www.avibro.com

EAC Ex CE

AVIBRO®

VİBRASYON MOTORLARI A.Ş.

www.avibro.com

Üstün Teknoloji, Yüksek Marka Kalitesi ve Dinamik İnsan Kaynağı ile Hizmet Veriyoruz...

We Serve with Superior Technology, High Brand Quality and Dynamic Human Resources ...

INDEX

HAKKIMIZDA

Uzun yıllar profesyonel olarak vibrasyon motoru üretiminde yer alan kurucumuz, 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 GGG40), 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 founder, who has been professionally in the production of vibration motors for many years, has created a new brand in Izmir under the name Avibro. Avibro vibration motors company 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 criteria 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 (sphero GGG40). Avibro 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.

SETİFİKALAR
CERTIFICATES


GCR CERT

CERTIFICATE

Attestation of Conformity

Uygunluk Beyanı

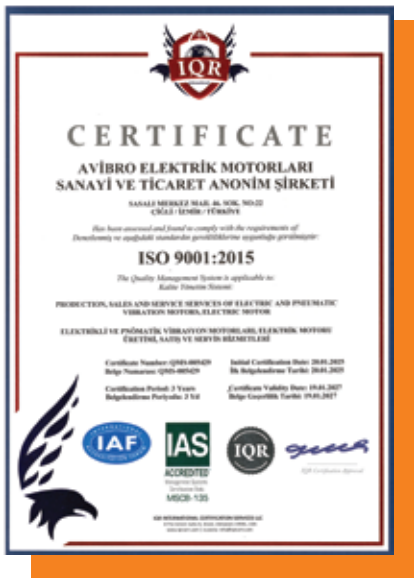
GCR/CERT 07.2023.2380


ЕВРАЗИЙСКИЙ ЭКОНОМИЧЕСКИЙ СОЮЗ

СЕРТИФИКАТ СООТВЕТСТВИЯ

EAC

ЕАЭС RU C-TR.АД07.В.05396/22


IQR

CERTIFICATE

AVİBRO ELEKTRİK MOTORLARI SANAYİ VE TİCARET ANONİM ŞİRKETİ

ISO 9001:2015

IAF IAS ACCREDITED MSCB-135 IQR

QMS-005429


IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

EU-Type Examination Certificate

IEP 23 ATEX 1173X


IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

EU TECHNICAL FILE RECEIPT

Internal Production Control Procedure

FN.EX.30021


IEP ENERGY PETROLEUM INSTITUTE IEP ATEX

EU-Type Examination Certificate

IEP 21 ATEX 01022


IQR

CERTIFICATE

AVİBRO ELEKTRİK MOTORLARI SANAYİ VE TİCARET ANONİM ŞİRKETİ

ISO 14001:2015

IAF IAS ACCREDITED MSCB-135 IQR

EMS-014434


IQR

CERTIFICATE

AVİBRO ELEKTRİK MOTORLARI SANAYİ VE TİCARET ANONİM ŞİRKETİ

ISO 45001:2018

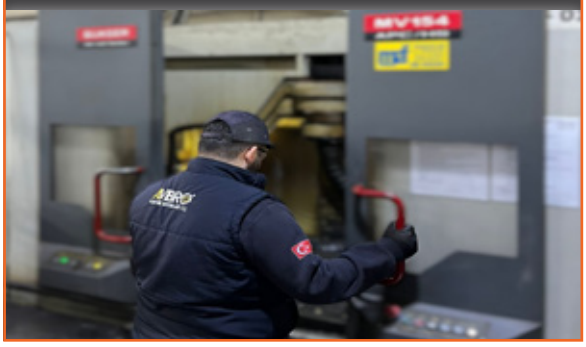
IAF IAS ACCREDITED MSCB-135 IQR

OHSMS-004452

ÜRETİM PROSESLERİ
MANUFACTURING PROCESSES

3D CAD TASARIM | 3D CAD DESIGN

DİK İŞLEME MERKEZİ | VERTICAL PROCESSING CENTER



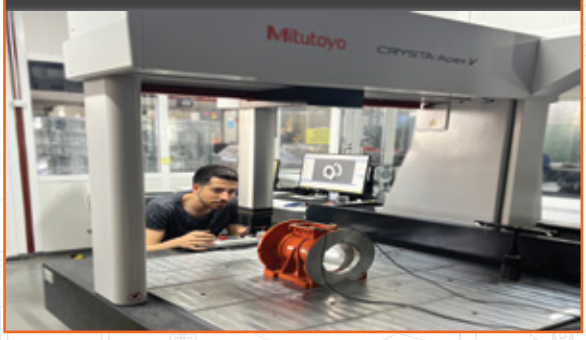
YATAY İŞLEME MERKEZİ | HORIZONTAL PROCESSING CENTER

CNC TORNALAMA | CNC TURNING

SAC SIVAMA PRESS | METAL SPINNING PRESS

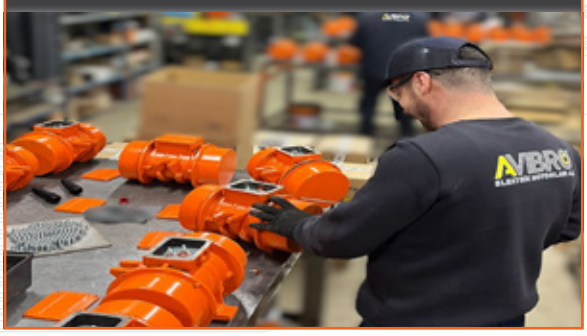
BOYAMA PROSESİ | COATING PROCESS

CMM ÖLÇÜM PROSESİ | CMM MEASUREMENT PROCESS



STATOR TEST PROSESİ | STATOR TEST PROCESS

MOTOR MONTAJ PROSESİ | MOTOR ASSEMBLY PROCESS



PAKETLEME VE SEVKİYAT | PACKAGE AND LOGISTIC

TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

Açıklama / Description			Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)				IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	Y 400V 50Hz	Y 460V 60Hz	▲ 220V 50Hz	▲ 115V 60Hz	50Hz	60Hz
three-phase	AVM 50/3	10	58	61	0,56	0,59	5,8	4,5	4,5	4,3	100	120	0,30	0,30	0,51	0,52	2,68	2,95
	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 5007/3	70A	5500	5505	53,95	53,94	504,0	422,6	98,0	99,0	5300	5800	11,13	9,68	--	--	4,99	5,26
	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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

Fig. A*

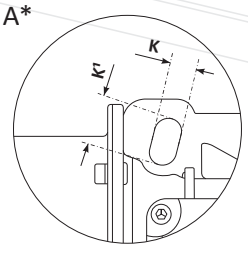


Fig. B

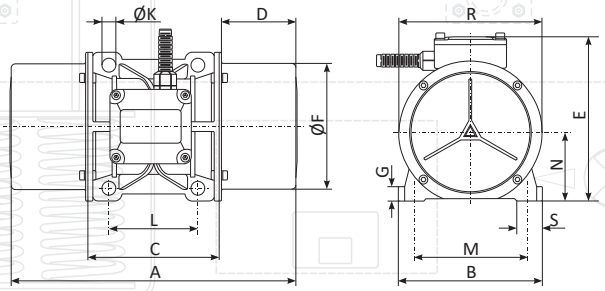
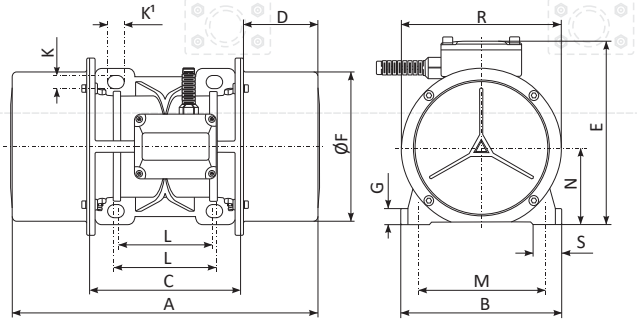


Fig. A



AVM 2 poles 3000 rpm - 50 Hz / 3600 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	S	N
three-phase	AVM 50/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 65/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 130/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 200/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 300/3	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 400/3	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 500/3	30A	A*	289	190	153	68	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 650/3	30A	A*	289	190	153	68	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 760/3	30A	A*	289	190	153	68	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 800/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 850/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 950/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1100/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1300/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1600/3	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1800/3	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2000/3	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2300/3	50A	A	470	230	226	122	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 5007/3	70A	C	544	315	290	127	323,5	284	327	155	255	22	4	-	30	65,5	160
	AVM 6500/3	90A	D	630	390	366	132	398,5	354	405	100 x 2	320	28	6	-	38	76	196
	AVM 7600/3	90A	D	630	390	366	132	398,5	354	405	100 x 2	320	28	6	-	38	76	196
	AVM 9000/3	90A	D	630	390	366	132	398,5	354	405	100 x 2	320	28	6	-	38	76	196

Fig. C

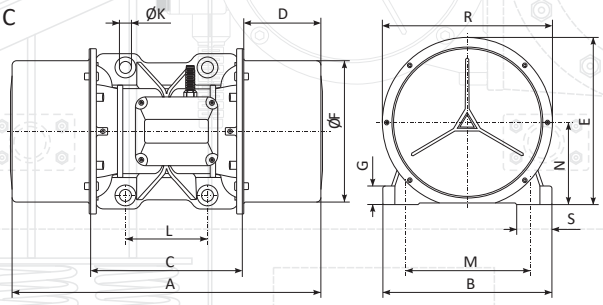
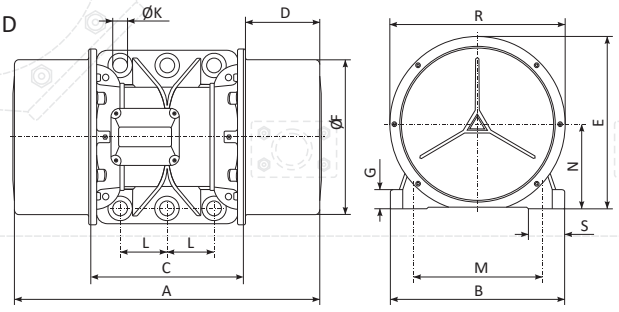


Fig. D



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (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	Y 400V 50Hz	Y 460V 60Hz	Δ 220V 50Hz	Δ 115V 60Hz	50Hz	60Hz
three phase																	
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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

Fig. A

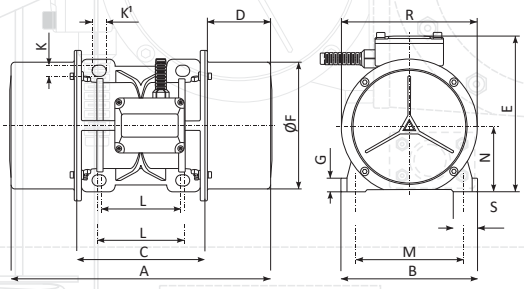


Fig. B

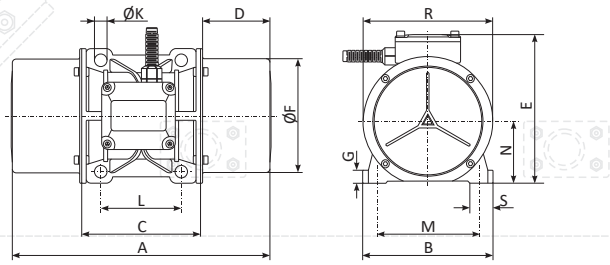
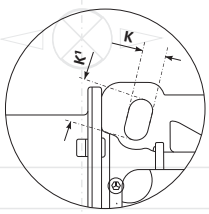


Fig. A*



AVM 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	S	N
three phase	AVM 20/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 30/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 60/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM 90/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷ 74	106	8,75	4	14,5	17	22	59,5
	AVM 200/15	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 250/15	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM 300/15	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 400/15	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 520/15	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 750/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 900/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1100/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1300/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 1500/15	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1800/15	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2000/15	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 2300/15	50B	A	524	230	226	149	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	100 x 2	320	28	6	-	38	76	196
	AVM 7500/15	90A	D	630	390	366	132	398,5	354	405	100 x 2	320	28	6	-	38	76	196
	AVM 7900/15	90A	D	630	390	366	132	398,5	354	405	100 x 2	320	28	6	-	38	76	196
	AVM 9500/15	100A	D	740	460	410	165	454,5	412	465	125 x 2	380	38	6	-	45	98	222
	AVM 11500/15	100A	D	740	460	410	165	454,5	412	465	125 x 2	380	38	6	-	45	98	222

Fig. C

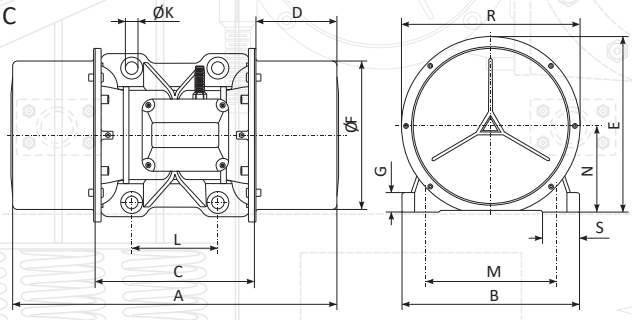
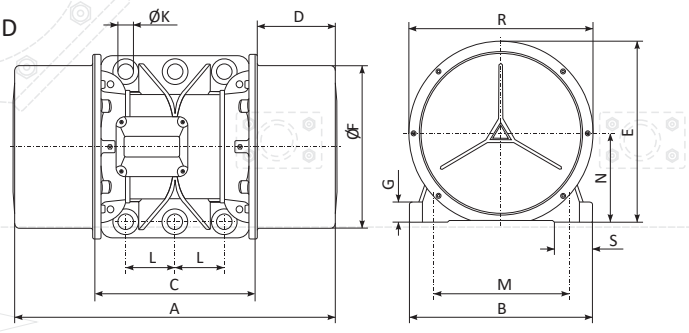


Fig. D



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

	Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (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	Y 400V 50Hz	Y 460V 60Hz	▲ 220V 50Hz	▲ 115V 60Hz	50Hz	60Hz
three phase	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 3800/10	80B	3826	3831	37,50	37,60	3382,7	2380,6	173,0	162,0	2300	2500	4,65	4,05	--	--	5,67	5,88
	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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

Fig. A*

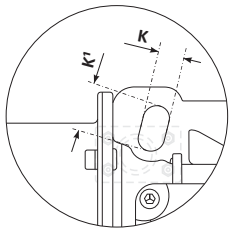
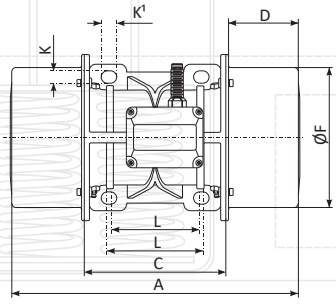


Fig. A



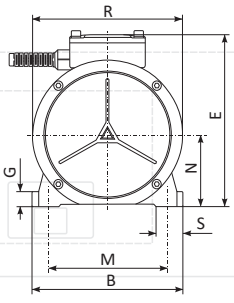
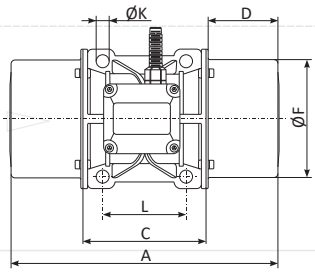
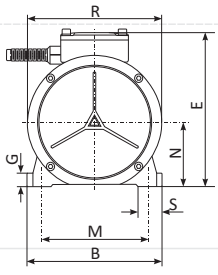


Fig. B





AVM 6 poles 1000 rpm - 50 Hz / 1200 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	S	N
three phase	AVM 200/10	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 270/10	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM 390/10	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 530/10	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 650/10	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM 750/10	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1110/10	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1200/10	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1300/10	50C	A	584	230	226	179	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM 1550/10	50C	A	584	230	226	179	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 3800/10	80B	C	773	340	334	219,5	352	309	360	180	280	25	4	-	35	77	172
	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	100 x 2	320	28	6	-	38	76	196
	AVM 9800/10	90C	D	842	390	366	238	398,5	354	405	100 x 2	320	28	6	-	38	76	196
	AVM 10000/10	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
	AVM 12000/10	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
	AVM 13500/10	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
	AVM 14500/10	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
	AVM 15000/10	110B	E	1005	573	549	228	538	486	540	140 x 3	480	45	8	-	50	120	268
	AVM 18500/10	110B	E	1005	573	549	228	538	486	540	140 x 3	480	45	8	-	50	120	268
	AVM 20500/10	110B	E	1005	573	549	228	538	486	540	140 x 3	480	45	8	-	50	120	268
	AVM 22500/10	120B	E	1200	700	585	305	655	596	670	140 x 3	600	45	8	-	45	140	320
	AVM 25500/10	120B	E	1200	700	585	305	655	596	670	140 x 3	600	45	8	-	45	140	320
	AVM 30000/10	120B	E	1200	700	585	305	655	596	670	140 x 3	600	45	8	-	45	140	320

Fig. C

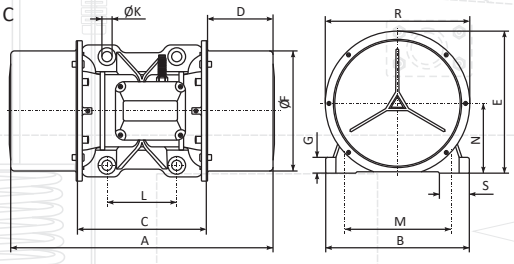


Fig. D

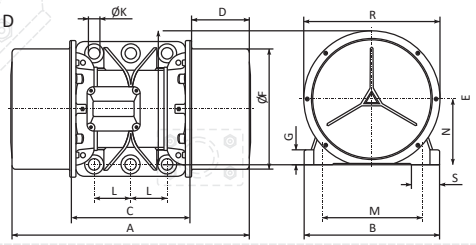
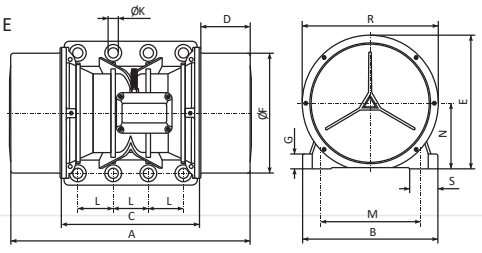


Fig. E



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (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	Y 400V 50Hz	Y 460V 60Hz	Δ 220V 50Hz	Δ 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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

Fig. A*

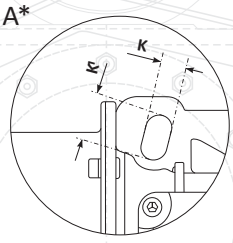


Fig. A

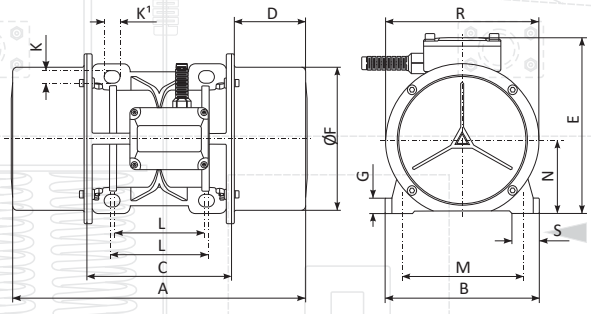
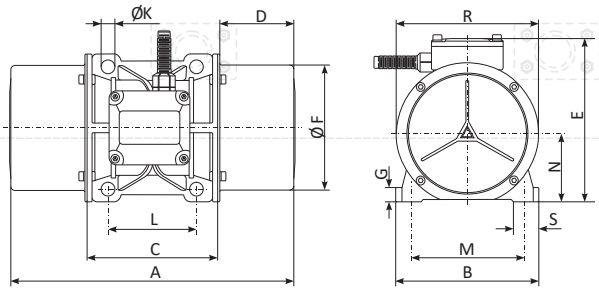


Fig. B



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

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*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
AVM 160/75	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
AVM 210/75	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
AVM 330/75	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
AVM 500/75	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
AVM 700/75	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
AVM 800/75	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
AVM 950/75	50B	A	524	230	226	149	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	60C	C	634	269	260	187	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	100 x 2	320	28	6	-	38	76	196
AVM 5800/75	90C	D	842	390	366	238	398,5	354	405	100 x 2	320	28	6	-	38	76	196
AVM 5900/75	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
AVM 8300/75	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
AVM 9300/75	100B	D	884	460	410	237	454,5	412	465	125 x 2	380	38	6	-	45	98	222
AVM 13500/75	110B	E	1005	573	549	228	538	486	540	140 x 3	480	45	8	-	50	120	268
AVM 17000/75	110B	E	1005	573	549	228	538	486	540	140 x 3	480	45	8	-	50	120	268
AVM 22500/75	120B	E	1200	700	585	305	655	596	670	140 x 3	600	45	8	-	45	140	320
AVM 25500/75	120B	E	1200	700	585	305	655	596	670	140 x 3	600	45	8	-	45	140	320
AVM 30000/75	120B	E	1200	700	585	305	655	596	670	140 x 3	600	45	8	-	45	140	320

Fig. C

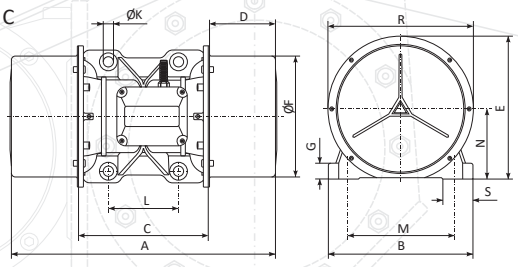


Fig. D

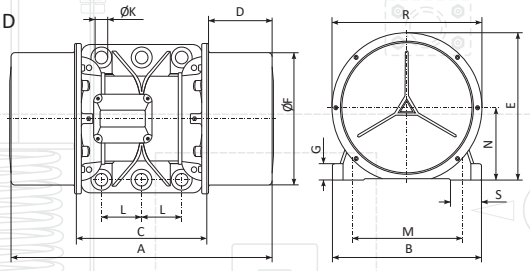
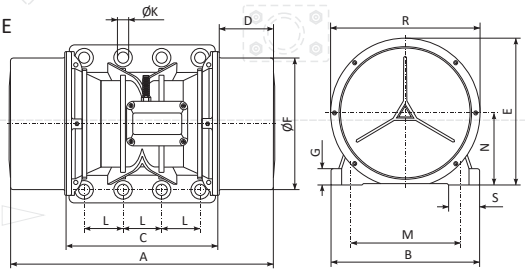


Fig. E



II 2G Ex db IIB T4 Gb
II 2D Ex tb IIIC T 120°C Db, IP66
Tamb (-20 °C / +50 °C)

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

Açıklama / Description			Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
three-phase	ADX 300/3	20	323	281	3,16	2,75	32,1	19,4	11,8	11,1	260	270	0,60	0,50	3,47	4,20
	ADX 500/3	30A	565	552	5,54	5,41	56,2	38,1	17,1	16,2	450	500	0,80	0,75	4,21	4,80
	ADX 800/3	40A	797	866	7,81	8,49	79,2	59,8	29,8	29,2	650	685	1,10	1,00	3,83	6,00
	ADX 1100/3	40A	1195	1127	11,72	11,05	118,8	77,8	30,8	29,9	600	710	0,90	0,93	4,78	4,96
	ADX 1600/3	50A	1655	1702	16,23	16,69	164,5	117,4	56,6	53,5	1000	1200	1,62	1,72	6,00	6,32
	ADX 2000/3	50A	2045	2155	20,06	21,14	203,2	148,7	62,4	60,9	1000	1260	1,71	1,85	6,95	7,19
	ADX 2300/3	50A	2316	2392	22,72	23,46	230,2	165,1	63,2	61,1	2000	2200	3,23	3,20	7,47	8,60
	ADX 2500/3	60A	2584	2566	25,84	25,17	256,8	177,1	82,6	79,6	2500	2400	3,80	3,50	4,86	5,72
	ADX 3300/3	70A	3548	3322	34,80	32,5	352,7	229,3	108,5	104,4	3100	3250	5,23	5,00	6,37	8,00
	ADX 5000/3	80A	5188	6101	50,89	59,85	515,7	421,1	145	140	4500	4500	7,13	6,60	6,53	7,00

(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

Fig. A

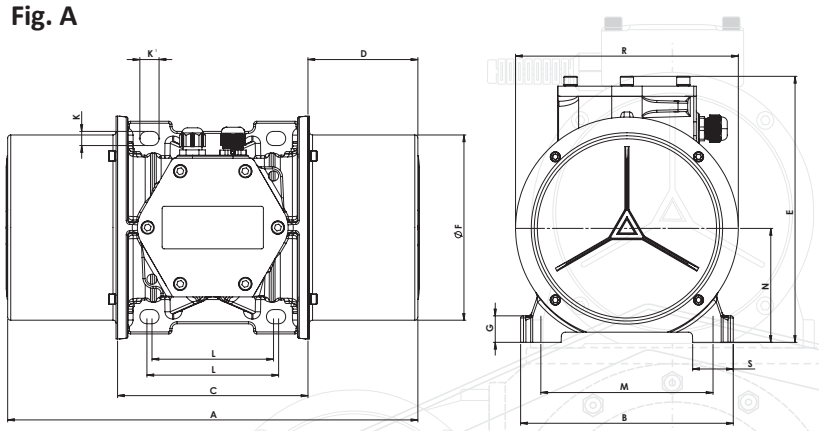
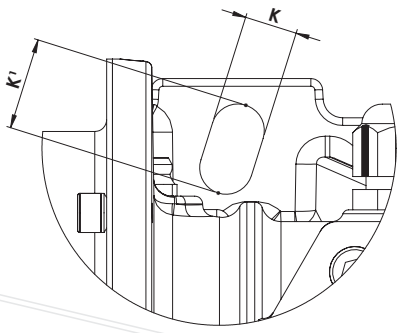


Fig. A*



ADX 2 poles 3000 rpm - 50 Hz / 3600 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	S	N
three-phase	ADX 300/3	20	B	292	150,5	134	79	213,5	128	150	90	125	13,5	4	-	20	27	74,5
	ADX 500/3	30A	A*	289	190	153	68	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX 800/3	40A	B	366	210	188	89	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 1100/3	40A	B	366	210	188	89	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 1600/3	50A	A	470	230	226	122	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 2000/3	50A	A	470	230	226	122	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 2300/3	50A	A	470	230	226	122	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 2500/3	60A	C	544	269	260	142	295	244	282	155	225	22	4	-	25	53,5	133
	ADX 3000/3	70A	C	554	315	290	132	333	284	327	155	255	22	4	-	30	65,5	160
	ADX 5000/3	80A	C	631	340	334	148,5	352	309	360	180	280	25	4	-	35	77	172

Fig. B

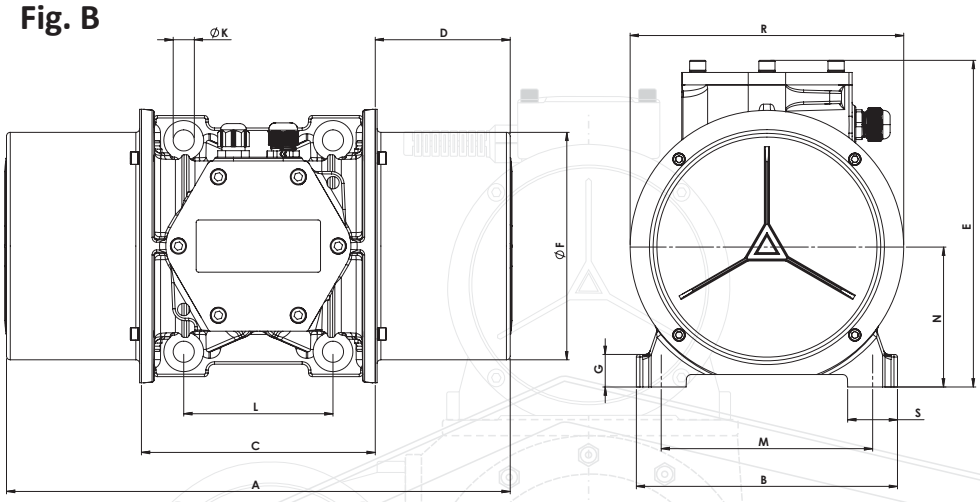
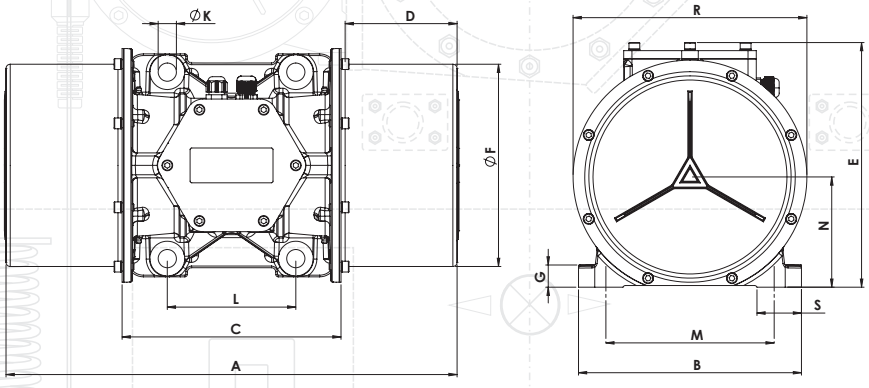


Fig. C



II 2G Ex db IIB T4 Gb
II 2D Ex tb IIIC T 120°C Db, IP66
Tamb (-20 °C / +50 °C)

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

Açıklama / Description			Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
three-phase	ADX 200/15	20	210	207	2,06	2,03	83,5	57,1	13,8	12,7	170	170	0,41	0,40	2,34	2,75
	ADX 400/15	30B	421	439	4,13	4,30	167,4	121,2	20,1	18,7	300	350	0,60	0,60	3,33	3,50
	ADX 520/15	30B	546	609	5,35	5,97	217,1	168,1	21,5	20,1	300	350	0,60	0,60	3,33	3,50
	ADX 750/15	40B	743	700	7,29	6,86	295,4	193,2	34,5	32,0	525	665	0,92	0,98	3,48	3,43
	ADX 1100/15	40B	1127	1067	11,05	10,46	448,1	294,6	42,0	34,1	520	660	0,81	0,88	4,65	4,84
	ADX 1500/15	50A	1523	1655	14,94	16,23	605,5	456,9	64,5	60,5	750	1000	1,35	1,50	5,59	5,60
	ADX 1800/15	50A	1833	1916	17,98	18,79	728,7	529,1	69,0	67,0	1050	1300	1,81	1,90	5,09	5,46
	ADX 2000/15	50B	2137	2166	20,96	21,24	849,6	598,1	74,0	68,0	1050	1300	1,81	1,90	5,09	5,46
	ADX 2450/15	60A	2574	2502	25,26	24,54	1023,3	690,8	86,5	81,5	1500	1650	2,95	2,90	7,80	7,76
	ADX 3100/15	60A	3360	3243	32,96	31,81	1335,8	895,4	91,0	85,0	2000	2100	3,70	3,50	6,48	7,45
	ADX 3100/15-CC	60A	2926	--	28,70	--	1163,5	--	89,5	--	2000	--	3,70	--	6,48	--
	ADX 3800/15	70A	3859	3802	37,85	37,29	1534,2	1049,7	117,0	112,0	2270	2250	3,80	3,50	6,84	8,09
	ADX 3800/15-CC	70A	3908	--	38,33	--	1554,1	--	112,5	--	2270	--	3,80	--	6,84	--
	ADX 3800/15-6	70A	3859	3802	37,85	37,29	1534,2	1049,7	117,0	112,0	2270	2250	3,80	3,50	6,84	8,09
	ADX 3800/15-6 CC	70A	3908	--	38,33	--	1554,1	--	112,5	--	2270	--	3,80	--	6,84	--
	ADX 5000/15	80A	5926	6367	58,13	62,46	2356,1	1757,9	179,0	169,0	3140	3130	5,40	4,85	7,82	9,90

(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

Fig. A

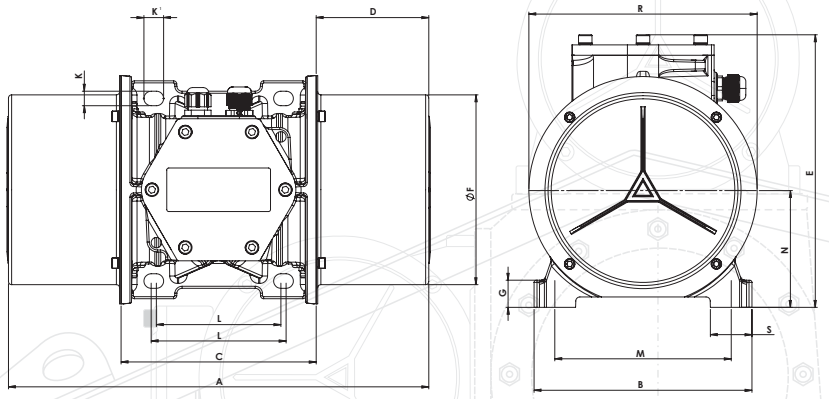


Fig. A*

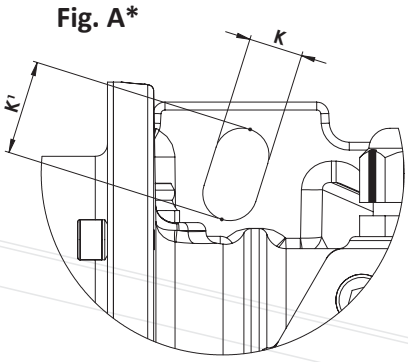
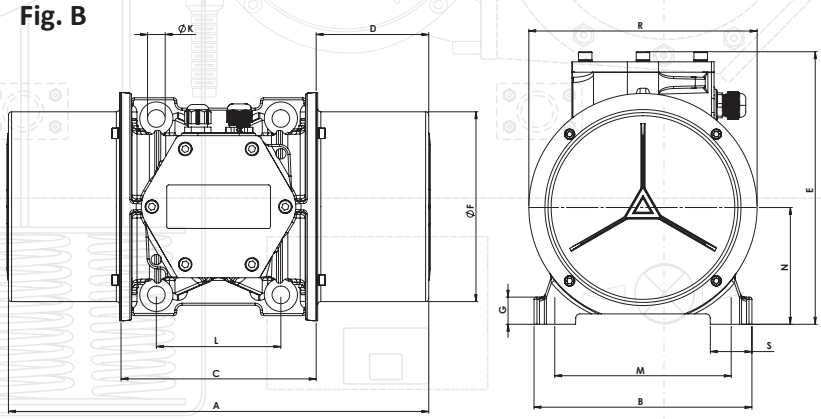


Fig. B



ADX 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	S	N
three-phase	ADX 200/15	20	B	289	150,5	134	77,5	213,5	128	150	90	125	13,5	4	-	20	27	74,5
	ADX 400/15	30B	A*	322	190	153	84,5	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX 520/15	30B	A*	322	190	153	84,5	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX 750/15	40B	B	405	210	188	108,5	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 1100/15	40B	B	405	210	188	108,5	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 1500/15	50A	A	466	230	226	120	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 1800/15	50A	A	466	230	226	120	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 2000/15	50B	A	520	230	226	147	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 2450/15	60A	C	544	269	260	142	295	244	282	155	225	22	4	-	25	53,5	133
	ADX 3100/15	60A	C	544	269	260	142	295	244	282	155	225	22	4	-	25	53,5	133
	ADX 3100/15 CC	60A	C	564	269	260	152	295	244	282	155	225	22	4	-	25	53,5	133
	ADX 3800/15	70A	C	554	315	290	132	333	284	327	155	255	22	4	-	30	65,5	160
	ADX 3800/15 CC	70A	C	594	315	290	152	333	284	327	155	255	22	6	-	30	65,5	160
	ADX 3800/15-6	70A	D	554	315	290	132	333	284	327	105x2	248	22	4	-	30	65,5	160
	ADX 3800/15-6 CC	70A	D	594	315	290	152	333	284	327	105x2	248	22	4	-	30	65,5	160
	ADX 5000/15	80A	C	631	340	334	148,5	352	309	360	180	280	25	4	-	35	77	172

Fig. C

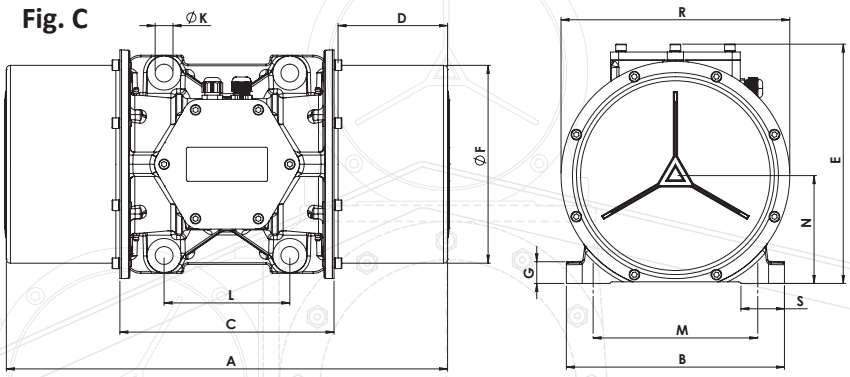
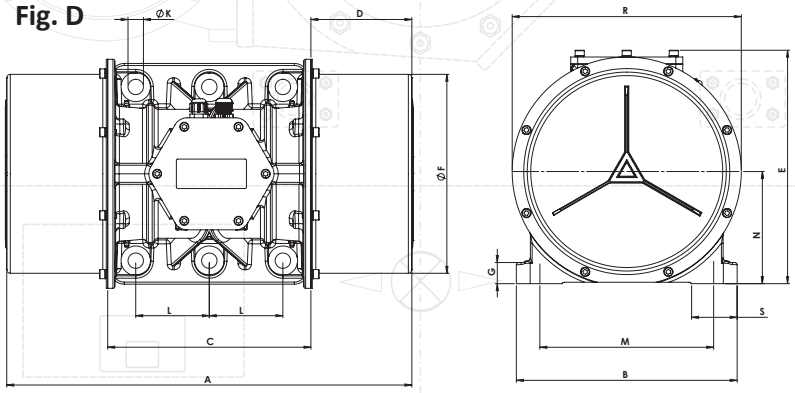


Fig. D



II 2G Ex db IIB T4 Gb
II 2D Ex tb IIIC T 120°C Db, IP66
Tamb (-20 °C / +50 °C)

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

	Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
three-phase	ADX 35/10	20	35	49	0,33	0,47	30,1	30,1	11,5	11,5	120	135	0,30	0,30	1,90	2,07
	ADX 100/10	20	94,3	136	0,92	1,33	84,2	84,2	14	14	120	135	0,30	0,30	1,90	2,07
	ADX 200/10	30B	189	258	1,85	2,53	169,1	160,2	21,5	21,5	185	205	0,50	0,50	2,72	3,10
	ADX 390/10	40B	318	446	3,12	4,37	284,5	277,1	35,0	34,0	350	380	0,72	0,68	2,63	2,79
	ADX 530/10	40B	597	639	5,85	6,26	534,1	396,9	39,5	37,5	300	310	0,57	0,61	3,89	3,77
	ADX 750/10	50A	814	861	7,98	8,44	728,2	534,8	70,0	65,0	570	680	1,24	1,30	4,00	3,69
	ADX 1110/10	50B	1067	1190	10,46	11,66	954,4	739,3	78,5	71,5	700	870	1,52	1,65	4,15	4,24
	ADX 1700/10	60B	1683	1708	16,51	16,75	1505,5	1061,1	87,5	80,0	1040	1250	2,09	2,10	4,93	5,24
	ADX 3000/10	70B	3144	3281	30,84	32,18	2812,5	2038,2	165,0	151,0	1725	1800	3,80	3,70	5,40	6,03
	ADX 4500/10	80B	4211	4587	41,31	44,99	3767,0	2849,5	202,0	192,0	2100	2300	4,75	4,75	4,19	4,67
	ADX 22500/10	120B	22540	20362	221,12	199,75	20162,8	12628,5	1025	995	15600	19000	25,2	25,5	5,70	5,88
	ADX 25500/10	120B	25300	24100	248,19	236,42	22632,4	14971,4	1050	1027	19000	19000	33,00	25,50	4,68	--
	ADX 30000/10	120B	30575	30240	299,94	296,55	27351,1	18787,6	1315	1065	24000	25800	40,00	38,00	4,90	5,40

(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

Fig. A

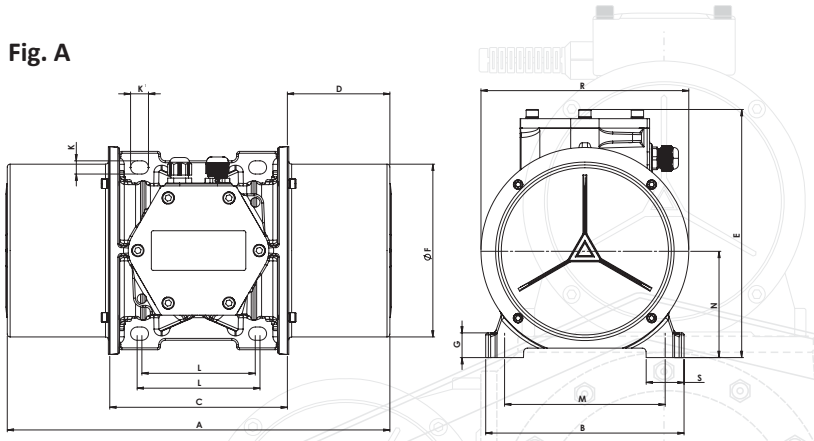


Fig. A*

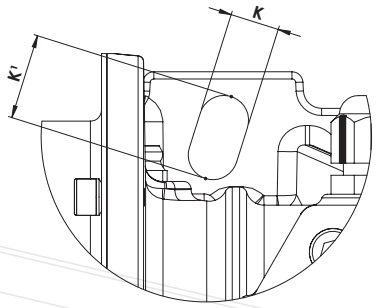
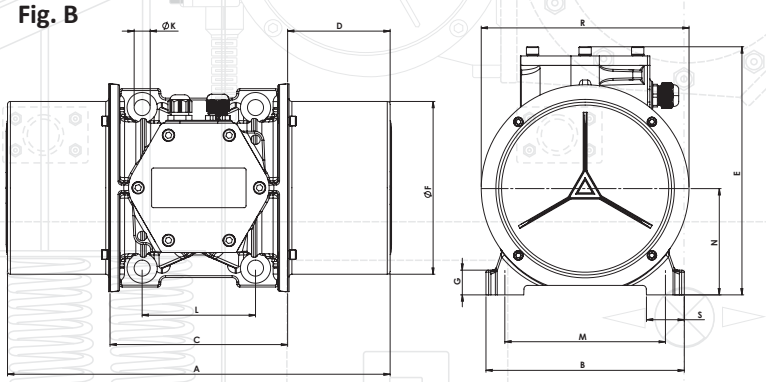


Fig. B



ADX 6 poles 1000 rpm - 50 Hz / 1200 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	S	N
three-phase	ADX 35/10	20	B	289	150,5	134	77,5	213,5	128	150	90	125	13,5	4	-	20	27	74,5
	ADX 100/10	20	B	289	150,5	134	77,5	213,5	128	150	90	125	13,5	4	-	20	27	74,5
	ADX 200/10	30B	A*	322	190	153	84,5	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX 390/10	40B	B	405	210	188	108,5	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 530/10	40B	B	405	210	188	108,5	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 750/10	50A	A	466	230	226	120	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 1110/10	50B	A	520	230	226	147	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 1700/10	60B	C	604	269	260	172	295	244	282	155	225	22	4	-	25	53,5	133
	ADX 3000/10	70B	C	634	315	290	172	333	284	327	155	255	22	4	-	30	65,5	160
	ADX 4500/10	80B	C	773	340	334	219,5	352	309	360	180	280	25	4		35	77	172
	ADX 22500/10	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320
	ADX 25500/10	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320
	ADX 30000/10	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320

Fig. C

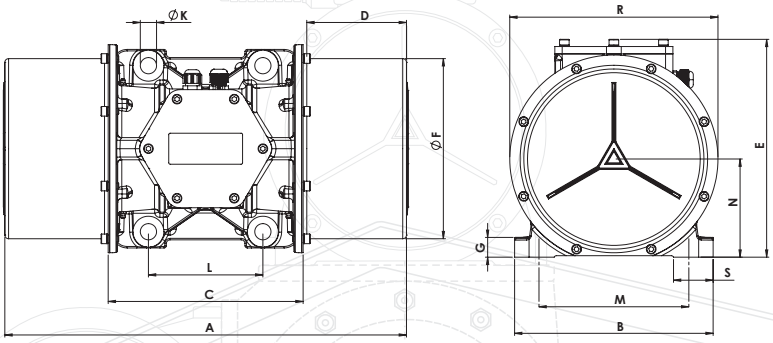
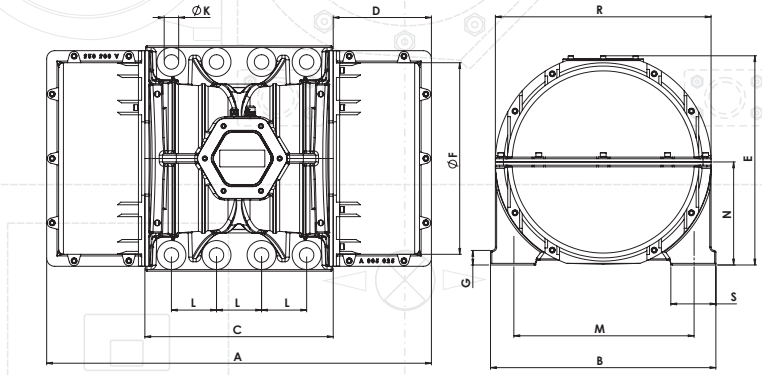


Fig. E



II 2G Ex db IIB T4 Gb
II 2D Ex tb IIIC T 120°C Db, IP66
Tamb (-20 °C / +50 °C)

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

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
three-phase															
ADX 120/75	30B	106	141	1,04	1,38	168,5	155,7	21,0	21,0	230	250	0,85	0,76	2,13	2,11
ADX 210/75	40B	178	241	1,74	2,36	283,1	266,2	30,0	30,0	350	380	1,10	1,05	2,03	2,29
ADX 330/75	40B	281	396	2,75	3,88	446,8	437,3	41,1	41,1	300	300	0,57	0,58	2,47	2,50
ADX 500/75	50A	458	601	4,49	5,89	728,3	663,7	70,0	70,0	340	340	0,87	0,90	2,87	3,11
ADX 950/75	50B	686	991	6,73	9,72	1090,9	1094,4	76,0	76,0	420	500	1,00	1,10	2,91	2,91
ADX 1200/75	60B	1081	1467	10,60	14,39	1719,1	1620,2	109	109,0	750	850	1,52	1,90	3,68	3,05
ADX 2000/75	70B	1769	2296	17,35	22,52	2813,3	2535,7	145,0	145,0	1480	1500	3,52	3,45	3,58	3,91
ADX 3200/75	80B	2533	3774	24,84	37,02	4028,3	4168,0	195,0	195,0	1850	2100	4,85	5,00	4,21	4,70
ADX 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
ADX 25500/75	120B	--	25950	--	254,57	--	28658,4	--	1027,0	--	16200	--	28,00	5,63	4,71
ADX 30000/75	120B	21100	30460	206,99	298,81	33487,3	33472,9	1230,0	1265,0	--	--	--	--	5,63	4,71

(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

Fig. A

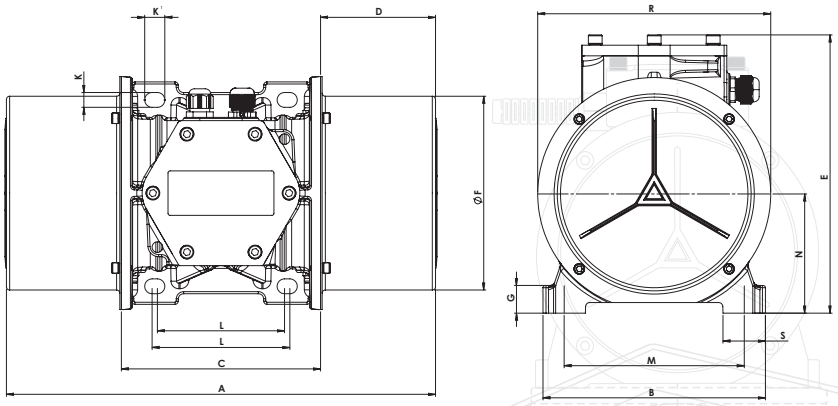


Fig. A*

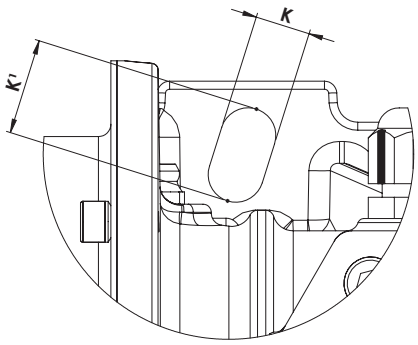
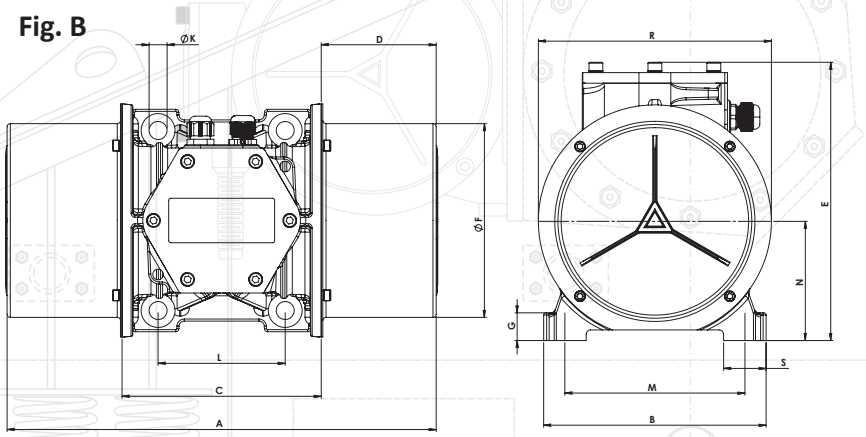


Fig. B



ADX 8 poles 750 rpm - 50 Hz / 900 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	S	N
three-phase	ADX 120/75	30B	A*	322	190	153	84,5	240,5	155	185	100 ÷ 105	140÷160	12	4	22,5	22	38	93,5
	ADX 210/75	40B	B	405	210	188	108,5	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 330/75	40B	B	405	210	188	108,5	263	183	220	120	170	17	4	-	26	37	112,5
	ADX 500/75	50A	A	466	230	226	120	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 950/75	50B	A	520	230	226	147	274,5	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	ADX 1200/75	60B	C	604	269	260	172	295	244	282	155	225	22	4	-	25	53,5	133
	ADX 2000/75	70B	C	634	315	290	172	333	284	327	155	255	22	4	-	30	65,5	160
	ADX 3200/75	80B	C	773	340	334	219,5	352	309	360	180	280	25	4		35	77	172
	ADX 22500/75	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320
	ADX 25500/75	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320
	ADX 30000/75	120B	E	1200	700	585	305	655	596	670	140x3	600	45	8	-	45	140	320

Fig. C

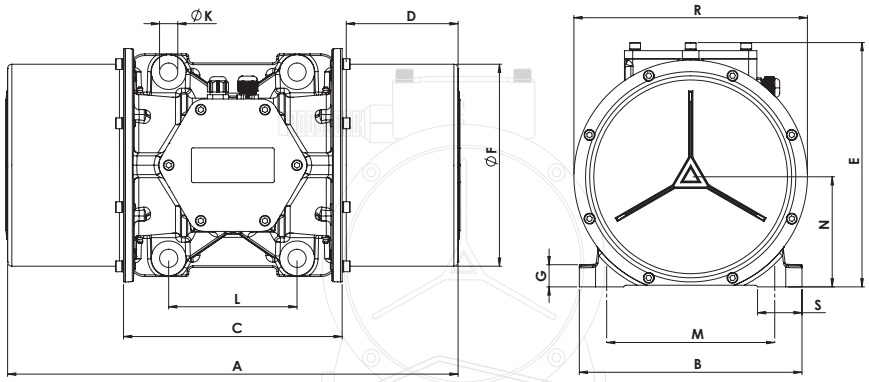
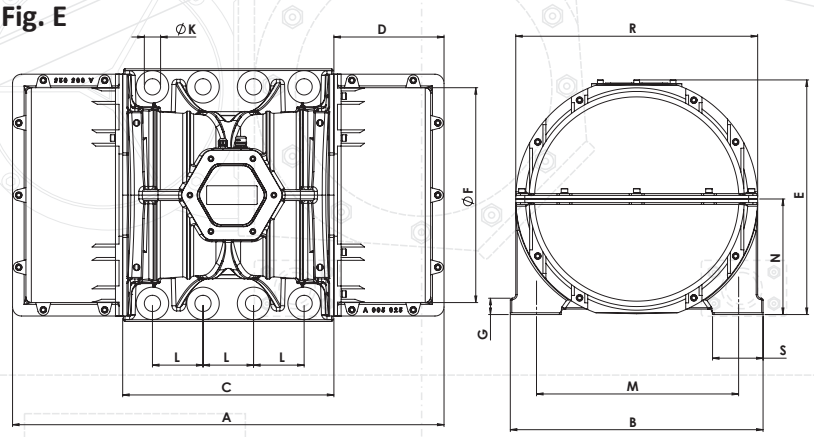


Fig. E



II 2G Ex db IIB T4 Gb
II 2D Ex tb IIIC T 120°C Db, IP66
Tamb (-20 °C / +50 °C)

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

Açıklama / Description				Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Fig.	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
				50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
mono-phase	ADX-M 300/3	20	B	323	311	3,16	3,05	32,1	30,9	11,8	11,1	280	280	1,25	2,40	2,48	3,52
	ADX-M 500/3	30A	A*	565	591	5,54	5,79	56,2	58,7	17,1	16,2	500	500	2,30	4,50	3,35	4,22
	ADX-M 800/3	40A	B	797	866	7,81	8,49	79,2	59,8	29,8	29,2	700	750	3,25	7,00	4,00	4,14

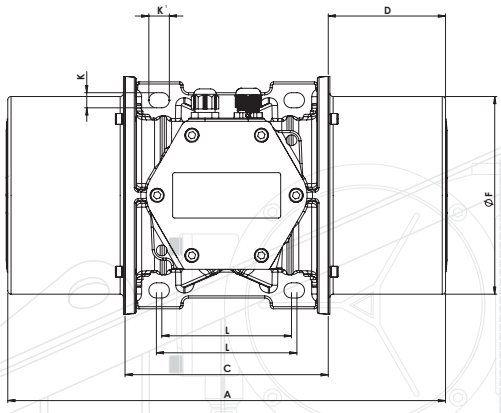
TP TC 012/2011
II 2GD Ex tb IIIC (T 120 0C) Db, IP 66 - Ex eb IIB T5 Gb IP 66 - Tamb (-20 °C / +50 °C)

ADX-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	Fig.	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
				50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	220V 50Hz	115V 60Hz	50Hz	60Hz
mono-phase	ADX-M 200/15	20	B	210	207	2,06	2,03	83,5	57,1	13,8	12,7	210	230	1,00	2,00	1,50	1,85
	ADX-M 400/15	30B	A*	421	439	4,13	4,30	167,4	121,2	20,1	18,7	240	320	1,20	2,80	2,50	2,50
	ADX-M 520/15	30B	A*	546	609	5,35	5,97	217,1	168,1	21,5	20,1	240	320	1,20	2,80	2,50	2,50
	ADX-M 750/15	40B	B	743	700	7,29	6,86	295,4	193,2	34,5	32,0	450	550	2,15	5,15	5,44	3,63

(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.

Fig. A*



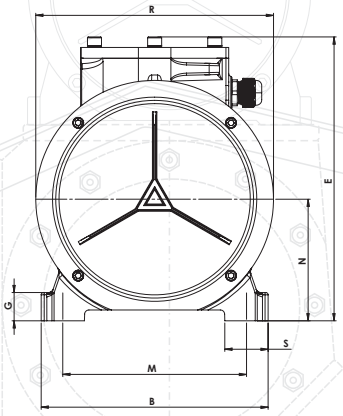
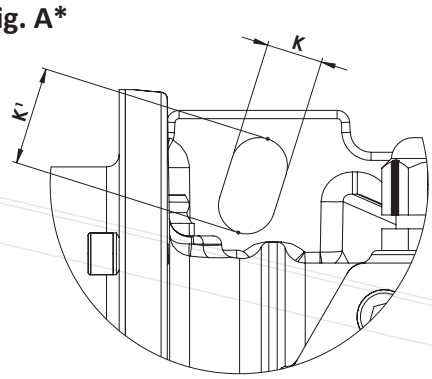


Fig. A*



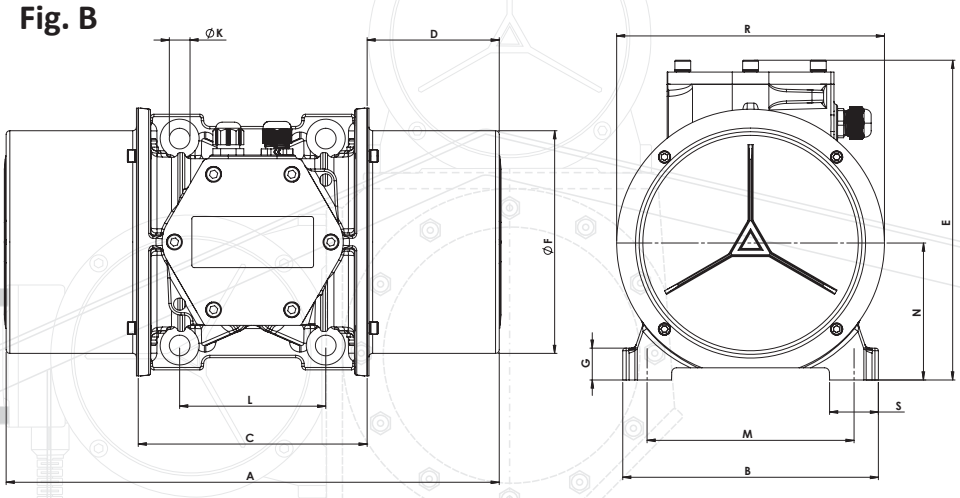
ADX-M 2 poles 3000 rpm - 50 Hz / 3600 rpm - 60 Hz

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK		K[1]	G	S	N
mono-phase	ADX-M 300/3	20	B	292	150,5	134	79	213,5	128	150	90	125	13,5	4	-	20	27	74,5
	ADX-M 500/3	30A	A*	289	190	153	68	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX-M 800/3	40A	B	369	M	188	89	263	183	220	120	170	17	4	-	26	37	112,5

ADX-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	S	N
mono-phase	ADX-M 200/15	20	B	292	150,5	134	79	213,5	128	150	90	125	13,5	4	-	20	27	74,5
	ADX-M 400/15	30B	A*	325	190	153	86	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX-M 520/15	30B	A*	325	190	153	86	240,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	ADX-M 750/15	40B	B	408	210	188	110	263	183	220	120	170	17	4	-	26	37	112,5

Fig. B

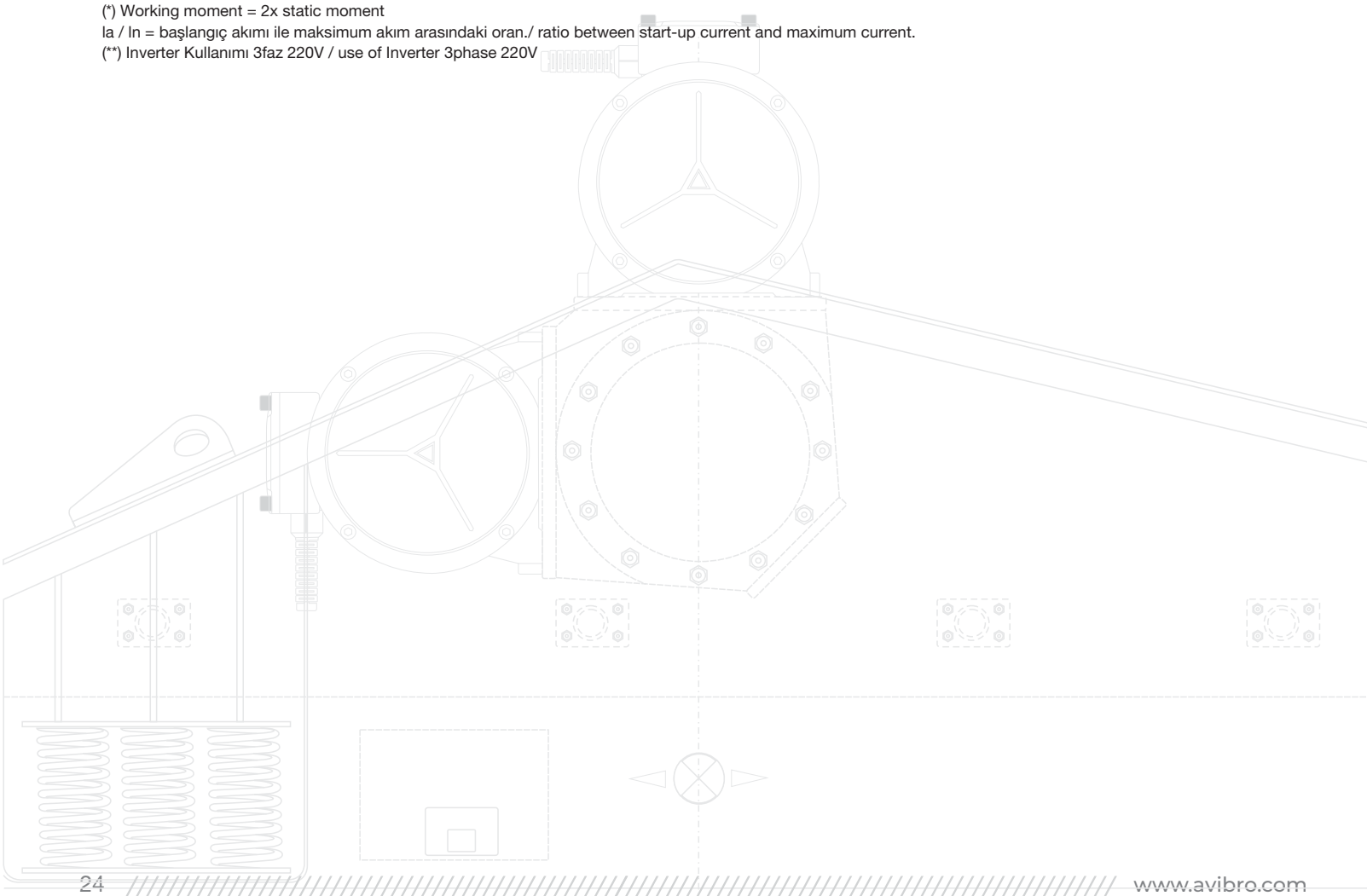


TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)				IA / INnt	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	Y 400V 50Hz	Y 460V 60Hz	▲ 220V 50Hz	▲ 115V 60Hz	50Hz	60Hz
three-phase																	
AVM-CR 50/3	10	58	61	0,56	0,59	5,8	4,5	4,5	4,3	100	120	0,30	0,30	0,51	0,52	2,68	2,95
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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V



AVM-CR 2 poles 3000 rpm - 50 Hz / 3600 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	S	N
three-phase	AVM-CR 50/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 65/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 130/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 200/3	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 300/3	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM-CR 400/3	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM-CR 500/3	30A	A*	289	190	153	68	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 650/3	30A	A*	289	190	153	68	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 760/3	30A	A*	289	190	153	68	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 800/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 850/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 950/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1100/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1300/3	40A	B	366	210	188	89	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1600/3	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1800/3	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 2000/3	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 2300/3	50A	A	470	230	226	122	248	220	26	140÷150	190	18,5	4	23,5	27	50,5	120,5

Fig. | A*

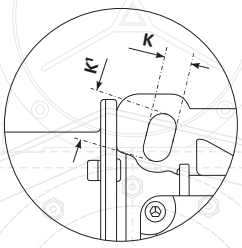


Fig. | A

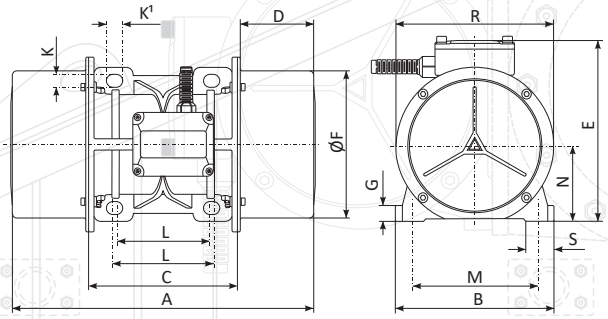
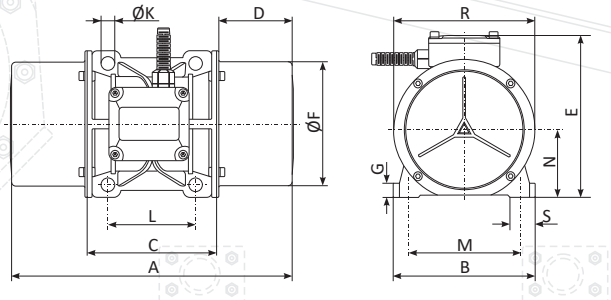


Fig. | B

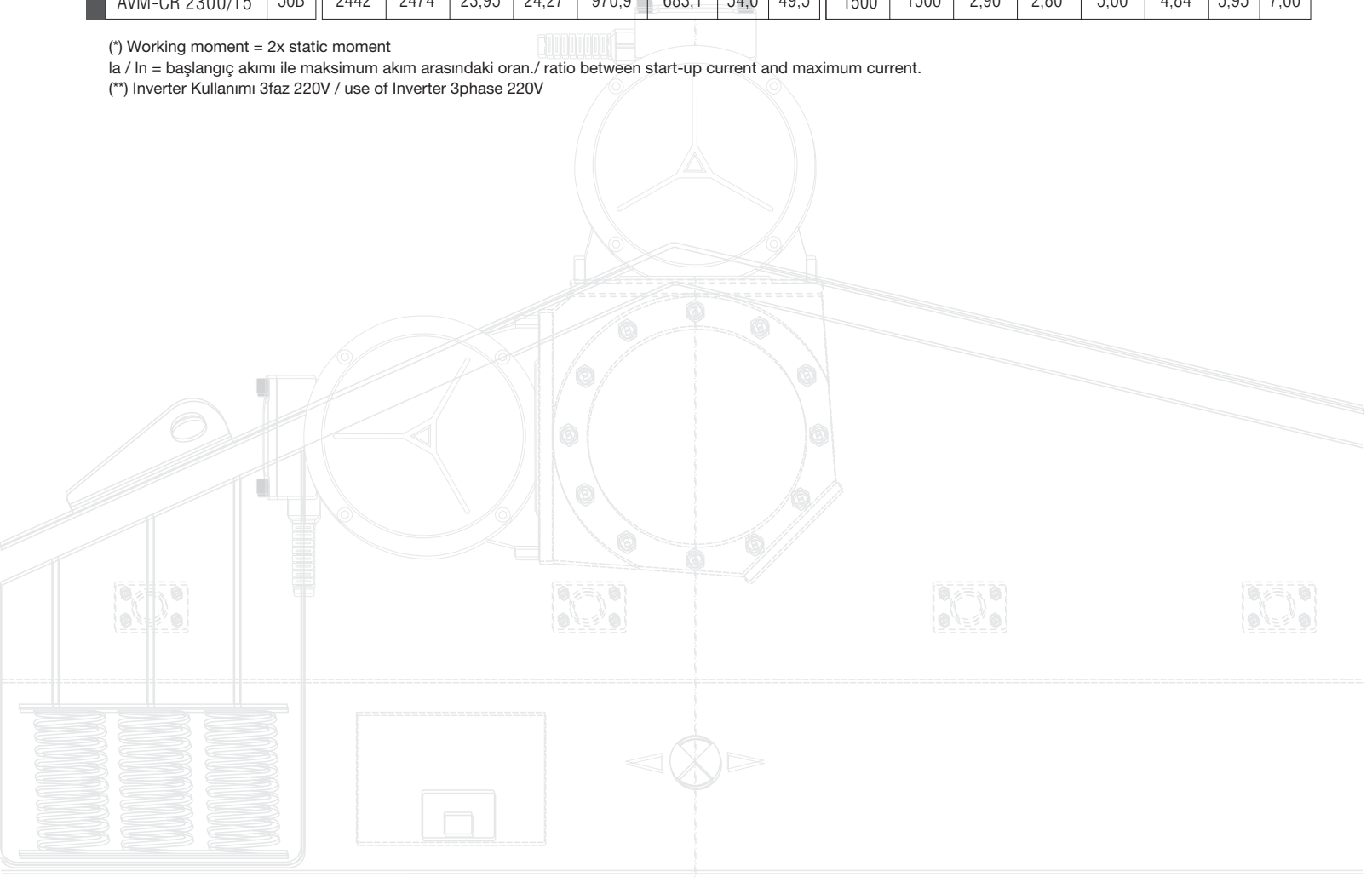


TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (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	Y 400V 50Hz	Y 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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V



AVM-CR 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		K¹	G	S	N
three-phase	AVM-CR 20/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 30/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 60/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 90/15	10	A	238	123,5	108	65	151,5	107	132,5	62÷ 74	106	8,75	4	14,5	17	22	59,5
	AVM-CR 200/15	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM-CR 250/15	20	B	292	150,5	134	79	175	128	150	90	125	13,5	4	-	20	27	74,5
	AVM-CR 300/15	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 400/15	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 520/15	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 750/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 900/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1100/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1300/15	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 1500/15	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1800/15	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 2000/15	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 2300/15	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5

Fig. | A*

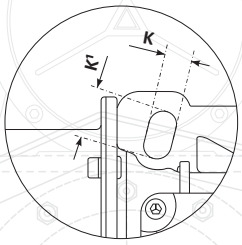


Fig. | A

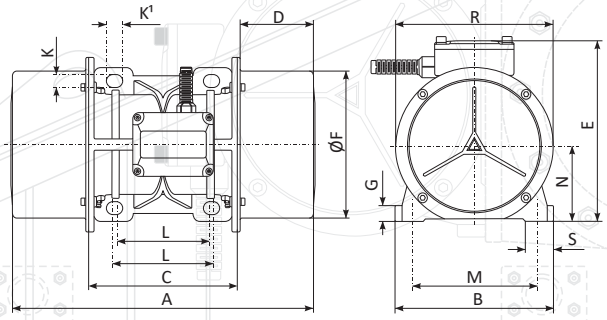
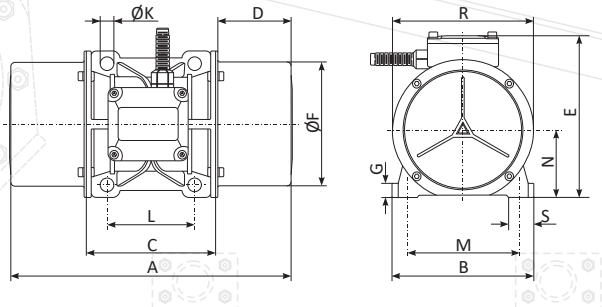


Fig. | B



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

	Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (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	Y 400V 50Hz	Y 460V 60Hz	▲ 220V 50Hz	▲ 115V 60Hz	50Hz	60Hz
three-phase	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 - 50 Hz / 900 rpm - 60 Hz

	Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications							
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m¹) (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	Y 400V 50Hz	Y 460V 60Hz	▲ 220V 50Hz	▲ 115V 60Hz	50Hz	60Hz
three-phase	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
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

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

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK		K¹	G	S	N
three-phase	AVM-CR 200/10	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 270/10	30B	A*	325	190	153	86	203,5	155	185	100÷105	140÷160	12	4	22,5	22	38	93,5
	AVM-CR 390/10	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 530/10	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 650/10	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	-	26	37	107,5
	AVM-CR 750/10	50A	A	470	230	226	122	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1110/10	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1200/10	50B	A	524	230	226	149	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1300/10	50C	A	584	230	226	179	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5
	AVM-CR 1550/10	50C	A	584	230	226	179	248	220	260	140÷150	190	18,5	4	23,5	27	50,5	120,5

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

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK		K¹	G	S	N
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

Fig. A*

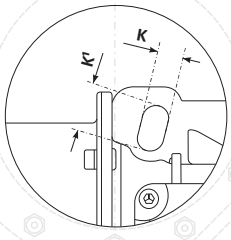


Fig. A

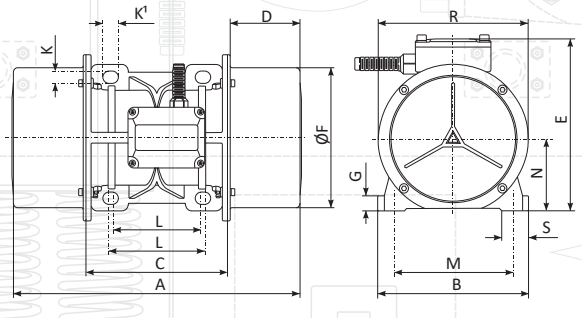
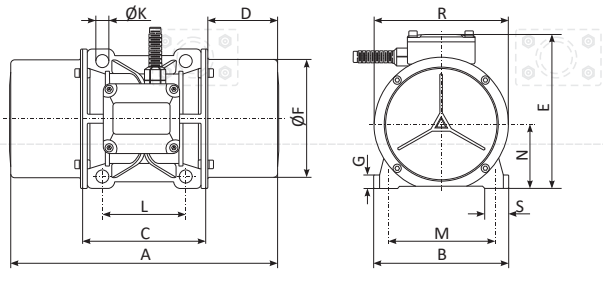


Fig. B



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

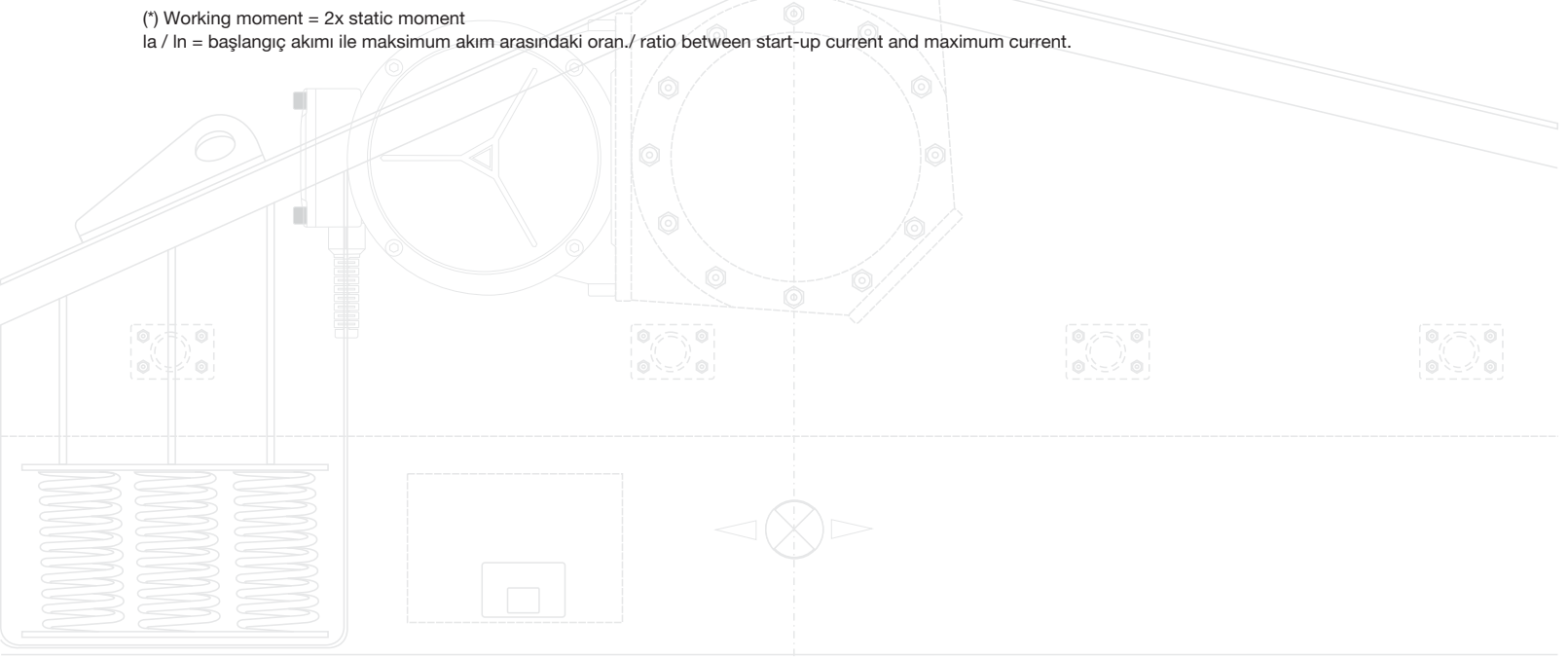
	Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment(m^1) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		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 50/3	10	58	61	0,56	0,59	5,8	4,5	4,7	4,5	100	110	0,37	0,84	2,55	2,84
	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
Ia / 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	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m^1) (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 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	10	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	20	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	20	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
Ia / 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

	Model Type	Gövde Size	Fig.	Gövde Ölçüleri - Overall Dimensions (mm)														
				A	B	C	D	E	ØF	R	L	M	ØK		K¹	G	S	N
Single-phase	AVM-M 50/3	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 65/3	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 130/3	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 200/3	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	71,5
	AVM-M 300/3	20	B	292	150,5	134	79	172	128	150	90	125	13,5	4	--	14	27	71,5
	AVM-M 400/3	20	B	292	150,5	134	79	172	128	150	90	125	13,5	4	--	14	27	90,5
	AVM-M 500/3	30A	A*	289	190	153	68	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5
	AVM-M 650/3	30A	A*	289	190	153	68	200,5	155	185	100÷105	140÷160	12	4	22,5	16	38	90,5
	AVM-M 760/3	30A	A*	289	190	153	68	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		K¹	G	S	N
Single-phase	AVM-M 20/15	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 30/15	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 60/15	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 90/15	10	A	238	123,5	108	65	150	107	132,5	62÷74	106	8,75	4	14,5	12	23,5	56,5
	AVM-M 200/15	20	B	292	150,5	134	79	172	128	150	90	125	13,5	4	--	14	27	71,5
	AVM-M 250/15	20	B	292	150,5	134	79	172	128	150	90	125	13,5	4	--	14	27	71,5

Fig. A

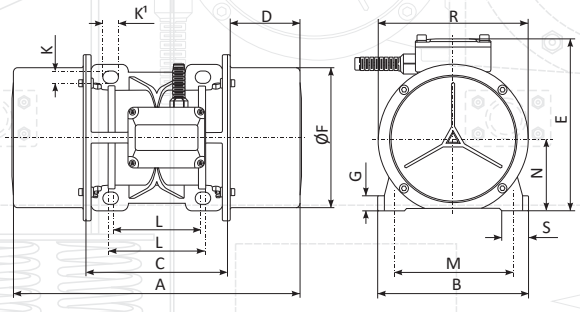
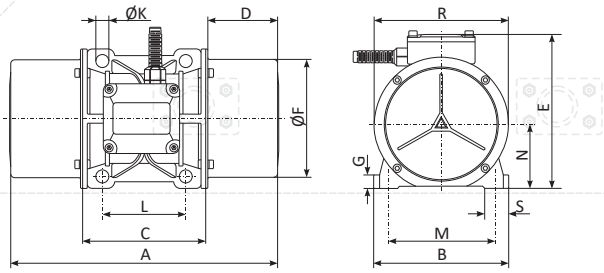


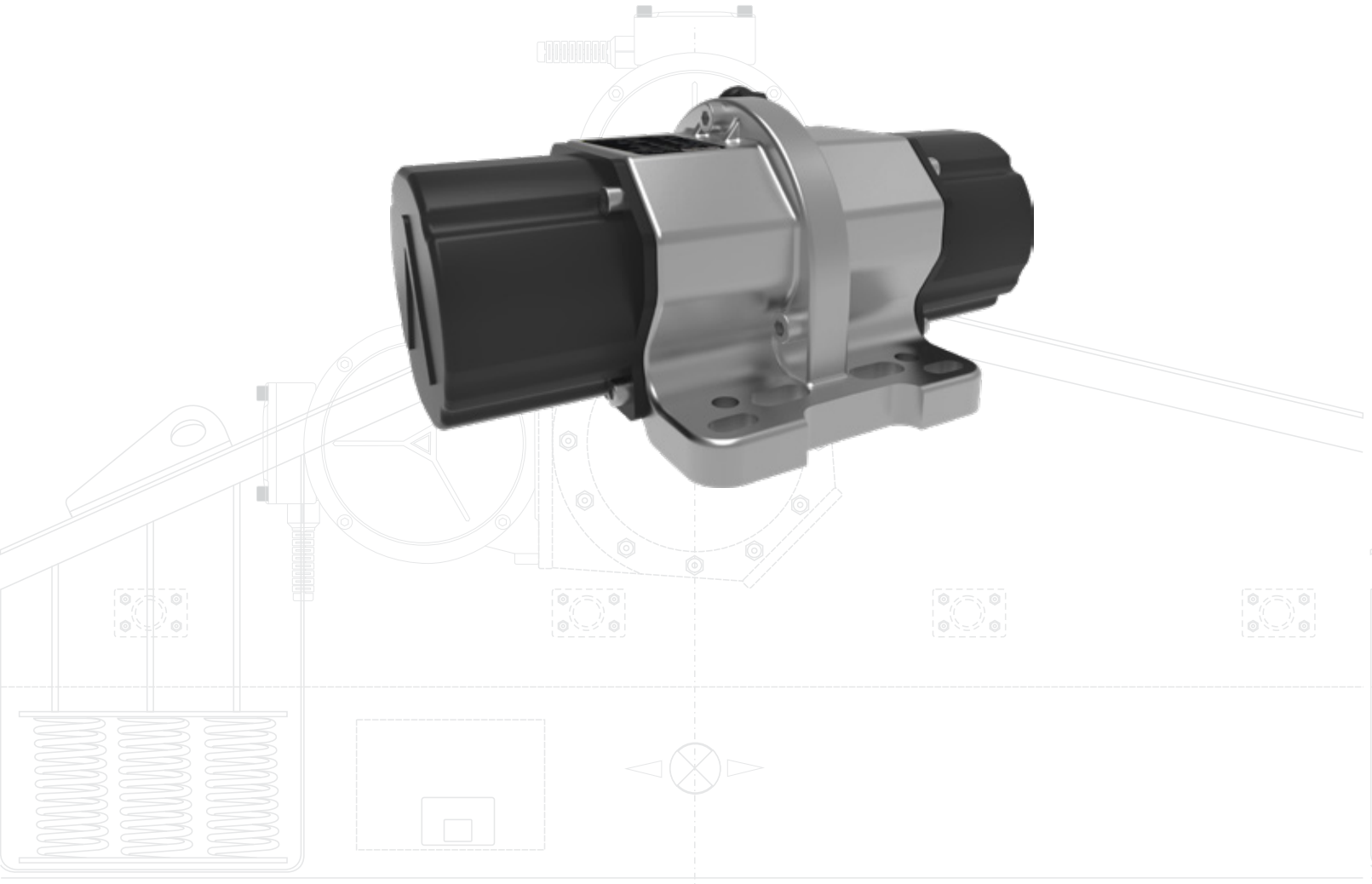
Fig. B



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

	Model Type	Devir RPM		Santrifüj Kuvveti Centrifugal Force (Kg/F)	Giriş Gücü Input Power (W)	Voltaj Voltage (V)	Nominal Akım Nom. Current (Amp)
		50 Hz	60 Hz	50 Hz	50 Hz	50 Hz	50 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

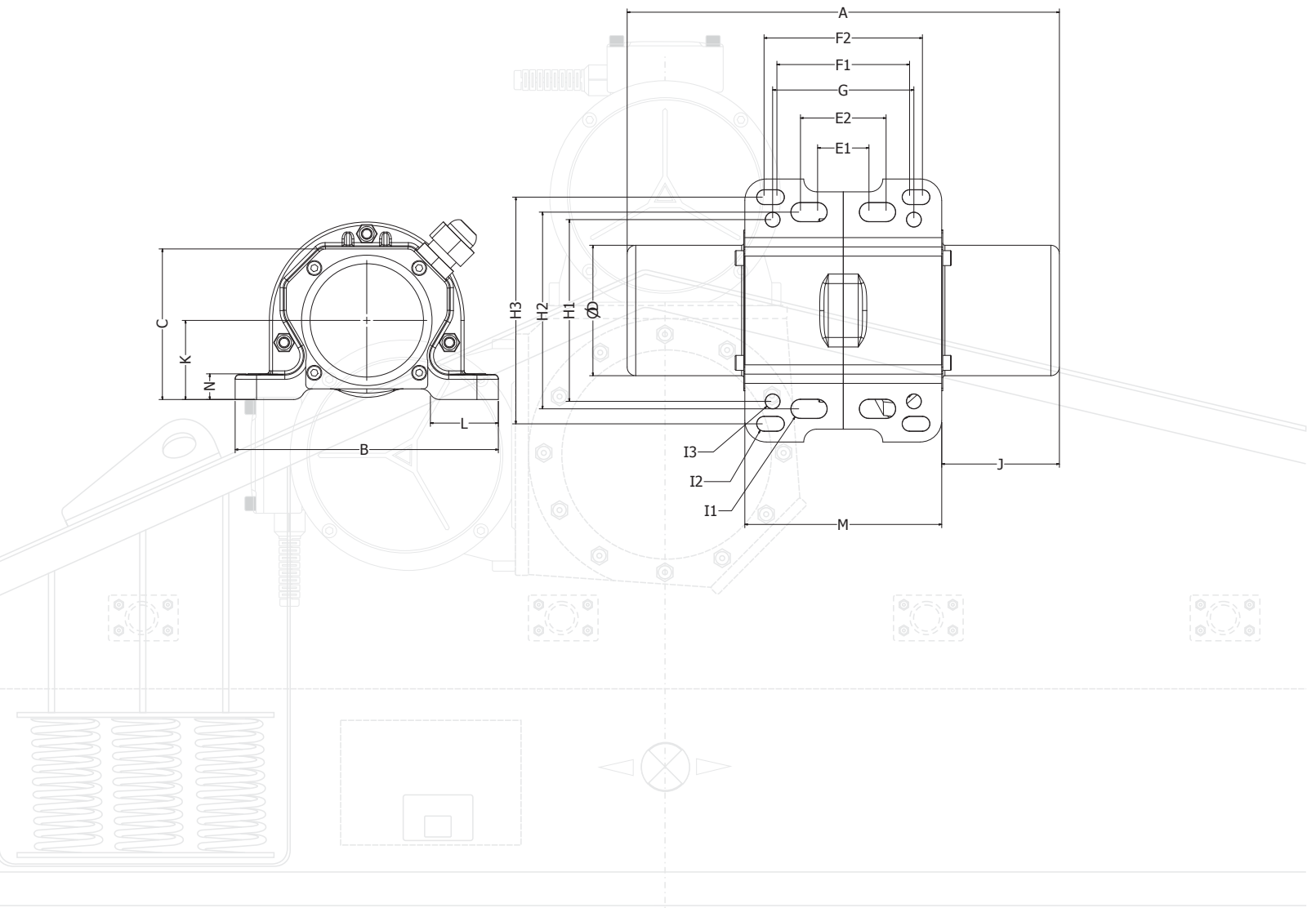
(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

	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	189	123	72	61	24-40	62-74	60	85	92	106	9	7	7	48,5	37	31.5	92	12
three-phase	AV-4T	189	123	72	61	24-40	62-74	60	85	92	106	9	7	7	48,5	37	31.5	92	12
three-phase	AV-6T	210	123	72	61	24-40	62-74	60	85	92	106	9	7	7	59	37	31.5	92	12
single-phase	AV-2M	189	123	72	61	24-40	62-74	60	85	92	106	9	7	7	48,5	37	31.5	92	12
single-phase	AV-4M	189	123	72	61	24-40	62-74	60	85	92	106	9	7	7	48,5	37	31.5	92	12
single-phase	AV-6M	210	123	72	61	24-40	62-74	60	85	92	106	9	7	7	59	37	31.5	92	12
three-phase	AV-2	189	123	72	61	24-40	62-74	60	85	92	106	9	7	7	48,5	37	31.5	92	12
three-phase	AV-4	189	123	72	61	24-40	62-74	60	85	92	106	9	7	7	48,5	37	31.5	92	12
three-phase	AV-6	210	123	72	61	24-40	62-74	60	85	92	106	9	7	7	59	37	31.5	92	12



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

Açıklama / Description			Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m^1) (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	220V 60Hz	50Hz	60Hz
three-phase	AVM-D 650/6	51A	665	726	6,52	7,12	1652,5	1154,6	59	57	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	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	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	67	550	550	2,00	1,80	3,16	3,42

(*) Working moment = 2x static moment
Ia / In = 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

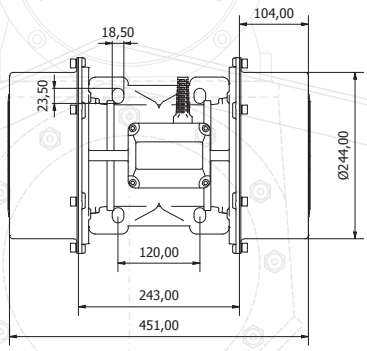
AVM-D 12 poles 600 rpm - 50 Hz / 750 rpm - 60 Hz

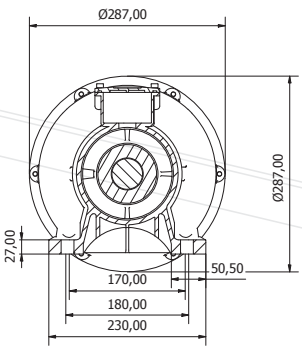
Açıklama / Description			Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)		(kN)		(*)Statik Moment Statical Moment (m^1) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		Nominal Akım Nom. Current (A)		IA / IN	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	220V 60Hz	50Hz	60Hz
three-phase	AVM-D / CR 650/6	51A	665	726	6,52	7,12	1652,5	1154,6	59	57	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	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	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	67	550	550	2,00	1,80	3,16	3,42

(*) Working moment = 2x static moment
Ia / In = 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

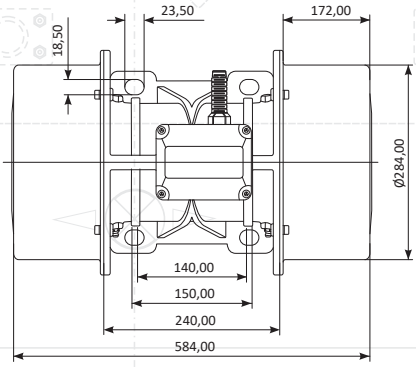
Çizim Drawing | Gövde Ölçüleri - Overall Dimensions (mm)

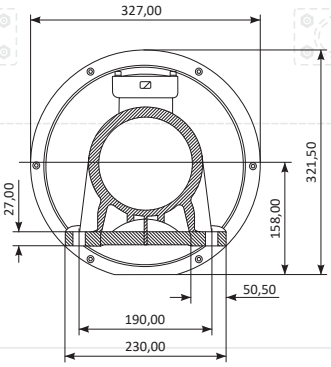
Gövde / Size 51





Gövde / Size 52





AVM-P Teknik Veri | Technical Data

TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °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^1)	Ağırlık Weight	Giriş Gücü Input Power	Nominal Akım Nom. Current (A) - 100Hz		Frekans
		(Kg/F)	(kN)	(Kgmm)	(Kg)	(W)	42-55V	380 - 460V	(Hz)
three-phase AVM-P 2000	40B	2000	19,62	49,70	34	1750	26,3	2,7 - 3,1	0-100
AVM-P 2500	50A	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.

AVM-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
three-phase AVM-P 2000	40B	B	408	210	188	110	228,5	183	220	120	170	17	4	--	26	37	107,5
AVM-P 2500	50A	A	470	230	226	122	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 Motorları, beton briket makineleri ve otomasyon sistemleri ile çalışan prefabrik beton üretim hatlarındaki kalıp vibrasyon uygulamaları için tasarlanmıştır.

Elektriksel Özellikler :

2 kutuplu --> 42-55 V | 0–100 Hz | 0–6000 rpm
2 kutuplu --> 380–460 V | 0–100 Hz | 0–6000 rpm
2 kutuplu --> 42-55 V | 0–150 Hz | 0–9000 rpm
4 kutuplu --> 42-55 V | 0–150 Hz | 0–6000 rpm

Frekans İnvertörü
AVM-P Serisi Avibro Vibrasyon Motorları, sabit tork karakteristiğine sahip PVM tipi frekans invertörü ile çalıştırılmalıdır.

İnvertör, ürün etiketinde belirtilen elektromekanik değerlere uygun olarak programlanmalı ve işletmeye alınmalıdır.

Variable Frequency Vibration Motors

AVM-P Series Avibro Vibration Motors are designed for mould vibration applications in concrete block machines and prefabricated concrete production lines operating with automation systems.

Electrical Specifications :

2 poles --> 42-55 V | 0–100 Hz | 0–6000 rpm
2 poles --> 380–460 V | 0–100 Hz | 0–6000 rpm
2 poles --> 42-55 V | 0–150 Hz | 0–9000 rpm
4 poles --> 42-55 V | 0–150 Hz | 0–6000 rpm

Frequency Inverter
AVM-P Series Avibro Vibration Motors must be operated with a PVM type frequency inverter having with constant torque characteristics.

The inverter must be configured and operated in accordance with the electromechanical specifications indicated on the product nameplate.

Fig. A

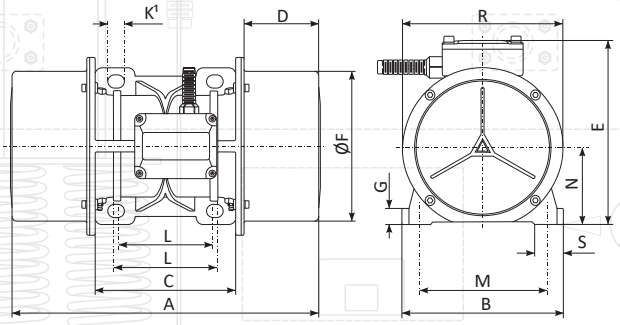
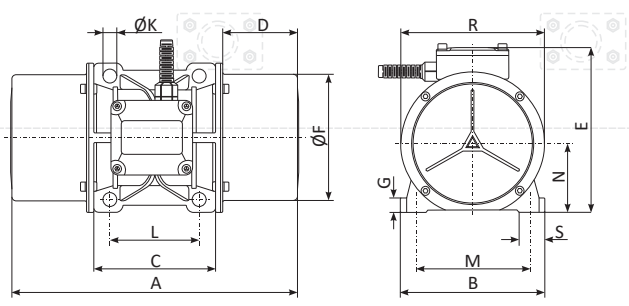


Fig. B



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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

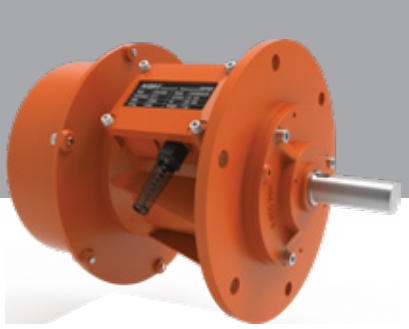
	Model Type	Gövde Size	Üst Ağırlık Santrifüj Kuvveti Top Weight Centrifugal Force (Kg/F)		Alt Ağırlık Santrifüj Kuvveti Bottom Weight Centrifugal Force (Kg/F)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	400V 50Hz	460V 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

AFV, AFV-M 4 poles 1500 rpm - 50 Hz / 1800 rpm - 60 Hz

	Model Type	Gövde Size	Üst Ağırlık Santrifüj Kuvveti Top Weight Centrifugal Force (Kg/F)		Alt Ağırlık Santrifüj Kuvveti Bottom Weight Centrifugal Force (Kg/F)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	400V 50Hz	460V 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
	AFV 2500/15	60	1250	1250	1250	1250	69,0	68,0	2150	2700	3,90	4,10	6,10	7,25
	AFV 4500/15	80	2250	2250	2250	2250	109,0	108,0	4000	4200	6,70	5,80	6,94	8,00
single-phase	AFV-M 80/15	10	40	39	40	39	7,0	6,5	40	39	40	39	7,0	6,5
	AFV-M 200/15	20	105	108	73	108	15,0	14,3	105	108	73	108	15,0	14,3
	AFV-M 400/15	30	206	205	141	205	21,0	20,1	206	205	141	205	21,0	20,1
	AFV-M 550/15	30	278	298	206	298	22,0	20,6	278	298	206	298	22,0	20,6
	AFV-M 700/15	40	361	381	264	381	27,0	25,5	361	381	264	381	27,0	25,5

(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

Çalışma prensibi ve eksantrik ağırlık ayarına ilişkin detaylı bilgi için bir sonraki sayfaya bakınız.
For detailed information of operating principle and eccentric weight adjustment, see next page.

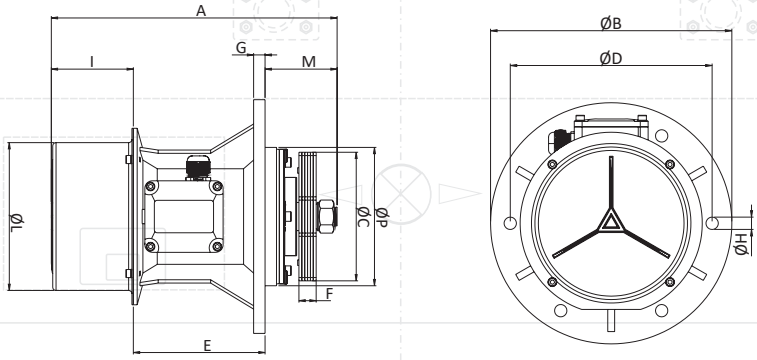


AFV, AFV-M 2 poles 3000 rpm - 50 Hz / 3600 rpm - 60 Hz

	Model Type	Gövde Size	A	ØB	ØC	ØD	ØH	N	E	F	G	QI	L	M	ØP	Kablo Rakoru Cable Gland
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	12 0	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

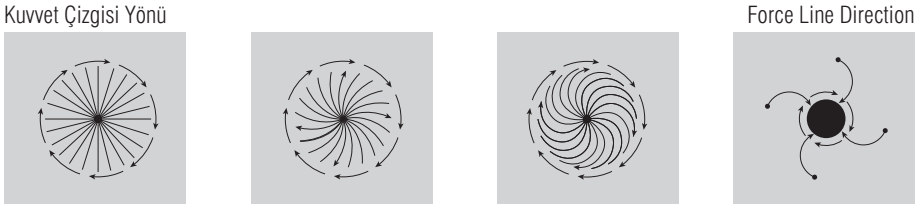
AFV, AFV-M 4 poles 1500 rpm - 50 Hz / 1800 rpm - 60 Hz

	Model Type	Gövde Size	A	ØB	ØC	ØD	ØH	N	E	F	G	QI	L	M	ØP	Kablo Rakoru Cable Gland
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
	AFV 2500/15	60	535	350	200	305	21.5	6	284	70	20	-	-	148	200	M20X1,5
	AFV 4500/15	80	664	400	270	355	21.5	6	364	80	27	-	-	154.5	270	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	12.5	6	176	60	12	102.5	244	115	170	M20X1,5



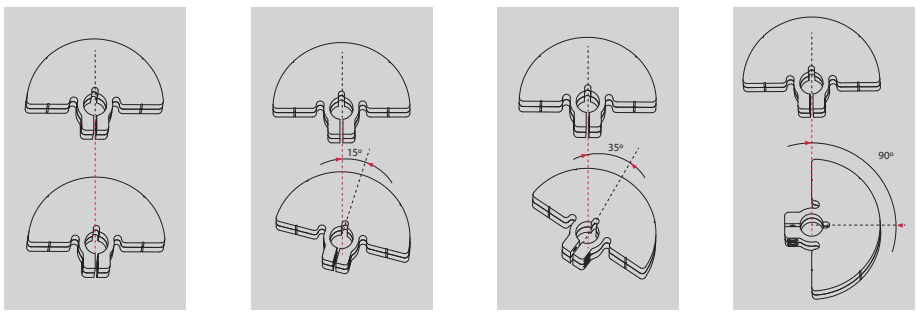
Eksantrik Ağırlık Ayarı ve Çalışma Prensibi | Eccentric Weight Adjustment and Operating Principle

Kuvvet Çizgisi Yönü



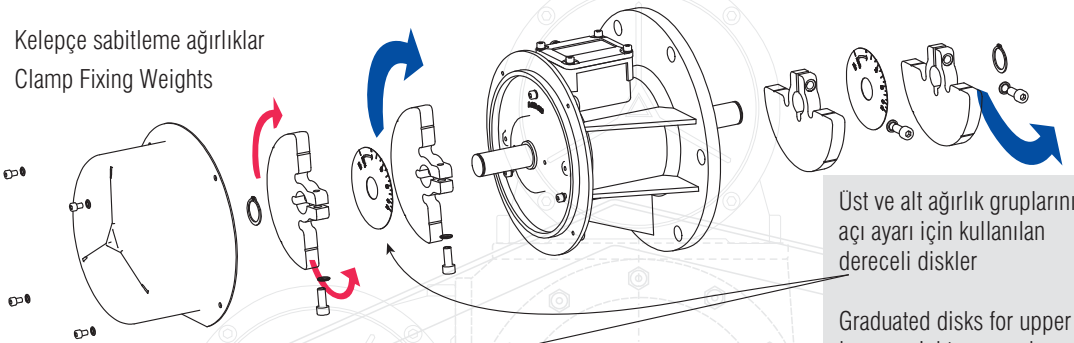
Force Line Direction

Ağırlıkların Dereceli Düzenlenmesi



Eccentric Weight Group Relative Regulation

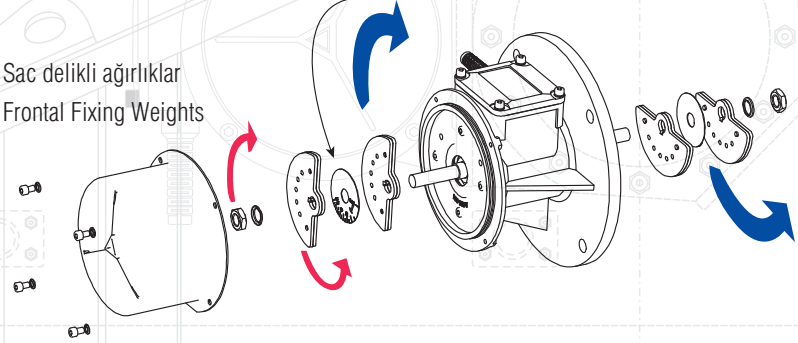
Kelepçe sabitleme ağırlıklar
Clamp Fixing Weights



Üst ve alt ağırlık gruplarının açı ayarı için kullanılan dereceli diskler

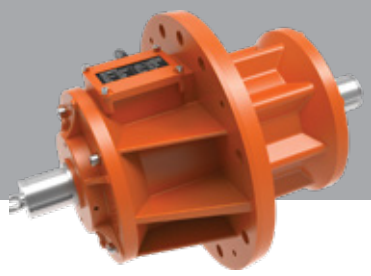
Graduated disks for upper and lower weight group phase shift

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



TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

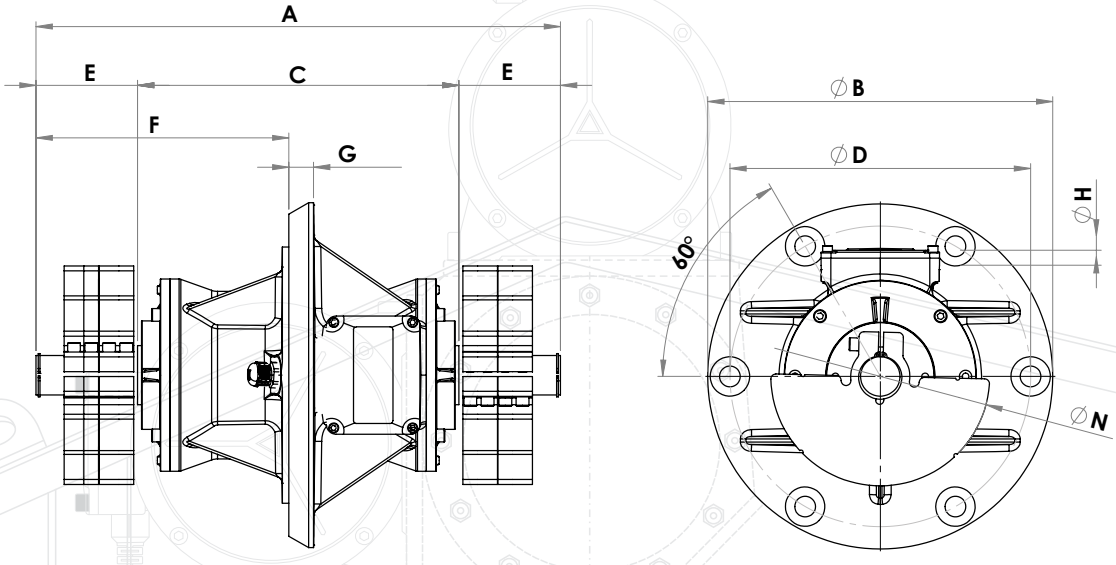
AFV-C 4 poles 1500 rpm-50 Hz / 1800 rpm - 50 Hz

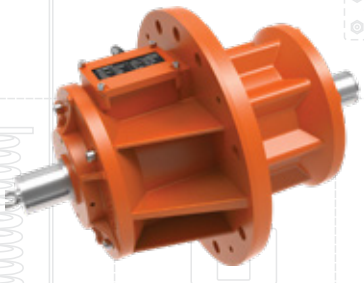
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F) 50 Hz	Santrifüj Kuvveti Centrifugal Force (Kg/F) 60 Hz	Santrifüj Kuvveti Centrifugal Force (kN) 50 Hz	Santrifüj Kuvveti Centrifugal Force (kN) 60 Hz	Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)	
three-phase	AFV-C 1510/15	60	1500	1500	14,7	14,7	55,5	55,5	1100	1200	2,10	2,00
three-phase	AFV-C 2500/15	60	2500	2500	24,5	24,5	78,0	77,0	2150	2700	3,90	4,10
three-phase	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
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

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

	Model Type	Gövde Size	Gövde Ölçüleri - Overall Dimensions (mm) A	ØB	C	ØD	ØH	E	F	G	N	Cable Gland Kablo Rakoru
three-phase	AFV-C 1510/15	60	532	350	334	305	21.5	99	256,5	27	222	M20x1.5
three-phase	AFV-C 2500/15	60	532	350	334	305	21.5	99	256,5	27	222	M20x1.5
three-phase	AFV-C 4500/15	80	619	398	310	355	21.5	100	294,5	30	283	M20x1.5





TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

Yüksek Frekanslı Beton Kalıp Vibratörleri

> Prefabrik yapı elemanları üreten tesislerde kullanılan tüm beton kalıp sistemleri için uygundur.

> Metro, hızlı tren ve HES projelerinde kullanılan tünel kalıpları ile segment beton kalıplarında etkin şekilde kullanılır.

> Havalimanı, stadyum ve otoyol şantiyelerinde yerinde döküm yapılan tüm çelik prekast ve konvansiyonel kalıplar için ideal çözümler sunar.

> Beton kalıpların dış yüzeyine monte edilen yüksek frekanslı elektrikli vibrasyon motorlarıdır.

> Taze betonun kalıp içerisinde segregasyona uğramadan homojen şekilde yerleşmesini sağlar ve yüksek kaliteli beton yüzey elde edilmesine katkı sağlar.

> Avibro Vibrasyon Motorları, standart katalog değerlerinin dışında farklı devir, frekans ve santrifüj kuvveti seçenekleri ile özel olarak üretilebilir. Bu sayede farklı beton kalıp sistemleri için optimum vibrasyon çözümleri sunar.

> Avibro Vibrasyon Motorları, GGG40 sfero döküm gövde yapısı sayesinde yüksek dayanım sunar; zorlu çalışma koşullarında aşınmaya ve darbelere karşı üstün direnç gösterir.

> Tam sızdırmazlık özelliğine sahip olan Avibro Vibrasyon Motorları; yüksek sıcaklık, yoğun buhar, basınçlı su ve ağır şantiye tozuna karşı tam koruma sağlar.

> Avibro Vibrasyon Motorlarında NJ serisi ağır hizmet rulmanları kullanılmakta olup, ömür boyu yağlama gerektirmeyecek şekilde izole edilmiştir.

> Beton kalıplarında taşıma ve yer değiştirme işlemleri için opsiyonel fiber kord askı sistemi ile güvenli ve pratik kullanım sağlar.

High Frequency Concrete Formwork Vibrators

> Suitable for all concrete mould systems used in precast concrete production facilities.

> Effectively used in tunnel formworks and segment moulds in metro, high-speed railway, and hydroelectric power plant projects.

> Provides ideal solutions for all steel precast and conventional formworks used in cast-in-place applications at airport, stadium, and highway construction sites.

> High-frequency electric vibration motors mounted on the external surfaces of concrete moulds.

> Ensures that fresh concrete is evenly distributed without segregation, resulting in high-quality and homogeneous concrete surfaces.

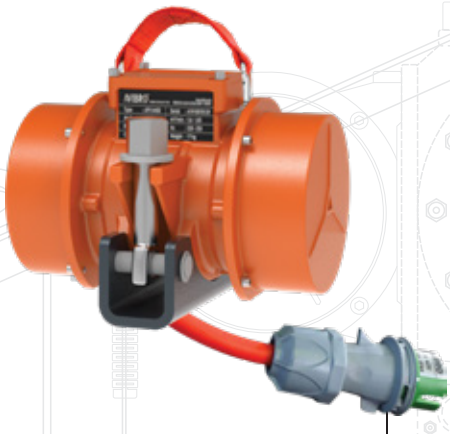
> Avibro Vibration Motors can be specially manufactured beyond standard catalogue values with different speeds, frequencies, and centrifugal forces, providing optimum vibration solutions for various concrete mould applications.

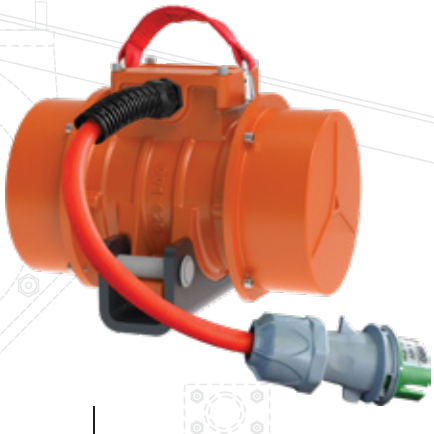
> Avibro Vibration Motors feature a robust GGG40 sphero cast iron housing, offering high durability and excellent resistance to wear and impact under harsh operating conditions.

> With full sealing capability, Avibro Vibration Motors are protected against high temperatures, steam, pressurized water, and heavy dust conditions commonly encountered on construction sites.

> Avibro Vibration Motors are equipped with NJ series heavy-duty bearings, designed to operate without the need for relubrication.

> For handling and positioning of concrete moulds, an optional fiber rope lifting system provides safe and practical operation.



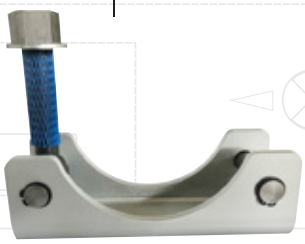


KP Konvertör Makine Prizi / Socket ext. Mounting

VM Vibratör Mesnedi / Quick Release Clamp

SP Seyyar Priz / Coupler Socket

VF Vibratör Fişi / Vibrator Plug



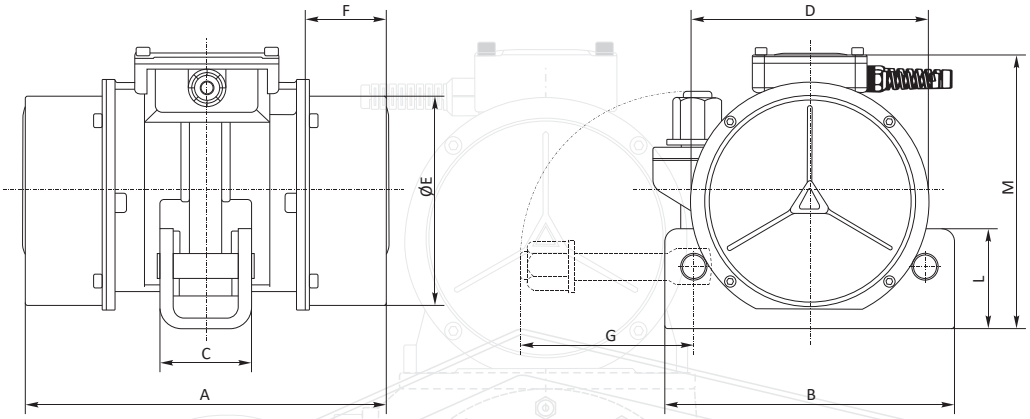
APV 200 Hz - 6000 rpm / 150 Hz - 9000 rpm / 200 Hz - 12000 rpm

	Model Type	Gerilim Voltage (V)	Faz Phase	Frekans Frequency (Hz)	Nominal Akım Nom. Current (A)	Giriş Gücü Input Power (W)	Devir rpm	(*)Statik Moment Statical Moment (m^1) (Kgmm)	Santrifüj Kuvveti Centrifugal Force (Kg/F)	Santrifüj Kuvveti Centrifugal Force (kN)	Ağırlık Weight (Kg)
three-phase	APV 1200/6	42 / 55	3	200	15	950	6000	27,98	1126	11,04	19,5
	APV 1500/6	42 / 55	3	200	20	1500	6000	38,52	1550	15,20	20,0
	APV 1800/9	42 / 55	3	150	14	900	9000	19,93	1805	17,70	20,0
	APV 2200/9	42 / 55	3	150	23	1750	9000	23,19	2100	20,60	22,5
	APV 2600/12	42 / 55	3	200	15	900	12000	16,20	2607	25,57	21,0

(*) Working moment = 2x static moment

APV 200 Hz - 6000 rpm / 150 Hz - 9000 rpm / 200 Hz - 12000 rpm

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



PV-A

Teknik Veri | Technical Data

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 (m¹)	Ağırlık Weight	Giriş Gücü Input Power	Nominal Akım Nom. Current	Gerilim Voltage	Frekans Frequency	Devir rpm
			(Kg/F)	(kN)	(Kgmm)	(Kg)	(W)	(A)	(V)	(Hz)	
three-phase	PV-A 400/42	20	392	3,84	9,7	8,3	400	8,7	42-55~3	200	6000
	PV-A 400/230	20	311	3,05	30,9	8,3	400	113,6	230~1	50	3000
	PV-A 400/400	20	387	3,79	38,4	8,3	400	1,1	400~3	50	3000
	PV-A 400/115	20	374	3,66	9,2	8,3	400	3,4	115~1	200	6000

(*) Working moment = 2x static moment

Değişken Frekanslı Vibrasyon Motorları

> PV-A Serisi vibrasyon motorları, özellikle brüt beton uygulamalarında; plywood ve çelik kalıplarda, perde beton, viyadükler ve yoğun donatılı sistemlerde kullanılan taze betonun segregasyona uğramadan etkin şekilde sıkıştırılması için geliştirilmiştir.

> PV-A serisi vibrasyon motorları,

-Bina ve tünel kalıplarında,
-Kolon, viyadük ve perde beton kalıplarında,
-Üst yapı ve altyapı uygulamalarında, beton boru kalıplarında,
-Vibrasyon masalarında,

yoğun donatılı ahşap ve çelik beton kalıplarında, taze betonun güvenilir, homojen ve problemsiz şekilde sıkıştırılması için kullanılır.

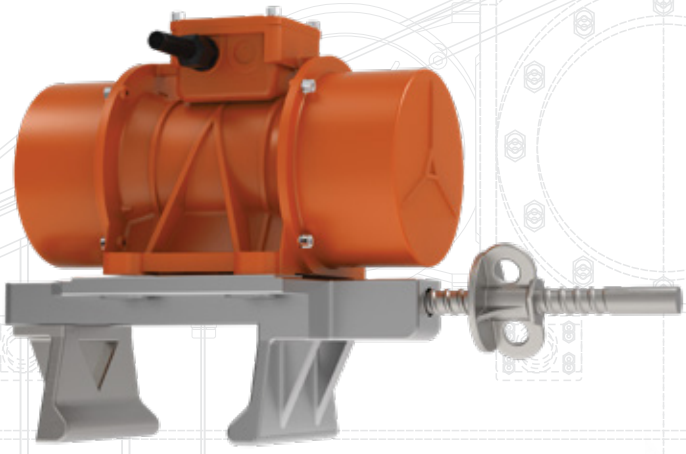
Variable Frequency Vibration Motors

> PV-A Series vibration motors are specially designed for fair-faced concrete applications, ensuring effective compaction of fresh concrete without segregation in plywood and steel formworks, shear walls, viaducts, and heavily reinforced structures.

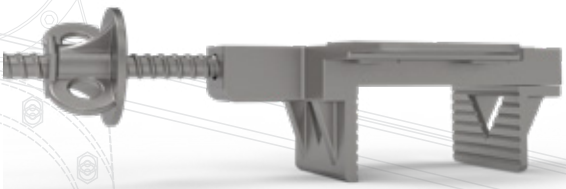
> PV-A series vibration motors,

- Building and tunnel formworks,
- Column, viaduct, and shear wall formworks,
- Infrastructure and superstructure applications, including concrete pipe moulds
- Vibration tables,

They provide reliable, homogeneous, and trouble-free compaction of fresh concrete in heavily reinforced wooden and steel formwork systems.



PV-A 400 → Çelik Kalıp için / for Steel Formwork



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

PV-A 500 → Ahşap Kalıp için / for Wooden Formwork

* 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

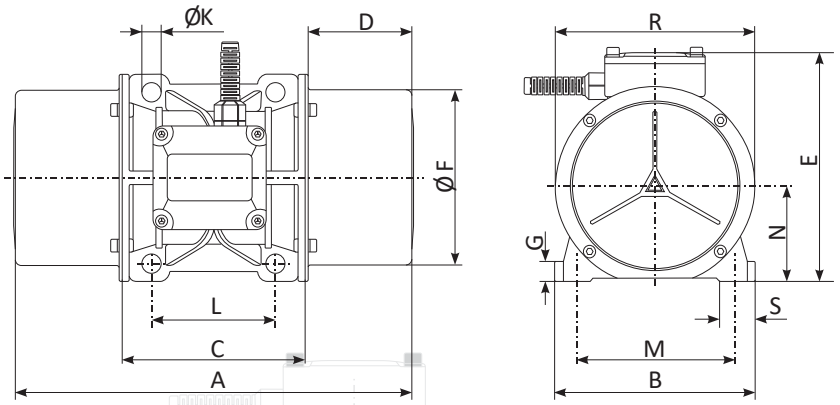
PV-A Teknik Veri | Technical Data

TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

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	A	289	150,5	134	77,5	172	128	150	90	125	13,5	4	--	14	27	71,5
	PV-A 400/230	20	A	289	150,5	134	77,5	172	128	150	90	125	13,5	4	--	14	27	71,5
	PV-A 400/400	20	A	289	150,5	134	77,5	172	128	150	90	125	13,5	4	--	14	27	71,5
	PV-A 400/115	20	A	289	150,5	134	77,5	172	128	150	90	125	13,5	4	--	14	27	71,5

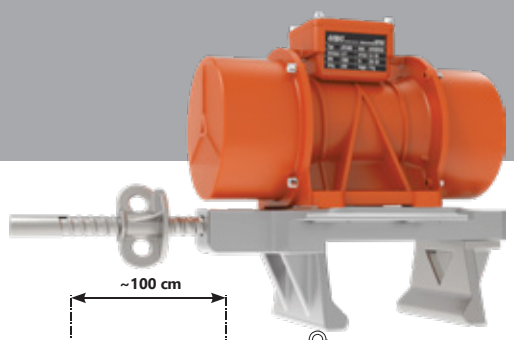
Fig. A

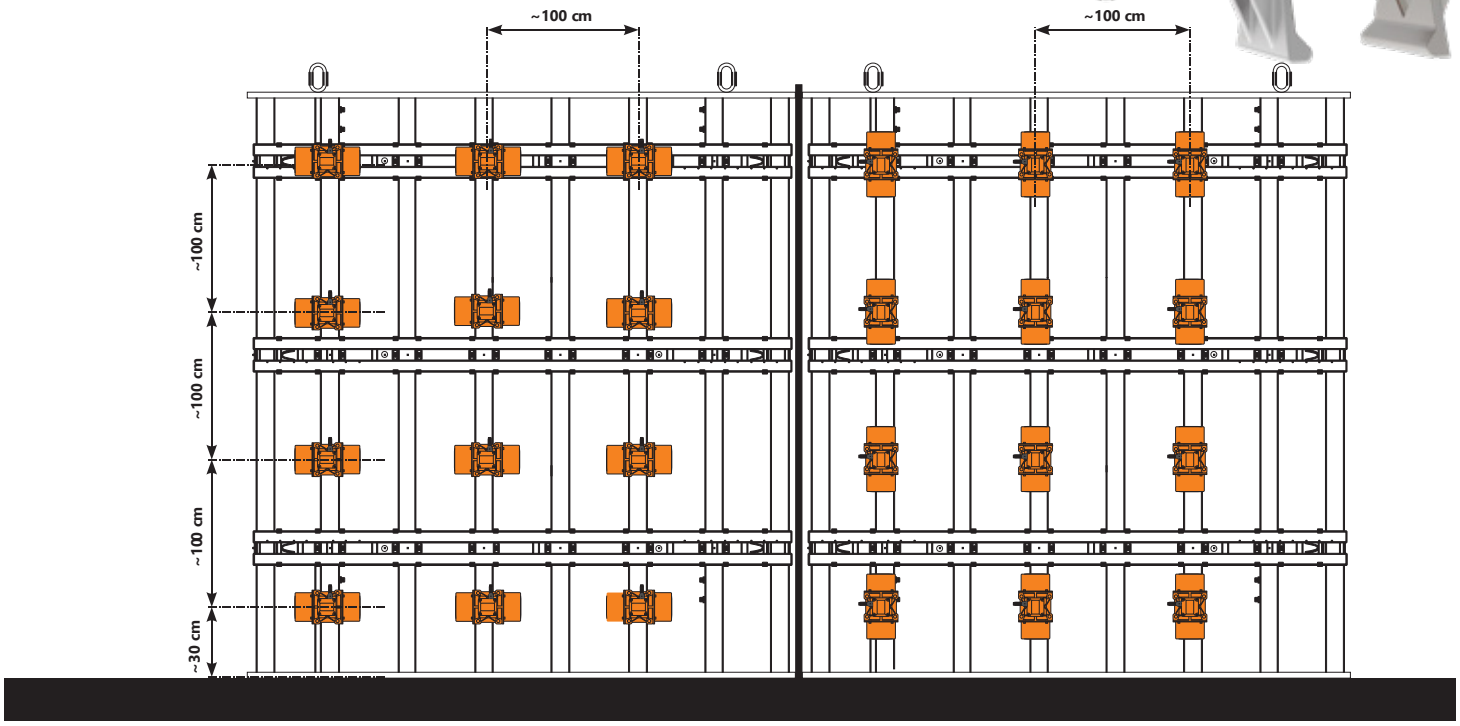


PV-AF Teknik Veri | Tecnical Data

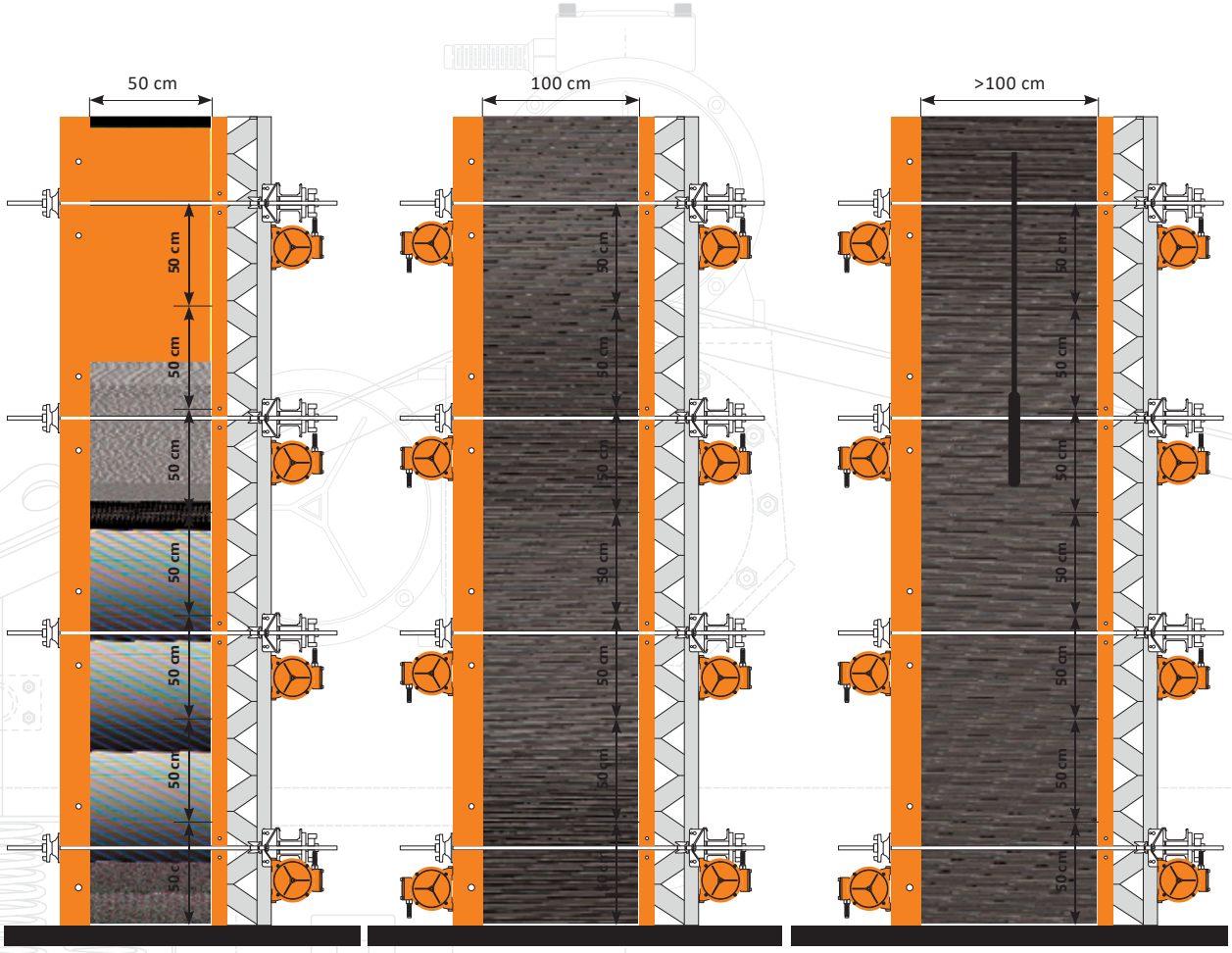
PV-AF Elektronik Frekans Konvertörleri | Variable Electronical Frequency Converters

	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
Figure 1: Placement of systematic vibration motors on wooden and steel concrete moulds

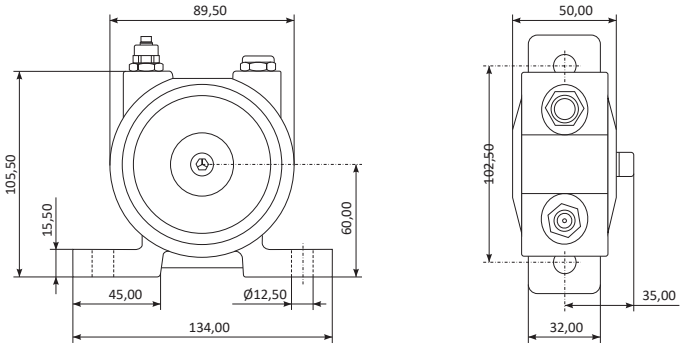


Şekil 2: PV-A serisi vibrasyon motorunun etkili sıkıştırma derinliği.
Figure 2: Placement of PV-A series vibration motors efficient depth of compacting.

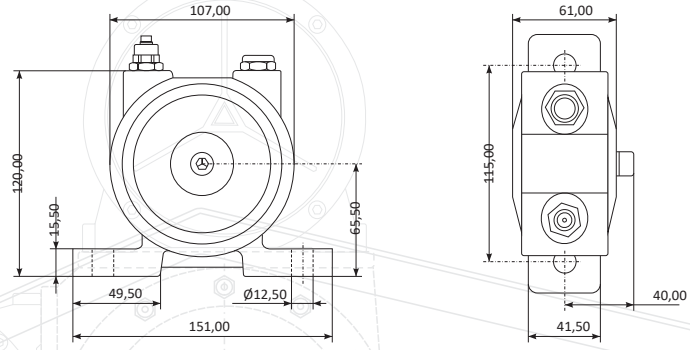
II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T 85°C Db
I M2 Ex h I
Tamb (-20 °C / +60 °C)

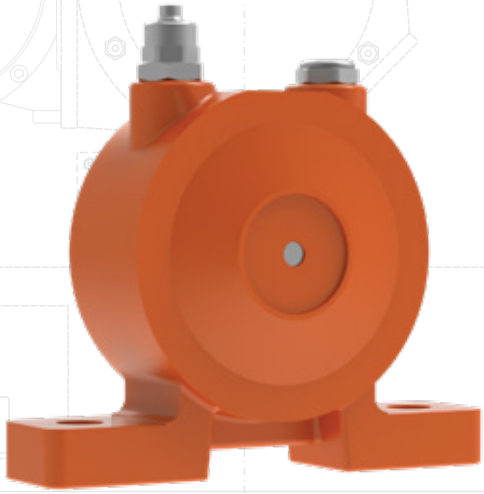
Model Type	Devir/dk - Santrifüj Kuvveti - Hava Tüketimi RPM - Centrifugal Force - Air Consumption															Ağırlık Weight
	4 bar			5 bar			6 bar			7 bar			8 bar			
	rpm (rpm)	S.K C.F (kg/f)	Hava Cons. (m³/1')	rpm (rpm)	S.K C.F (kg/f)	Hava Cons. (m³/1')	rpm (rpm)	S.K C.F (kg/f)	Hava Cons. (m³/1')	rpm (rpm)	S.K C.F (kg/f)	Hava Cons. (m³/1')	rpm (rpm)	S.K C.F (kg/f)	Hava Cons. (m³/1')	(Kg)
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 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 ayrışmaya 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. Kırılmaz, aşınmaz bütünlükte yüksek mühendislik ile tasarlanmış ve imal edilmiştir.

High Frequency Pneumatic Formwork Vibrators

> 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 segrega tion.

> 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 sphero cast iron body. It is designed and manufactured with high engineering in unbreakable, wear-free integrity.

VM Vibratör Mesnedi
Quick Release Clamp

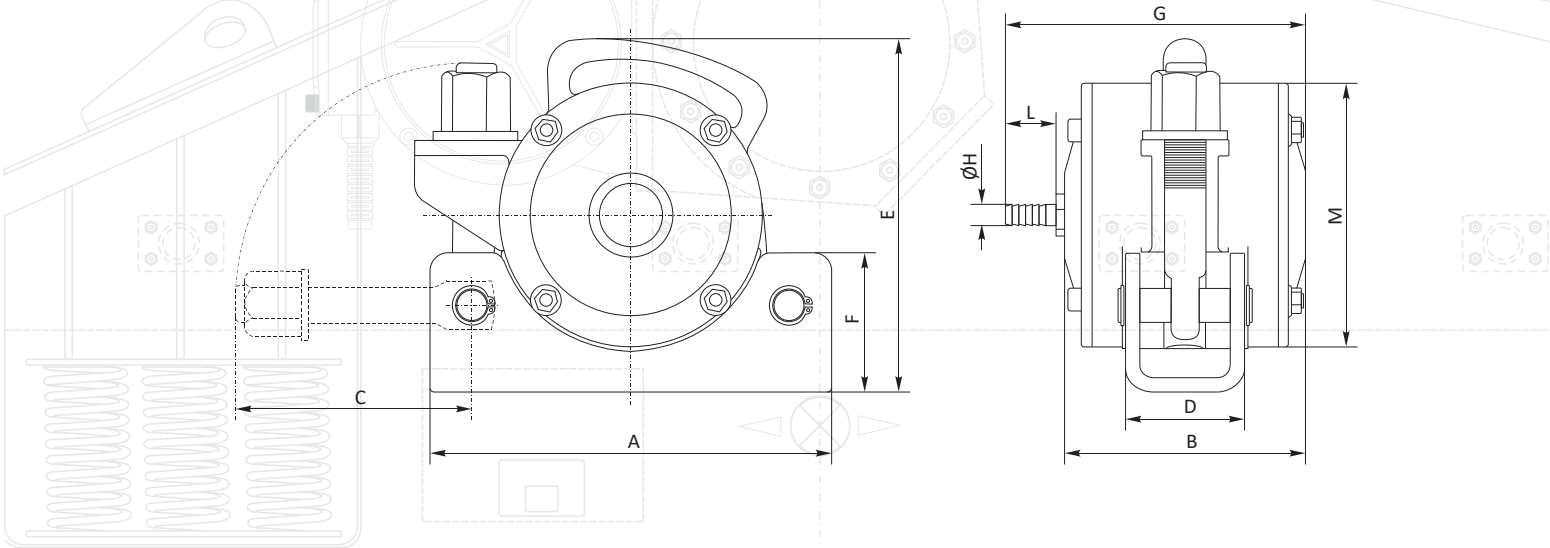
PVM

Teknik Veri | Technical Data

II 2G Ex h IIC T6 Gb
II 2D Ex h IIIC T 85°C Db
I M2 Ex h I
Tamb (-20 °C / +60 °C)

Model Type	Gövde Size	Dış Çap Outter Diameter		Ağırlık Weight		Basınçlı Hava Compressedair				(*)Santrifüj Kuvveti / Frekans Centrifugal Power / Frequency				
		INCH	mm	LBS	Kg	PSI	BAR	CFM	m³/dk	Kgmm(m¹)	Kg/f	kN	Hz	VIBR.min
PVM 106	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
PVM 108	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
PVM 110	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
PVM 214	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
PVM 216	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
PVM 220	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
PVM 224	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



Elektronik Frekans Konvertörleri

> 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.

Electronical 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.

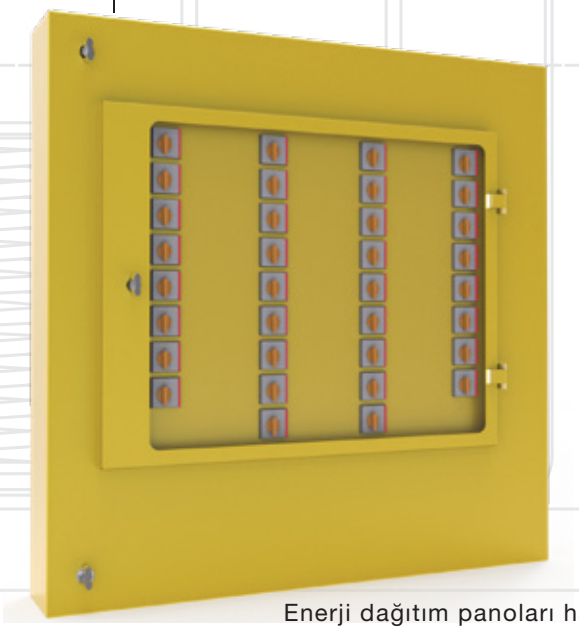
> Our converters are fixed at certain points, providing the advantage of use with energy distribution panels.

VMK Konvertör Makine Prizi / Socket ext. Mounting

VSP 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.

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	220-230 V / 50 Hz	3 Amp.	42-55 V	45 Amp.	1
BFC-T 45/1	380-400 V / 50 Hz	3 Amp.	42-55 V	45 Amp.	1
BFC-M 60/2	220-230 V / 50 Hz	5 Amp.	42-55 V	60 Amp.	2
BFC-T 60/2	380-400 V / 50 Hz	5 Amp.	42-55 V	60 Amp.	2
BFC-M 60/3	220-230 V / 50 Hz	5 Amp.	42-55 V	60 Amp.	3
BFC-T 60/3	380-400 V / 50 Hz	5 Amp.	42-55 V	60 Amp.	3
BFC 120/4	380-400 V / 50 Hz	12,5 Amp.	42-55 V	120 Amp.	4
BFC 180/6	380-400 V / 50 Hz	17 Amp.	42-55 V	180 Amp.	6
BFC 220/8	380-400 V / 50 Hz	25 Amp.	42-55 V	220 Amp.	8
BFC 250/10	380-400 V / 50 Hz	32 Amp.	42-55 V	250 Amp.	10
BFC 300/12	380-400 V / 50 Hz	36 Amp.	42-55 V	300 Amp.	12

TP TC 012/2011
II 2D Ex tb IIIC T 120°C Db,IP 66
Tamb (-20 °C / +60 °C)

ABV Yüksek Ayaklı Kalıp Vibrasyon Motorları - 6000 rpm 100 - 200 Hz

Açıklama / Description		Mekanik Özellikler / Mechanical Specifications				Elektriksel Özellikler / Electrical Specifications		
	Model Type	Santrifüj Kuvveti Centrifugal Force		Frequency	Ağırlık Weight	Input Power	Voltage 3*	(**)Nominal Akım Nom. Current
		(Kg/F)	(kN)	(Hz)	(Kg)	(W)	(V)	(A)
three-phase	ABV 800/6	815	8,00	200	10,00	680	250	2,10
	ABV 801/6	815	8,00	200	9,00	680	42	12,60
	ABV 1000/6	1019	10,00	200	16,00	1000	250	3,20
	ABV 1001/6	1019	10,00	200	19,00	1000	42	19,00
	ABV 1200/6	1223	12,00	200	17,00	1200	250	3,60
	ABV 1201/6	1223	12,00	200	15,00	1200	250	3,60
	ABV 1400/6	1427	14,00	200	17,00	1200	250	3,60
	ABV 1401/6	1427	14,00	200	15,00	1200	42	21,50
	ABV 1402/6	1427	14,00	100	15,00	1200	220 /380	3,90/2,40
	ABV 1403/6	1427	14,00	200	15,00	1200	250	3,60

ABV Yüksek Ayaklı Kalıp Vibrasyon Motorları - 6000 rpm 100 - 200 Hz

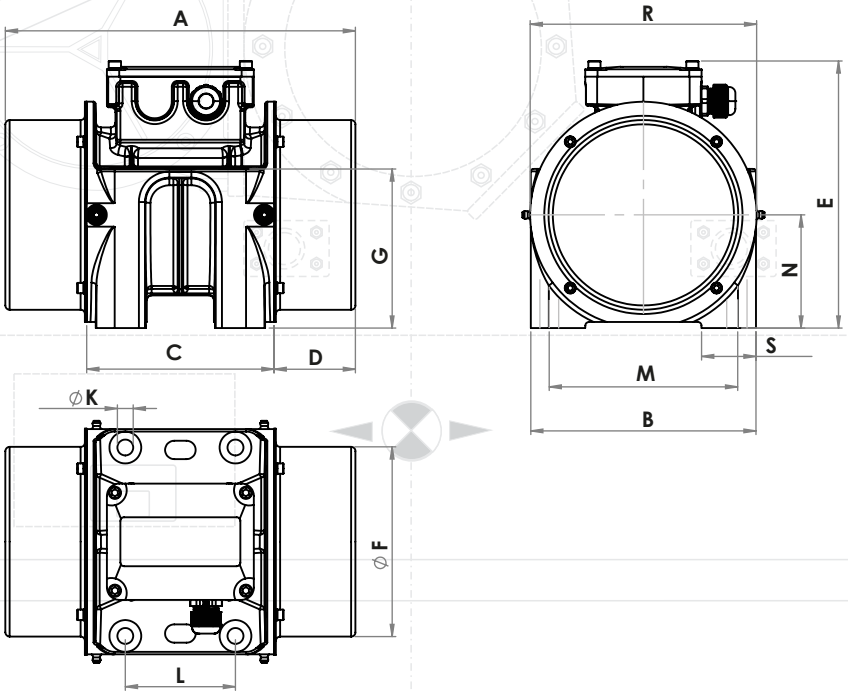
Açıklama / Description		Mekanik Özellikler / Mechanical Specifications				Elektriksel Özellikler / Electrical Specifications		
	Model Type	Santrifüj Kuvveti Centrifugal Force		Frequency	Ağırlık Weight	Input Power	Voltage 3*	(**)Nominal Akım Nom. Current
		(Kg/F)	(kN)	(Hz)	(Kg)	(W)	(V)	(A)
three-phase	ABV 1000/61	1019	10,00	100	16,00	600	380	2,30
	ABV 1001/61	1019	10,00	100	16,00	600	220	3,90
	ABV 1400/61	1427	14,00	100	16,00	600	380	2,30
	ABV 1401/61	1427	14,00	100	17,00	600	220	3,90
	ABV 1402/61	1427	14,00	100	16,00	600	380	2,30

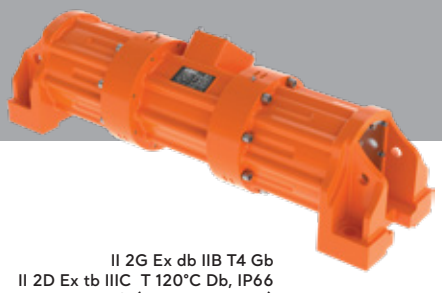
ABV Yüksek Ayaklı Kalıp Vibrasyon Motorları - 6000 rpm 100 - 200 Hz

	Model Type	Gövde Ölçüleri - Overall Dimensions (mm)													
		A	B	C	D	E	ØF	R	L	M	ØK		G	S	N
three-phase	ABV 800/6	286	184	153	66,5	218	155	185	90	125	13	4	130	44,5	92,5
	ABV 801/6	286	184	153	66,5	218	155	185	90	125	13	4	130	44,5	92,5
	ABV 1000/6	286	184	153	66,5	218	155	185	90	154	13	4	130	44,5	92,5
	ABV 1001/6	286	184	153	66,5	218	155	185	90	154	13	4	130	44,5	92,5
	ABV 1200/6	286	184	153	66,5	218	155	185	90	154	13	4	130	44,5	92,5
	ABV 1201/6	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5
	ABV 1400/6	286	184	153	66,5	218	155	185	90	154	13	4	130	44,5	92,5
	ABV 1401/6	286	184	153	66,5	218	155	185	90	154	13	4	130	44,5	92,5
	ABV 1402/6	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5
	ABV 1403/6	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5

ABV Yüksek Ayaklı Kalıp Vibrasyon Motorları - 6000 rpm 100 - 200 Hz

	Model Type	Gövde Ölçüleri - Overall Dimensions (mm)													
		A	B	C	D	E	ØF	R	L	M	ØK		G	S	N
three-phase	ABV 1000/61	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5
	ABV 1001/61	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5
	ABV 1400/61	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5
	ABV 1401/61	286	184	153	66,5	218	155	185	108	125	13	4	130	44,5	92,5
	ABV 1402/61	286	184	153	66,5	218	155	185	90	154	13	4	130	44,5	92,5





II 2G Ex db IIB T4 Gb
II 2D Ex tb IIIC T 120°C Db, IP66
Tamb (-20 °C / +50 °C)

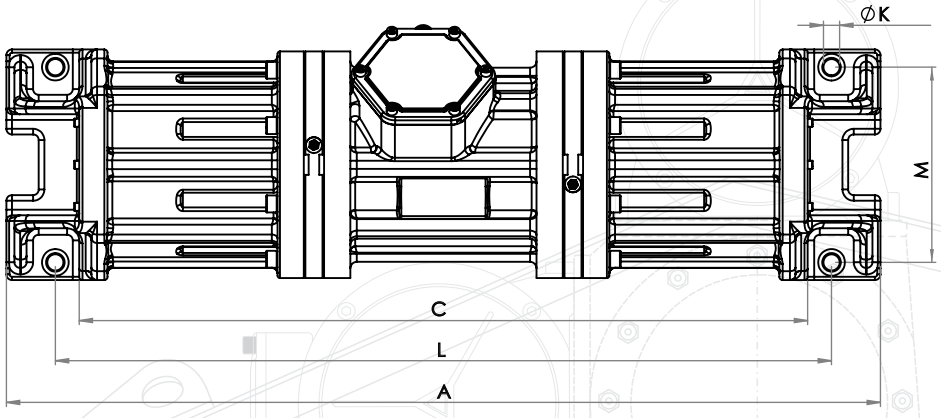
AVL 4 poles 1500 rpm - 50 Hz / 1800 rpm - 60 Hz

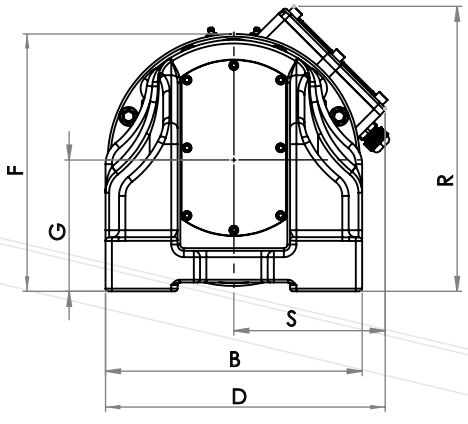
	Açıklama / Description		Mekanik Özellikler / Mechanical Specifications								Elektriksel Özellikler / Electrical Specifications					
	Model Type	Gövde Size	Santrifüj Kuvveti Centrifugal Force (Kg/F)			(kN)	(*)Statik Moment Statical Moment (m¹) (Kgmm)		Ağırlık Weight (Kg)		Giriş Gücü Input Power (W)		(**)Nominal Akım Nom. Current (A)		IA / INnt	
			50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	400V 50Hz	460V 60Hz	50Hz	60Hz
three-phase	AVL 3800/15	70	3500	3500	34,3	34,3	6,1	4,7	180	169	2270	2250	4,00	3,50	6,55	8,10
three-phase	AVL 3810/15	70	3500	3500	34,3	34,3	15,2	9,8	180	169	2270	2250	4,00	3,500	6,55	8,10

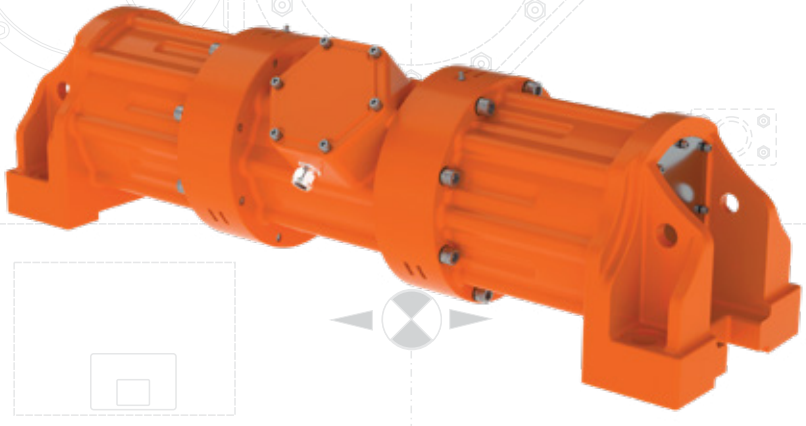
(*) Working moment = 2x static moment
Ia / In = başlangıç akımı ile maksimum akım arasındaki oran./ ratio between start-up current and maximum current.
(**) Inverter Kullanımı 3faz 220V / use of Inverter 3phase 220V

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

	Model Type	Gövde Ölçüleri - Overall Dimensions (mm)												
		A	B	C	D	E	F	R	L	M	ØK		G	S
three-phase	AVL 3800/15	1080	285	900	310,5	218	286	316,5	959	229	29	4	146	168
three-phase	AVL 3810/15	1080	285	900	310,5	218	286	316,5	959	214,3	20	4	146	168

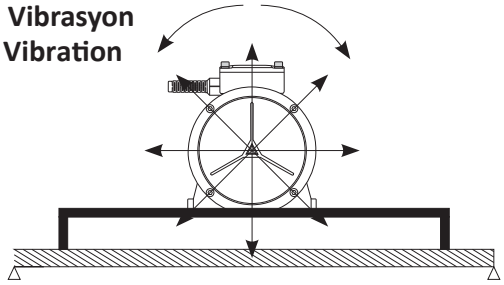




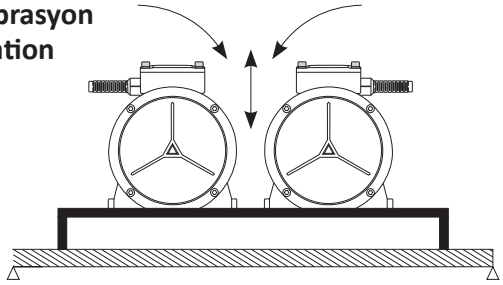


Vibrasyon Motoru Nasıl Seçilir ?
How To Choose Vibration Motor ?

Dairesel Vibrasyon
Circular Vibration



Doğrusal Vibrasyon
Linear Vibration



Uygulamalar / Applications	Vibrasyon / Vibration		Devir / Rotation									rpm	Salınım Oscillation S (mm)	
			50 Hz					60 Hz						
	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 ağzı 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/dm^3) = 29.411 dm^3/saat
> KANAL KESİT ALANI:
8 dm X 3 dm = 24 dm^2
Ürün akışı = Kanal kesit alanının yarısı = 12 dm^2
> BESLENME HIZI:
(29.411 dm^3/saat) / (12 dm^2) = 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

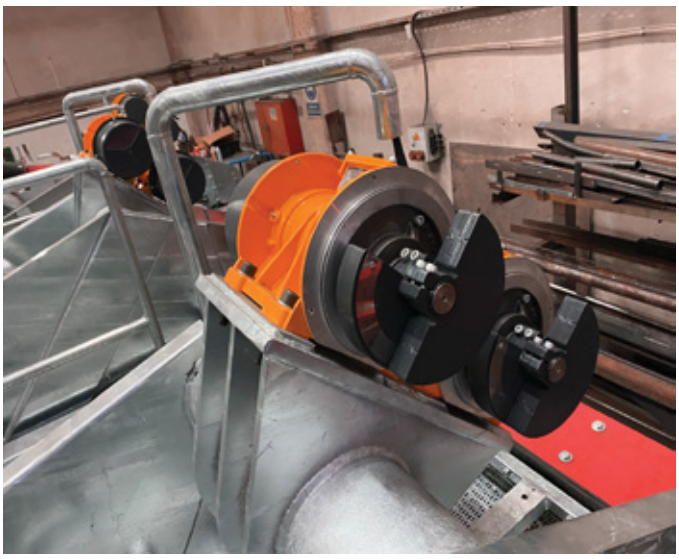
> CAPACITY:
(50.000 kg/h) / (1,7 Kg/dm^3) = 29.411 dm^3/h
> VESSEL SECTION AREA:
8 dm X 3 dm = 24 dm^2
The flow of the goods = Half of vessel section area = 12 dm^2
> SPEED OF THE FEEDING:
(29.411 dm^3/h) / (12 dm^2) = 2.450 dm/h
2.450 dm/h=245 m/h=24.500 cm/h=6,80cm/sec
> TOTAL WEIGHT:
Vessel Weight= 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 = 3.588 Kg
Power for each vibrator = 1.794 Kgf / Vibrator

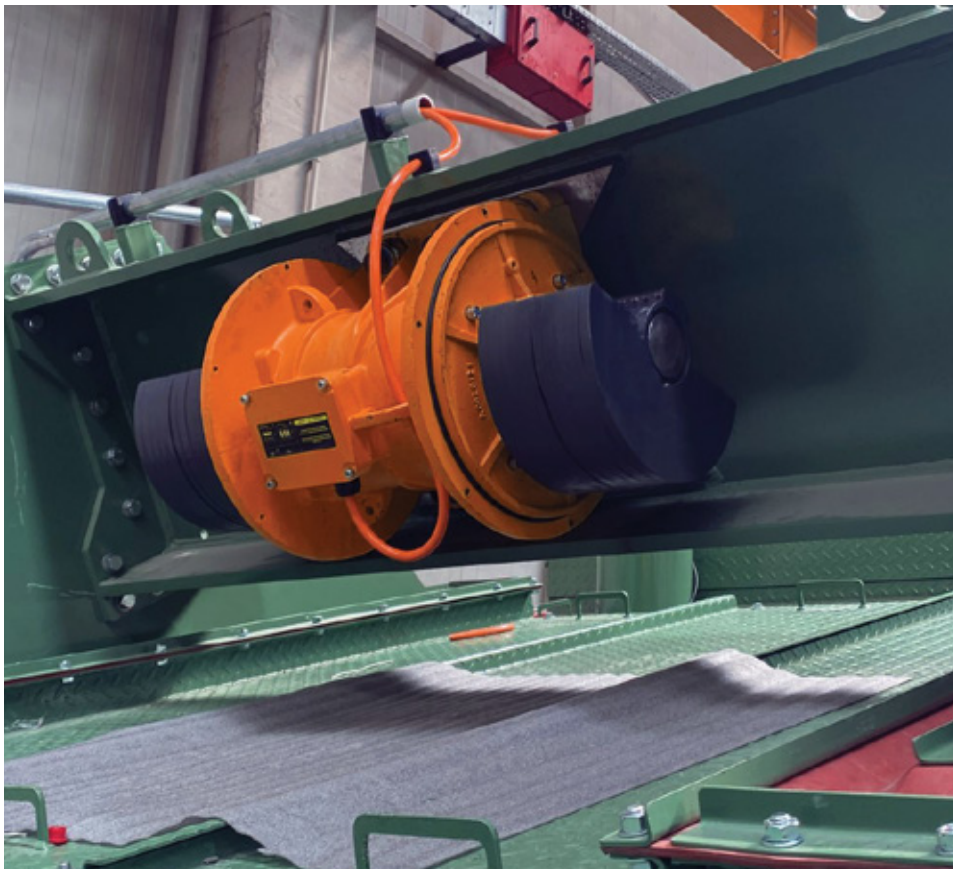
s = vibrasyon genliği / amplitude of vibration - 0-max (mm)
n = vibrasyon motor adedi / number of vibration motors
m^1 = Çalışma momenti / working moment (kgcm)
M_{mot} = motor kilosu / motor weight
M_{vm} = makine ağırlığı (malzeme ve motorlar hariç)
vibration machine weight (without material and motors)

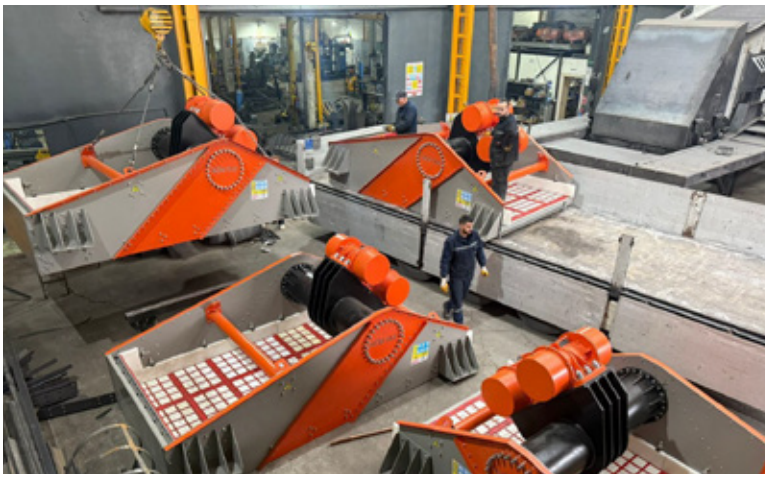
$$s = 5 \times \frac{n \times m^1}{n \times M_{mot} + M_{vm}}$$

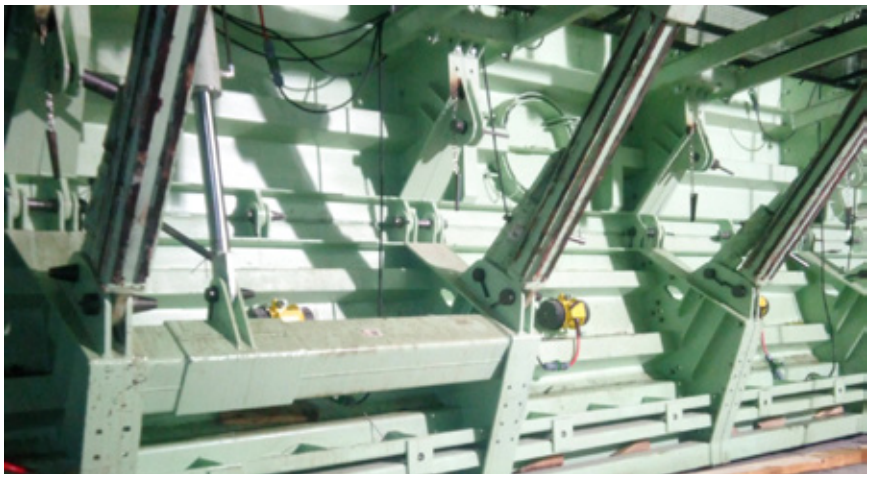

YM YINMAK

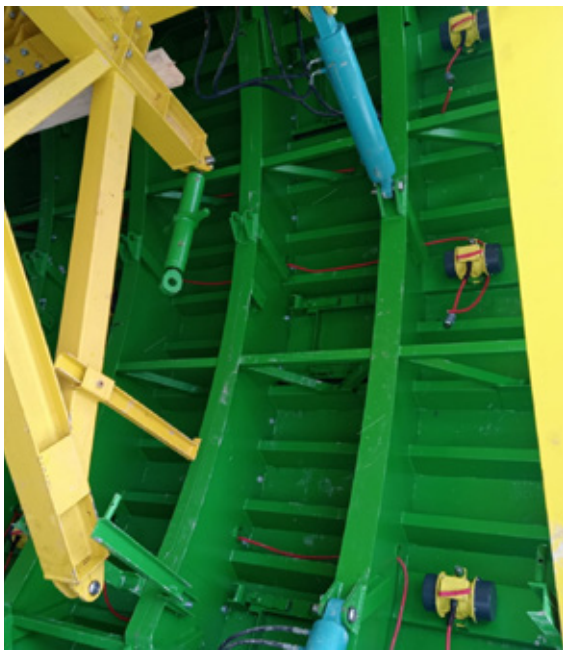

YINMAK









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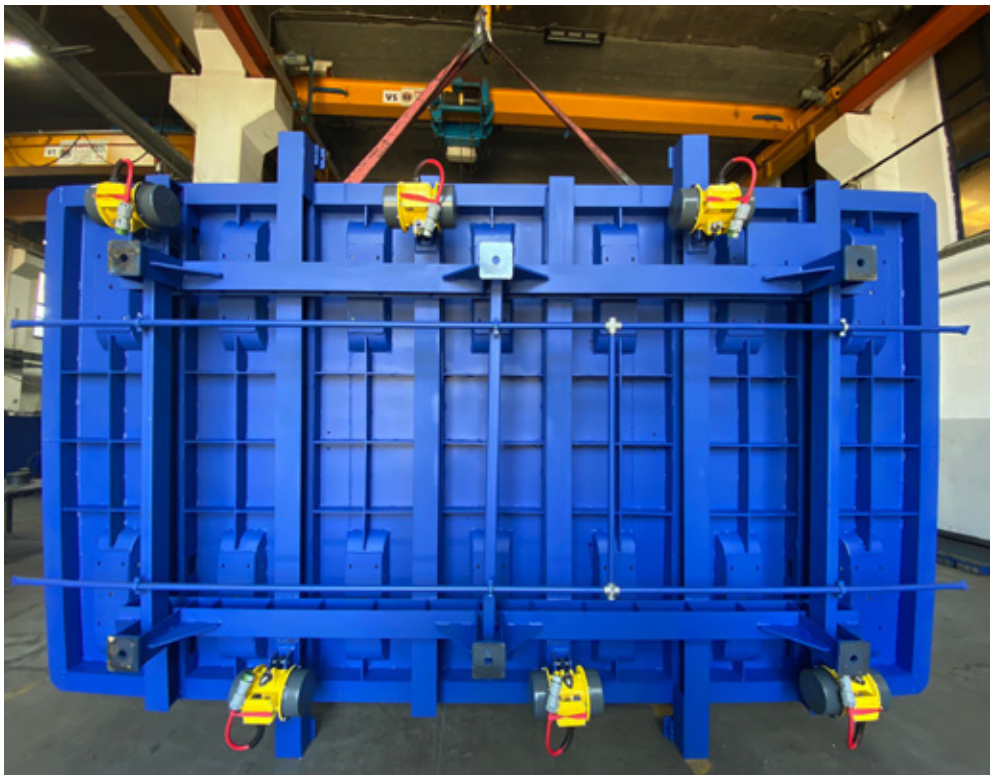

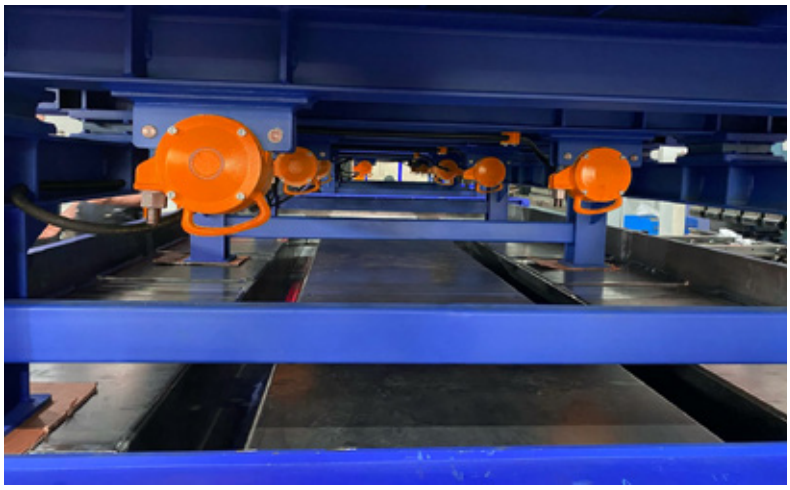

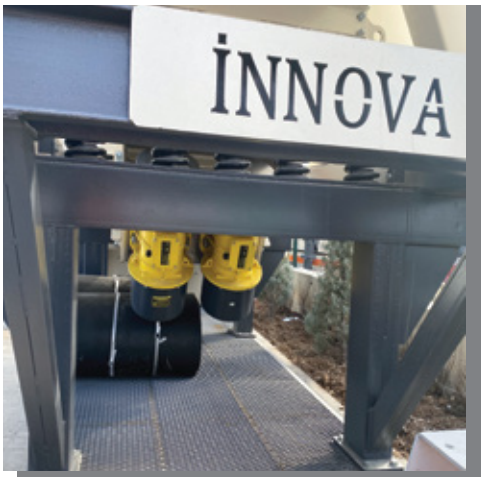
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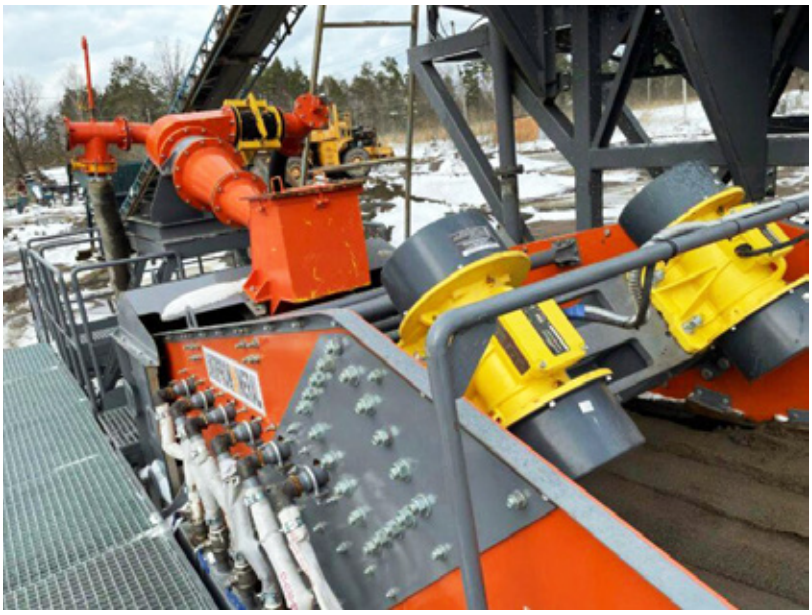


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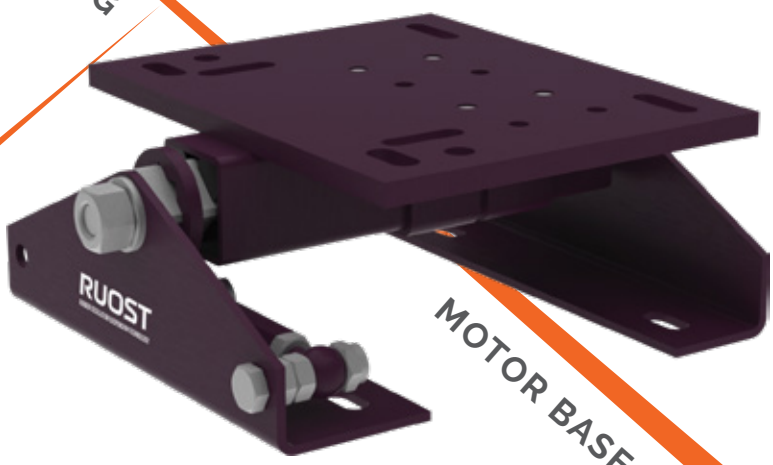

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