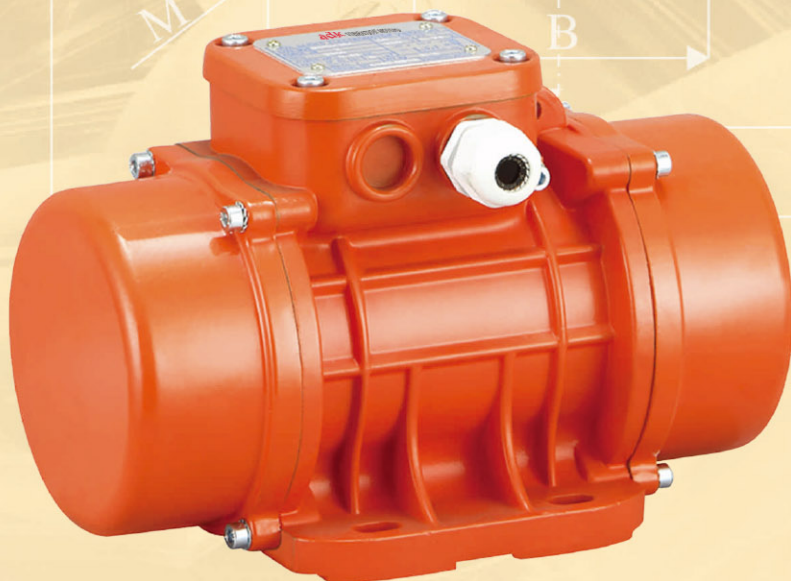


# adk

## **VIBRATION MOTOR** (Motor Getar)



**PL** PARSIAL DUA TEKNIK

DISTRIBUTOR DINAMO MOTOR 1 & 3PHASE, GEAR BOX,  
POMPA SENTRIFUGAL, INVERTER VSD, PLCI, HMI, REWINDING

**WA: 0813-1027-4716**

# PRODUCT BREAKDOWN DIAGRAM

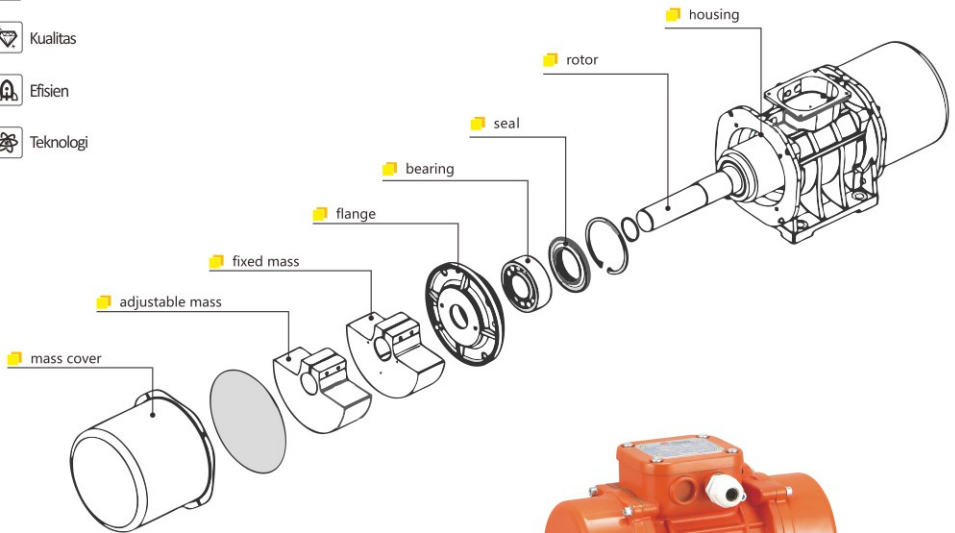
Diagram Bagian dari Produk

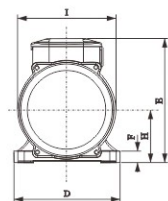
 Lingkungan

 Kualitas

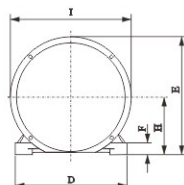
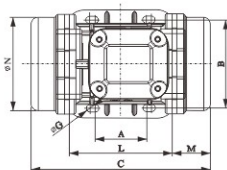
 Efisien

 Teknologi

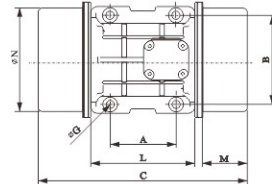




A



B

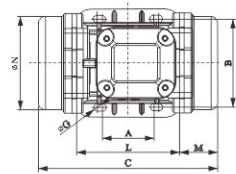
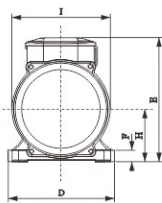


2 POLES-3000 rpm

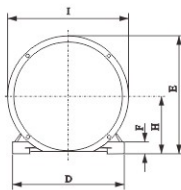
Type	Vibrating Force kg	kn	Power(KW)	Efficiency(%)	Current(A)	Weight(kg)	Size
ADK-2.60	71	0.7	0.08	46	0.17	5.6	10
ADK-2.100	99	1	0.1	44	0.21	5.9	10
ADK-2.200	198	2	0.17	60	0.35	7.0	10
ADK-2.400	400	4	0.3	74	0.58	10.8	20
ADK-2.500	516	5	0.45	77	1.10	18.8	30
ADK-2.700	750	7	0.5	77	1.25	20	30
ADK-2.800	788	8	0.55	79	1.45	21.5	30
ADK-2.1200	1018	10	0.75	82	1.85	22.5	30
ADK-2.1300	1386	13	1.1	76	2.44	24.5	30
ADK-2.1600	1571	16	1.27	81	2.94	51.6	40
ADK-2.1800	1848	18	1.5	81	3.75	52	40
ADK-2.2000	2033	20	2	83	4.07	51.8	40
ADK-2.2300	2310	23	2	83	4.44	53.6	40
ADK-2.3200	3250	32	2.2	76	5.5	96.9	50
ADK-2.4000	4030	40	3.1	76	5.8	107	50
ADK-2.5000	5070	50	3.5	83	7.4	111.2	50

2 POLES-3000 rpm

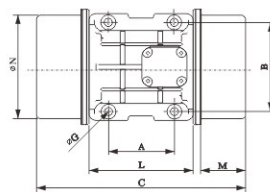
Type	A	B	C	D	E	F	ΦG	H	I	L	M	N	Cable Gland	Fig
ADK-2.60	62-74	106	231	131	159	15	9	64	121	123	54	112	M20x1.5	A
ADK-2.100	62-74	106	231	131	159	15	9	64	121	123	54	112	M20x1.5	A
ADK-2.200	62-74	106	231	131	159	15	9	64	121	123	54	112	M20x1.5	A
ADK-2.400	90	125	273	155	175	15	13	79	142	163	55	131	M20x1.5	B
ADK-2.500	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-2.700	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-2.800	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-2.1200	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-2.1300	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-2.1600	140	190	421	229	262	30	17	120	247	225	80	222	M25x1.5	B
ADK-2.1800	140	190	421	229	262	30	17	120	247	225	80	222	M25x1.5	B
ADK-2.2000	140	190	421	229	262	30	17	120	247	225	80	222	M25x1.5	B
ADK-2.2300	140	190	421	229	262	30	17	120	247	225	80	222	M25x1.5	B
ADK-2.3200	155	255	553	302	318	35	25	147	295	288	115	264	M32x1.5	B
ADK-2.4000	155	255	553	302	318	35	25	147	295	288	115	264	M32x1.5	B
ADK-2.5000	155	255	553	302	318	35	25	147	295	288	140	264	M32x1.5	B



A



B

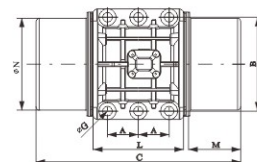
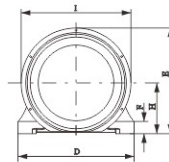
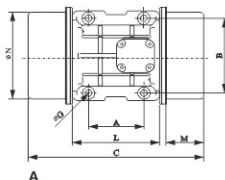
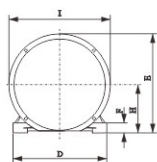


4 POLES-1500 rpm

Type	Vibrating Force kg		Power(KW)	Efficiency(%)	Current(A)	Weight(kg)	Size
ADK-4.40	40	0.4	0.04	33	0.26	5.9	10
ADK-4.80	80	0.8	0.09	36	0.31	7.4	10
ADK-4.200	183	2	0.18	50	0.49	11.8	20
ADK-4.400	388	4	0.3	60	0.84	23.5	30
ADK-4.500	518	5	0.37	68	1.06	24.2	30
ADK-4.700	693	7	0.55	77	1.32	27.4	30
ADK-4.800	807	8	0.6	73	1.36	28.3	30
ADK-4.1100	1045	11	0.6	73	1.45	35.8	30
ADK-4.1400	1406	14	0.85	75	1.90	59.8	40
ADK-4.1700	1757	17	1.1	68	2.09	68.8	40
ADK-4.2400	2420	24	1.6	71	3.2	79	40
ADK-4.3000	3065	30	2.3	79	3.80	125	50
ADK-4.3800	3830	38	2.5	78	4.15	130.4	50
ADK-4.4300	4312	43	3.0	78	4.5	134.4	50
ADK-4.5500	5576	55	3.5	73	6.5	192.2	60
ADK-4.7200	7188	72	5.0	75	9.6	253	70
ADK-4.9000	8984	90	5.8	83	13.4	268.6	70
ADK-4.10000	10052	100	6.3	82	14.4	311.8	80

4 POLES-1500 rpm

Type	A	B	C	D	E	F	ΦG	H	I	L	M	N	Cable Gland	Fig
ADK-4.40	62-74	106	221	130	136	12	9	48	94	121	54	86	M20x1.5	A
ADK-4.80	62-74	106	231	131	159	15	9	64	121	123	54	112	M20x1.5	A
ADK-4.200	90	125	273	154	175	15	13	79	142	163	55	131	M20x1.5	B
ADK-4.400	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-4.500	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-4.700	120	170	362	208	210	22	17	94	180	205	78	170	M20x1.5	B
ADK-4.800	120	170	451	208	210	22	17	94	180	205	123	170	M20x1.5	B
ADK-4.1100	120	170	451	208	210	22	17	94	180	205	123	170	M20x1.5	B
ADK-4.1400	140	190	453	229	262	30	17	120	247	225	96	222	M25x1.5	B
ADK-4.1700	140	190	453	229	262	30	17	120	247	225	96	222	M25x1.5	B
ADK-4.2400	140	190	519	229	262	30	17	120	247	225	129	222	M25x1.5	B
ADK-4.3000	155	255	603	302	318	35	23.5	147	295	288	140	264	M32x1.5	B
ADK-4.3800	155	255	603	302	318	35	23.5	147	295	288	140	264	M32x1.5	B
ADK-4.4300	155	255	603	302	318	35	23.5	147	295	288	140	264	M32x1.5	B
ADK-4.5500	180	280	603	332	360	37	26	168	345	304	130	310	M32x1.5	B
ADK-4.7200	200	320	608	378	411	49	28	200	424	325	120	378	M32x1.5	B
ADK-4.9000	200	320	608	378	411	49	28	200	424	325	120	378	M32x1.5	B
ADK-4.10000	125	380	726	452	430	44	39	204	422	367	160	378	M32x1.5	C



A

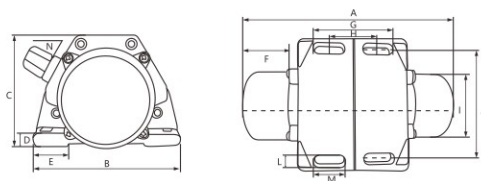
B

# 6 POLES-1000 rpm

Type	Vibrating Force kg	kn	Power(KW)	Efficiency(%)	Current(A)	Weight(kg)	Size
ADK-6.50	51	0.5	0.03	25	0.38	10.4	20
ADK-6.200	185	1.8	0.15	58	0.63	19.6	30
ADK-6.300	308	3	0.2	64	0.74	26.6	30
ADK-6.400	408	4	0.25	68	0.82	30.5	30
ADK-6.500	510	5	0.37	67	1.22	34	30
ADK-6.800	781	7.8	0.5	66	1.26	61.8	40
ADK-6.1100	1067	11	0.55	68	1.42	79.4	40
ADK-6.1400	1378	14	0.7	68	1.95	81.7	40
ADK-6.1500	1500	15	0.7	68	2	83.6	40
ADK-6.1600	1600	16	0.75	73	2.06	85.4	40
ADK-6.2100	2026	21	1.1	73	2.88	114.3	50
ADK-6.2600	2573	26	1.5	77	3.63	148.6	50
ADK-6.3000	2931	30	1.7	77	4.17	155.4	50
ADK-6.3800	3835	38	2	80	4.67	215.6	60
ADK-6.4700	4721	47	2.35	81	6.01	230.8	60
ADK-6.5200	5193	52	2.6	81	6.92	279.8	70
ADK-6.6500	6491	65	2.9	81	7.76	304.4	70
ADK-6.8000	8018	80	4.5	82	12.6	325.2	70
ADK-6.9000	8936	90	5	81	13.2	337.8	70
ADK-6.10000	10170	100	6.2	83	14.3	385.8	80
ADK-6.13000	12700	130	7	84	16	422.2	80

# 6 POLES-1000 rpm

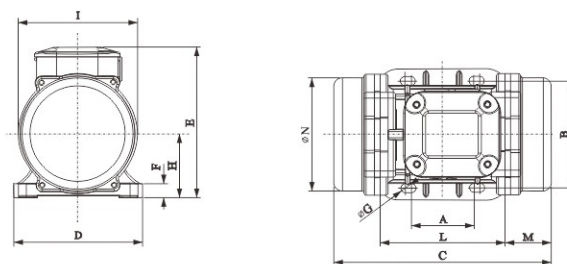
Type	A	B	C	D	E	F	ΦG	H	I	L	M	N	Cable Gland	Fig
ADK-6.50	90	125	273	154	175	15	13	79	142	163	55	131	M20x1.5	A
ADK-6.200	120	170	451	208	210	22	17	94	180	205	123	170	M20x1.5	A
ADK-6.300	120	170	451	208	210	22	17	94	180	205	123	170	M20x1.5	A
ADK-6.400	120	170	451	208	210	22	17	94	180	205	123	170	M20x1.5	A
ADK-6.500	120	170	451	208	210	22	17	94	180	205	123	170	M20x1.5	A
ADK-6.800	140	190	519	229	262	30	17	120	247	225	129	222	M25x1.5	A
ADK-6.1100	140	190	519	229	262	30	17	120	247	225	129	222	M25x1.5	A
ADK-6.1400	140	190	567	229	262	30	17	120	247	225	154	222	M25x1.5	A
ADK-6.1500	140	190	567	229	262	30	17	120	247	225	154	222	M25x1.5	A
ADK-6.1600	140	190	567	229	262	30	17	120	247	225	154	222	M25x1.5	A
ADK-6.2100	155	255	603	302	318	35	23.5	147	295	288	140	264	M32x1.5	A
ADK-6.2600	155	255	723	302	318	35	23.5	147	295	288	200	264	M32x1.5	A
ADK-6.3000	155	255	723	302	318	35	23.5	147	295	288	200	264	M32x1.5	A
ADK-6.3800	180	280	683	332	360	37	26	168	345	304	170	310	M32x1.5	A
ADK-6.4700	180	280	733	332	360	37	26	168	345	304	195	310	M32x1.5	A
ADK-6.5200	200	320	688	378	411	49	28	200	424	325	160	378	M32x1.5	A
ADK-6.6500	200	320	688	378	411	49	28	200	424	325	160	378	M32x1.5	A
ADK-6.8000	200	320	788	378	411	49	28	200	424	325	210	378	M32x1.5	A
ADK-6.9000	200	320	788	378	411	49	39	200	424	325	210	378	M32x1.5	A
ADK-6.10000	125	380	826	452	430	44	39	204	422	367	210	378	M32x1.5	B
ADK-6.13000	125	380	926	452	430	44	39	204	422	367	260	378	M32x1.5	B



2 POLES 3000 rpm

Type	Vibrating Force kg kn		Power(KW)	Current(A)	Weight(kg)	Capacitor(μF)	Size
ADK-2.20S	20	0.2	0.02	0.1	1.5	1.5	5

Type	A	B	C	D	E	F	G	H	I	J	L	M	N
ADK-2.20S	150	112	67	9	18	34	50	34	58	96	9	20	M16x1.5



2 POLES SINGLE-PHASE-3000 rpm

Type	Vibrating Force kg kn		Power(KW)	Current(A)	Weight(kg)	Capacitor(μF)	Size
ADK-2.60S	66	0.7	0.08	0.43	5.7	4	10
ADK-2.100S	99	1	0.1	0.54	5.9	5	10
ADK-2.200S	197	2	0.13	0.71	6.8	5	10
ADK-2.300S	311	3	0.29	1.58	10	12	20
ADK-2.400S	400	4	0.31	1.68	10.8	12	20

Type	A	B	C	D	E	F	ΦG	H	I	L	M	N	Cable Gland	Fig
ADK-2.60S	62-74	106	231	130	159	15	9	64	120	123	54	112	M20x1.5	A
ADK-2.100S	62-74	106	231	130	159	15	9	64	120	123	54	112	M20x1.5	A
ADK-2.200S	62-74	106	231	130	159	15	9	64	120	123	54	112	M20x1.5	A
ADK-2.300S	90	125	275	155	177	14	13	79	142	163	55	132	M20x1.5	A
ADK-2.400S	90	125	275	155	177	14	13	79	142	163	55	132	M20x1.5	A

# VIBRATION INTENSITY ADJUST

Intensitas Getar Menyesuaikan



Lingkungan



Kualitas

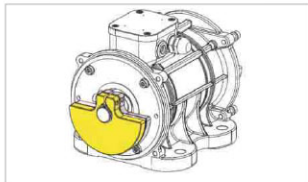


Efisien

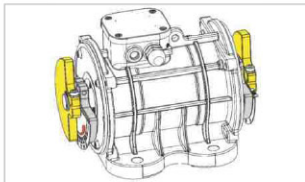


Teknologi

## Adjustable masses - Type A Massa yang disesuaikan - Tipe A



MASSES AT 100%  
Massa 100%



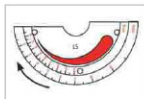
ADJUSTED MASSES  
Massa Menyesuaikan



WRONG ADJUSTED MASSES  
Penyesuaian Massa Salah

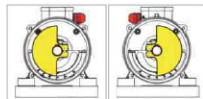
Rotate the mass following the design on the plate: from the thicker tip towards the thin tip.

Putar massa mengikuti desain di cakram:  
dari ujung yang lebih tebal ke arah dip tipis



Rotate the masses in the opposite direction to the cable gland.

Putar massa ke arah yang berlawanan dengan kabel gland



## Adjustable masses - Type B Massa yang disesuaikan - Tipe B



MASSES AT 100%  
Massa 100%



ADJUSTED MASSES  
Massa Menyesuaikan

The fissure in the mass indicates the degree of adjustment.

Celah dalam massa menunjukkan tingkat penyesuaian



Rotate the mass following the design on the plate: from the thicker tip towards the thin tip.

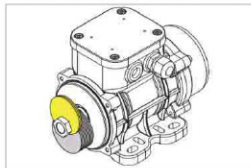
Putar massa mengikuti desain di cakram:  
dari ujung yang lebih tebal ke arah dip tipis



## Adjustable masses - Type C (blade masses) Massa yang disesuaikan - Tipe C (massa pisau)



MASSES AT 100%  
Massa 100%



ADJUSTED MASSES  
Massa Menyesuaikan

Number of blades

The force reduced if turn up one blade on both side

5+5

40

8+8

25

9+9

22.2

12+12

16.7

13+13

15.4



**DO NOT grease new motors before installation.** Jangan melumasi motor baru sebelum pemasangan

OLI motors with roller bearings already come from the factory filled with the right quantity of grease while those with ball bearing do not need greasing.

Oli motor dengan bantalan rol sudah berasal dari pabrik diisi dengan jumlah pelumas yang tepat sementara yang dengan bantalan bola tidak perlu pelumasan