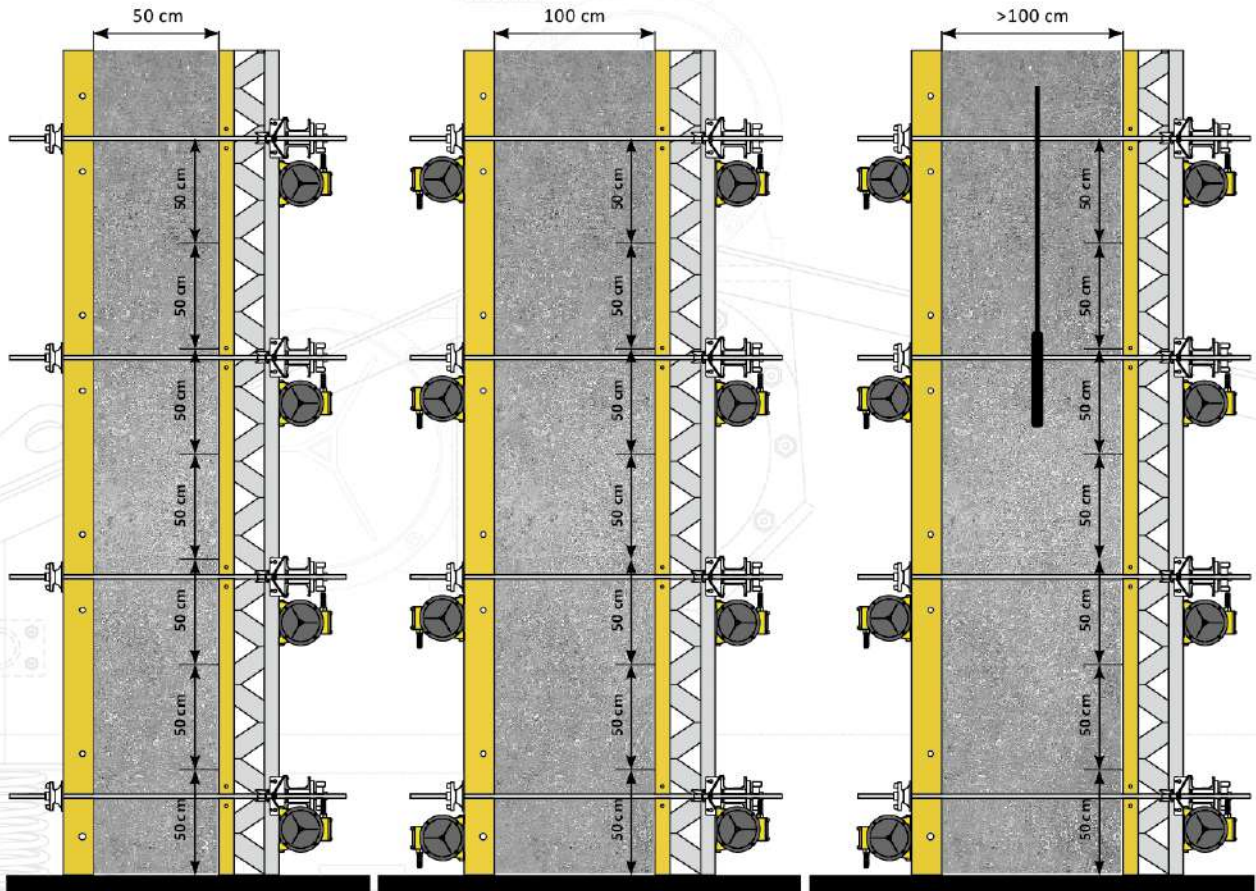
Elektronik Frekans Konvertörleri | Variable Electronical Frequency Converters

	Model Type	Çalışma Voltajı Operating Voltage	Şebeke Akımı Current Input	Çıkış Voltajı Voltage Output	Çıkış Akımı Current Output	Priz Sayısı Number Of Sockets
three-phase	PV-AF 55/4	380-400V / 50 Hz	6 Amp.	42-55 V	55 Amp.	4
	PV-AF 80/6	380-400V / 50 Hz	9 Amp.	42-55 V	80 Amp.	6
	PV-AF 110/8	380-400V / 50 Hz	16 Amp.	42-55 V	110 Amp.	8
	PV-AF 130/10	380-400V / 50 Hz	20 Amp.	42-55 V	130 Amp.	10





Şekil 1: Plywood Ahşap ve Çelik beton kalıplarına sistematik vibrasyon motoru yerleştirme
Example 1: Placement of vibrations on wooden concrete moulds



Şekil 3: PV-A serisi vibrasyon motorunun etkili sıkıştırma derinliği.
Example 3: Placement of vibrations and efficient depth of compacting.

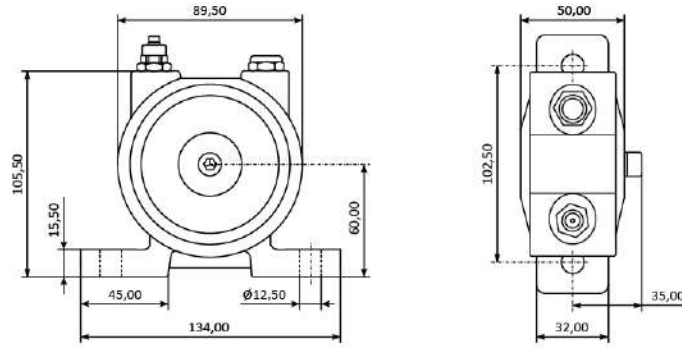


Rotary Bilyalı Pnömatik Vibrasyon Motorları AP Rotary Ball Pneumatic Vibrations Motors

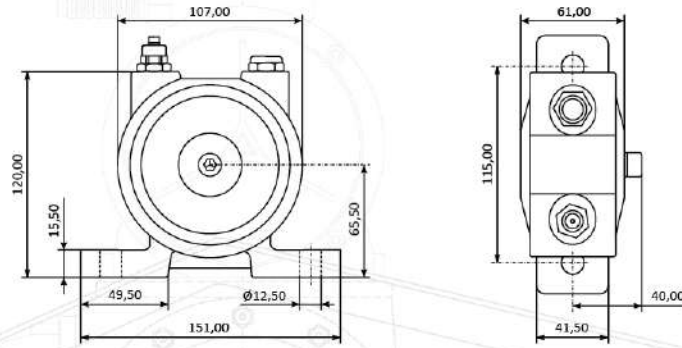
TP TC 012/2011
II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Model Type		Devir - Santrüfuj Kuvveti - Hava Tüketimi Rotations Per Munite - Centrifugal Force - Air Consumption															Ağırlık Weight
		4 bar			5 bar			6 bar			7 bar			8 bar			
		rpm	S.K C.F	Hava Cons.	rpm	S.K C.F	Hava Cons.	rpm	S.K C.F	Hava Cons.	rpm	S.K C.F	Hava Cons.	rpm	S.K C.F	Hava Cons.	
		(rpm)	(kg/f)	(m³/1')	(rpm)	(kg/f)	(m³/1')	(rpm)	(kg/f)	(m³/1')	(rpm)	(kg/f)	(m³/1')	(rpm)	(kg/f)	(m³/1')	
	AP 25	6600	71	0,4	7200	87	0,54	7900	102	0,64	8500	121	0,71	9000	136	0,86	2,0
	AP 35	4000	76	0,53	4500	96	0,64	5100	126	0,73	5600	157	0,86	6000	175	1,00	3,1

AP 25



AP 35





Yüksek Frekanslı Pnömatik Kalıp Dış Vibratörleri

- > Prefabrik yapı elemanları üreten fabrikaların tüm beton kalıpları.
 - > Metro, Hızlı tren, Hes barajlarındaki tünellerin çelik beton kalıpları ve segment beton kalıpları.
 - > Havalimanı, Stat ve Otoyol Şantiyelerinde, yerinde döküm yapılan tüm Çelik Prekast ve Konvansiyonel kalıplar için kullanılır.
 - > Beton kalıpların dış yüzeyine bağlanan yüksek frekanslı pnömatik vibrasyon motorlarıdır.
 - > Beton kalıplarında yumuşak betonun ayrışmaya (segregasyon) uğramadan Her türlü çelik beton kalıplarda, beton elemanın segregasyona uğramadan üretilmesini sağlar.
 - > AVIBRO Vibrasyon Motorları katalog değerlerinin dışında farklı devirlerde, farklı pnömatik basıncında (frekanslarda) santrifuj güçlerinde özel vibratörler üretebilir.
- Böylece birbirinden farklı beton kalıplarında sertleşmemiş betonun yerleştirilmesi için optimum seçenekler sağlar.
- > AVIBRO vibrasyon motorları GGG40 sfero dökme demirden gövdesiyle çok güçlüdür. Kınılmaz, aşınmaz bütünlükte yüksek mühendislik ile tasarlanmıştır ve imal edilmiştir.



High Frequency External Vibration Motors for Moulds

- > All concrete molds of the factories that produce prefabricated building elements.
 - > Steel concrete formworks and segment concrete formworks of the tunnels in the subway, high speed train, hydroelectric power plants dams.
 - > It is used for all steel precast and conventional formworks cast on site at airport, Stadium and highway construction sites.
 - > High frequency pneumatic vibration motors connected to the outer surface of concrete molds.
 - > It provides the production of the concrete element without any segregation in all kinds of steel concrete molds without the segregation.
 - > AVIBRO Vibration Motors can produce special vibrators at different speeds, different pneumatic pressures (frequencies) and centrifugal forces other than catalog values.
- Thus, it provides optimum options for placing uncured concrete in different concrete molds.
- > AVIBRO vibration motors are very strong with GGG40 ductile cast iron body. It is designed and manufactured with high engineering in unbreakable, wear-free integrity.



VM

Vibratör Mesnedi
Quick Release Clamp



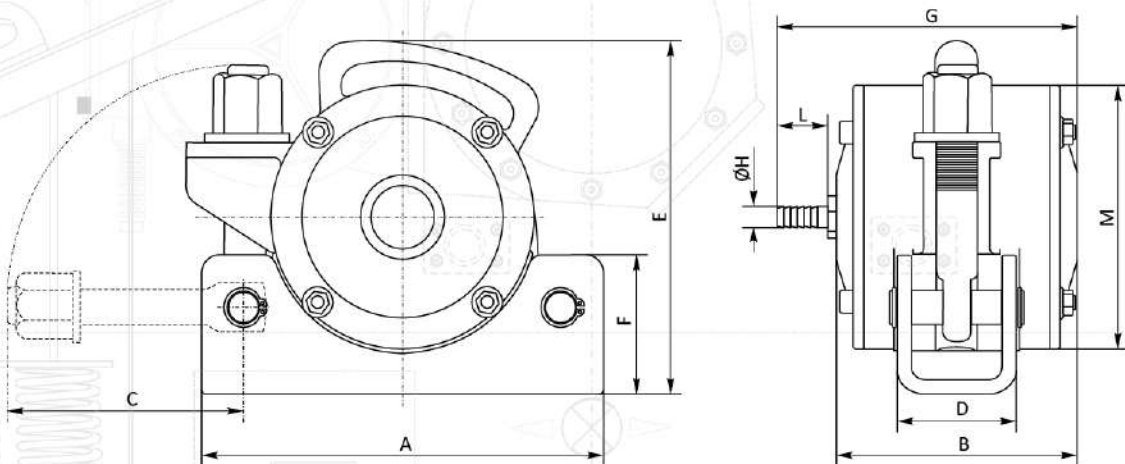


TP TC 012/2011

II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

Model Type	Gövde Size	Dış Çap Outer Diameter		Ağırlık Weight		Basıncılı Hava Compressed Air				(*) Merkezkaç Kuvveti / Frekans Centrifugal Power / Frequency				
		INCH	mm	LBS	Kg	PSI	BAR	CFM	m ³ /dk	Kgmm(m ³)	Kg/f	kN	Hz	VIBR.min
PVM106	10	55,11	140	28,8	13	71 100	4,9 6,9	35,31 40,61	1,00 1,15	11,43	923	9,055	150 180	8.500
PVM108	10	55,11	140	29,3	13,2	71 100	4,9 6,9	40,61 45,90	1,00 1,15	15,19	1.227	12,037	150 180	8.500
PVM110	10	55,11	140	29,7	13,4	71 100	4,9 6,9	45,90 51,20	1,00 1,15	18,99	1.534	15,049	150 180	8.500
PVM214	20	62,20	158	31,1	14,0	71 100	4,9 6,9	51,20 58,27	1,00 1,15	9,83	1.857	18,217	150 180	13.500
PVM216	20	62,20	158	32,0	14,4	71 100	4,9 6,9	56,50 63,56	1,00 1,15	17,29	3.267	32,049	150 180	13.500
PVM220	20	62,20	158	32,8	14,8	71 100	4,9 6,9	60,03 67,09	1,00 1,15	25,98	4.082	41,025	150 180	12.500
PVM224	20	62,20	158	33,7	15,2	71 100	4,9 6,9	63,93 71,45	1,00 1,15	39,44	6.349	62,285	150 180	12.500

Model Type		Gövde Ölçüleri - Overall Dimensions (mm)									
		A	B	C	D	E	F	G	L	ØH	M
PVM 10	Gövde Size	240,5	92	145	75	190	83	121,5	26	12,75	140
PVM 20	Gövde Size	240,5	144	145	75	211	83	175,5	26	12,75	158





Yüksek Frekanslı Elektronik Konvertörler

- > Akım korumasıyla yüksek ve düşük voltaj kısa devreye ve aşırı ısınmaya karşı sorunsuz tam koruma sağlar.
- > Mekanik konvertörlerdeki zorunlu bakım ve benzeri servis ihtiyacı yoktur, uzun yıllar sorunsuz çalışır.
- > Çok düşük ses düzeyinde çalışır, gürültü üretmez.
- > Alternatifsiz hafiflikte ve ergonomik yapıya sahiptir, çalışma sahasında kalıplar arasında hızlıca taşınabilir.
- > 0 - 200 Hz arasında isteğe bağlı farklı frekanslarda çalıştırılabilir, böylece beton kalıplarına gereksiz uygulanacak yüksek titreşimin önüne geçilmesiyle kalıpların ekonomik ömrünü uzatır.
- > Konvertörlerimiz belli noktalarda sabitlenerek enerji dağıtım panolarıyla kullanım avantajı sağlar.



Variable Electrical Frequency Converters

- > With its current protection, it provides complete protection against high and low voltage short circuit and overheating.
- > There is no need for mandatory maintenance and similar service in mechanical converters, it works for many years without any problems.
- > It operates at very low volume and does not produce any noise.
- > It is lightweight and ergonomic without any alternative, it can be quickly moved between the molds in the work area.
- > It can be operated at different frequencies between 0 and 200 Hz, so it extends the economic life of the molds by preventing unnecessary high vibration on concrete molds.
- > Our converters are fixed at certain points, providing the advantage of use with energy distribution panels.

KP

Konvertör Makine Prizi
Socket ext. Mounting



SP

Seyyar Priz
Coupler Socket



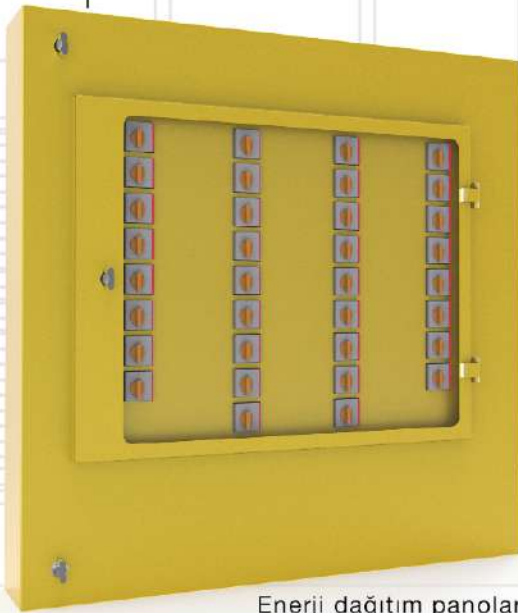
VF

Vibratör Fişi
Plug



EDP

Enerji Dağıtım Panoları
Energy Distribution Panels



Enerji dağıtım panoları hakkında detaylı bilgi için lütfen teknik kadromuzla temasa geçiniz.
For more detailed information about Energy distribution panels, please contact us.



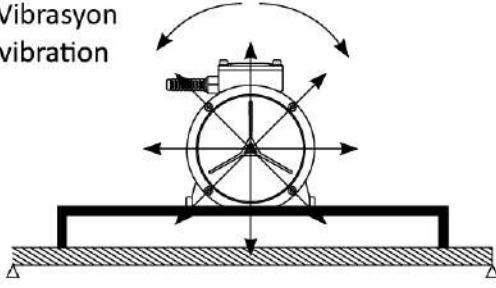
BFC - Elektronik Frekans Konvertörleri - Variable Electronical Frequency Converters

Model Type	Çalışma Voltajı Operating Voltage	Şebeke Akımı Current Input	Çıkış Voltajı Voltage Output	Çıkış Akımı Current Output	Priz Sayısı Number Of Sockets
BFC-M 45/1	220-230V / 50 Hz	3 Amp.	42-55 V	45 Amp.	1
BFC-T 45/1	380-400V / 50 Hz	3 Amp.	42-55 V	45 Amp.	1
BFC-M 60/2	220-230V / 50 Hz	5 Amp.	42-55 V	60 Amp.	2
BFC-T 60/2	380-400V / 50 Hz	5 Amp.	42-55 V	60 Amp.	2
BFC-M 60/3	220-230V / 50 Hz	5 Amp.	42-55 V	60 Amp.	3
BFC-T 60/3	380-400V / 50 Hz	5 Amp.	42-55 V	60 Amp.	3
BFC 120/4	380-400V / 50 Hz	12,5 Amp.	42-55 V	120 Amp.	4
BFC 180/6	380-400V / 50 Hz	17 Amp.	42-55 V	180 Amp.	6
BFC 220/8	380-400V / 50 Hz	25 Amp.	42-55 V	220 Amp.	8
BFC 250/10	380-400V / 50 Hz	32 Amp.	42-55 V	250 Amp.	10
BFC 300/12	380-400V / 50 Hz	36 Amp.	42-55 V	300 Amp.	12

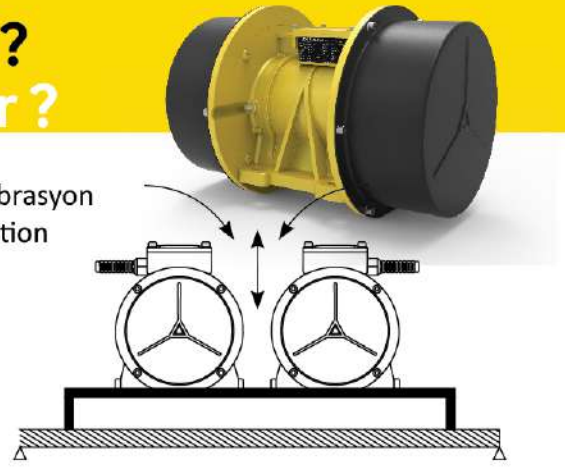
Vibrasyon motoru nasıl seçilir ?

How to choose vibration motor ?

Dağınsık Vibrasyon
Circular vibration



Doğrusal Vibrasyon
Linear vibration



Uygulamalar / Applications	Vibrasyon / Vibration		Devir / Rotation										rpm	Salınım Oscillation	
			50 Hz					60 Hz						S (mm)	
	Dağınık / Circular	Doğrusal / Linear	750	1000	1500	3000	6000	900	1200	1800	3600	min.		max.	
Taşıma / Conveying		x		x	x				x	x		3600	0,2	1,6	
Silo ağız boşaltma / Bin activators	x				x	x				x	x	3000	0,3	1,6	
Ayırma, Dizme, Ebatlama Separation, Screening, Sizing		x	x	x	x			x	x	x		1800	1,0	3,4	
Konumlandırma, Besleme Positioning, Feeding		x	x	x	x			x	x	x		1500	1,2	3,8	
Filtre temizleme / Filters cleaning	x					x					x	1200	1,6	4,2	
Silo, Bunker boşaltma Silos, Hoppers emptying	x	x			x	x				x	x	1000	2,4	7,5	
Akışkan Yataklar / Fluid beds		x			x	x				x	x	900	3,0	8,0	
Sıkıştırma / Compaction	x					x	x				x	750	2,6	9,0	



> KAPASİTE:

(50.000 kg/saat) / (1,7 Kg/dm³) = 29.411 dm³/saat

> KANAL KESİT ALANI:

8 dm X 3 dm = 24 dm²

Ürün akışı = Kanal kesit alanının yarısı = 12 dm²

> BESLENME HIZI:

(29.411 dm³/saat) / (12 dm²) = 2.450 dm/saat

2.450 dm/saat=245 m/saat=24.500 cm/saat=6,80cm/sn

> TOPLAM AĞIRLIK:

Kanal Ağırlığı= 650 Kg

2 Adet Vibratör Ağırlığı= 144 Kg

Ürün Ağırlığının %15'i = 103 Kg

> Toplam Ağırlık = Kanal + Vib. Ağırlıkları+%15 Ürün

> Toplam Ağırlık = 897 Kg

> GEREKLİ GÜÇ:

Toplam Ağırlık x 4 = 3.588 Kg

Vib. motoru başına düşen güç = 1.794 Kgf / Vib.Motoru



> CAPACITY:

(50.000 kg/h) / (1,7 Kg/dm³) = 29.411 dm³/h

> VESSEL SECTION AREA:

8 dm X 3 dm = 24 dm²

The flow of the goods = Half of vessel section area = 12 dm²

> SPEED OF THE FEEDING:

(29.411 dm³/h) / (12 dm²) = 2.450 dm/h

2.450 dm/h=245 m/h=24.500 cm/h=6,80cm/sec

> TOTAL WEIGHT:

Vessel Weight= 650 Kg

2 Units Vibrator Weight= 144 Kg

%15 of Good Weight = 103 Kg

> Total Weight = Vessel + Vib. Weights+%15 of Good Weight

> Total Weight = 897 Kg

> INTEGRAL POWER:

Total Weight x 4 = 23.588 Kg

Power for each vibrator = 1.794 Kgf / Vibrator

S = vibrasyon genliğı / amplitude of vibration - 0-max (mm)

n = vibrasyon motor adedi / number of vibration motors

m¹ = Çalışma momenti / working moment (kgcm)

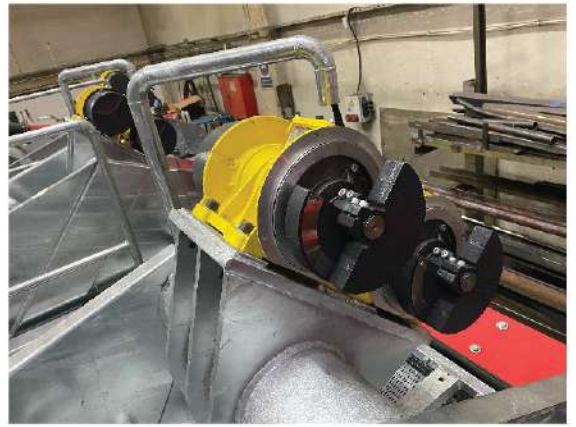
M_{mot} = motor kilosu / motor weight

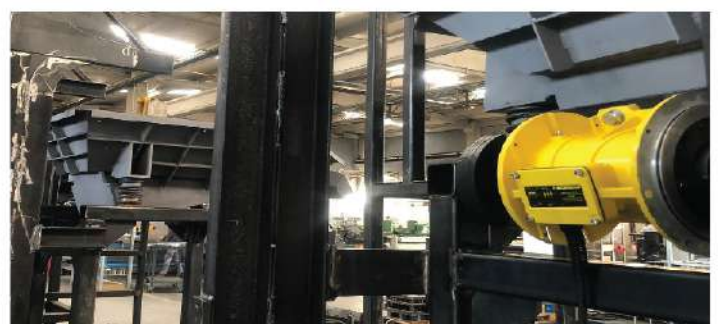
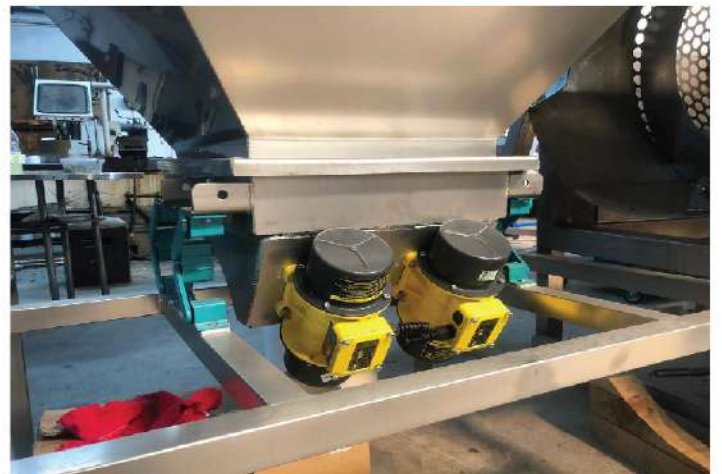
M_{vm} = makine ağırlığı (malzeme ve motorlar hariç)
vibration machine weight (without material and motors)

$$s = 5 \times \frac{n \times m^1}{n \times M_{mot} + M_{vm}}$$



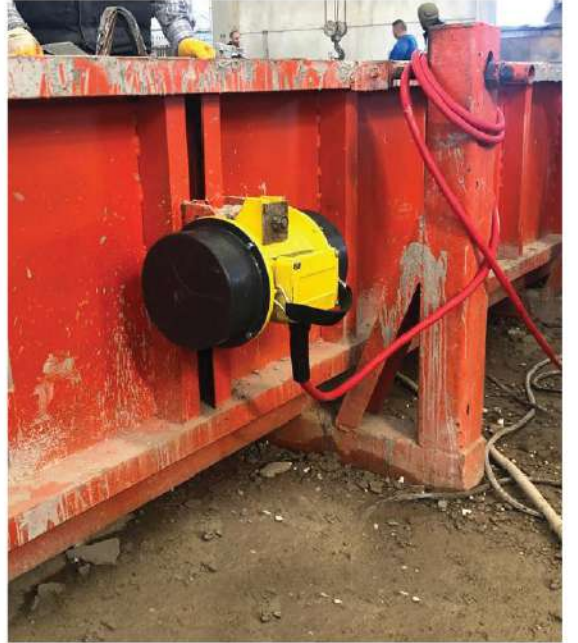












TÜRKİYE'NİN EN BÜYÜK VİBRASYON MOTORU SADECE AVIBRO'DA



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- AVIBRO Endüstriyel Vibrasyon Motorları
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AVIBRO Vibration Motors for Milling Industry
- AVIBRO Beton Kalıp Vibratörleri
AVIBRO High Frequency External Vibration Motors
- AVIBRO Pnömatik Vibrasyon Motorları
AVIBRO Pneumatic Vibration Motors
- AVIBRO Yüksek Frekanslı Konvertörler
AVIBRO Variable Electronical Frequency Converters
- AVIBRO Flanş Bağlantılı Vibrasyon Motorları
AVIBRO Electric Vibrators With Flange

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