

CDX 36 EXPLOSION-PROOF ELECTRIC VIBRATOR SERIES

three-phase

2 poles		
Hz	50	60
RPM	3000	3600



DESCRIPTION							MECHANICAL FEATURES						ELECTRICAL FEATURES			
Part Number	Model	Frame Size	cSP ^{us}	cUL ^{us}	Ex G.D	PG	Static Moment* in-lbs		Centrifugal Force lbs		Weight lbs		Power Output HP		Max Current A	
							50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz
600384	CDX 36-650	10	•				2.6	1.8	669	653	25.3	24.2	0.24	0.25	0.60	0.50
600385	CDX 36-1040	20	•				4.3	2.8	1107	1036	37.4	35.2	0.44	0.52	0.80	0.75
600387	CDX 36-1660	30	•				6.8	4.5	1727	1659	51.3	49.3	0.67	0.70	1.10	1.00
600389	CDX 36-2530	35		•	•	•	9.6	6.3	2431	2334	74.8	72.6	0.64	0.74	0.90	0.93
600437	CDX 36-3530	40		•	•	•	14.0	9.7	3575	3524	123	118	1.1	1.2	1.62	1.72
600317	CDX 36-4600	50		•	•	•	18.2	12.5	4651	4576	136	134	1.2	1.5	1.71	1.85
600320	CDX 36-5060	60		•	•	•	19.3	13.8	4919	5060	182	175	2.0	2.2	3.23	3.20
600323	CDX 36-7040	70		•	•	•	29.9	18.7	7605	6846	238	229	3.4	3.4	5.23	5.00
600486	CDX 36-10500	80		•	•	•	40.8	28.6	10362	10472	317	306	4.9	4.9	7.13	6.60

* Working Moment = 2 x Static Moment. Static Moment = Unbalance.
For 230 V, 60 Hz amperage, double the 460 V, 60 Hz amperage.

Class I, Groups C and D, Class II, Groups E, F and G. Temperature Class T4 (135°C). File No. E129825.

Class I, Groups C and D, Class II, Groups E, F and G. Temperature Class T4 (135°C). File No. LR100948.

Product approved for European Directive 94/9/EC: ATEX II2GD, Ex d IIB 120°C, tD A21 IP66 120°C. EN 60079-0, EN 60079-1, EN 61241-0, EN 61241-1. Certificate No. DEMKO 07 ATEX 0612032X.

Product approved for IECEx Scheme: Ex d IIB 120°C, tD A21 IP66 120°C. IEC 60079-0, IEC 60079-1, IEC 61241-0, IEC 61241-1. Certificate No. IECEx UL 09.0034X.

GOST-R certificate and GGTN permit for Ex d explosion proof electric vibrators. Compliance with GOST R 51330.0-99, GOST R 51330.1-99, GOST-R IEC 61241-1-1-99. Certificate No. POCC IT.Г504.В01164

single-phase

DESCRIPTION							MECHANICAL FEATURES						ELECTRICAL FEATURES			
Part Number	Model	Frame Size	cSP ^{us}	cUL ^{us}	Ex G.D	PG	Static Moment* in-lbs		Centrifugal Force lbs		Weight lbs		Power Output HP		Max Current A	
							50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	400 V 50 Hz	460 V 60 Hz
600384	CDX 36-650	10	•				2.6	1.8	669	653	25.3	24.2	0.24	0.27	1.25	2.40
600385	CDX 36-1040	20	•				4.3	2.8	1107	1036	37.4	35.2	0.46	0.47	2.30	4.50
600387	CDX 36-1660	30	•				6.8	4.5	1727	1659	51.3	49.3	0.60	0.67	3.25	7.00

* Working Moment = 2 x Static Moment. Static Moment = Unbalance.



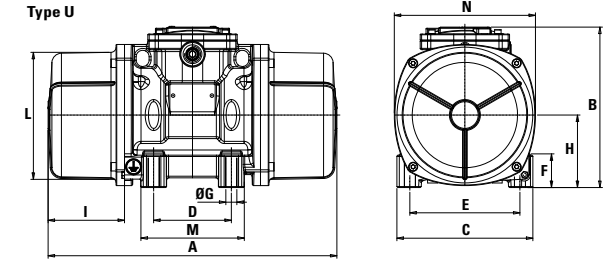
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Hz	50	60
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OVERALL DIMENSIONS (inches)														
Model	Type	A	B	C	D	E	Foot holes		F	H	I	L	M	N
							øG	N°						
CDX 36-650	U	10.04	7.52	5.98	3.54	4.92	0.51	4	1.10	3.05	2.13	5.12	5.04	5.91
CDX 36-1040	U	11.34	8.58	6.57	4.13	5.51	0.51	4	1.18	3.54	2.56	5.91	5.51	6.89
CDX 36-1660	U	12.36	9.07	8.07	4.72	6.69	0.67	4	1.77	4.02	2.60	6.97	6.38	7.87
CDX 36-2530	U	14.25	9.78	8.27	4.72	6.69	0.67	4	2.05	4.41	2.99	7.56	6.30	8.58
CDX 36-3530	U	18.43	10.96	9.25	5.51	7.48	0.67	4	2.56	4.57	4.25	8.27	7.28	8.86
CDX 36-4600	U	20.47	10.96	9.25	5.51	7.48	0.87	4	2.56	4.57	5.28	8.27	7.28	8.86
CDX 36-5060	U	22.52	12.28	10.63	6.10	8.86	0.87	4	2.05	5.31	5.75	9.39	7.87	9.96
CDX 36-7040	U	23.39	13.48	12.20	6.10	10.04	0.93	4	2.56	6.10	5.39	10.98	8.27	11.61
CDX 36-10500	U	24.80	14.45	13.19	7.09	11.02	1.02	4	2.76	6.89	5.91	11.93	9.25	12.60



Several sizes are available with different mounting bolt patterns. Please contact sales office at Italvibras.

single-phase

OVERALL DIMENSIONS (inches)																
Model	Type	A	B	C	D	E	Foot holes		F	H	I	L	M	N	Capacitor (µF)	
							øG	N°							220 V 50 Hz	115 V 60 Hz
CDX 36-650	U	10.04	7.52	5.98	3.54	4.92	0.51	4	1.10	3.05	2.13	5.12	5.04	5.91	16	25
CDX 36-1040	U	11.34	8.58	6.57	4.13	5.51	0.51	4	1.18	3.54	2.56	5.91	5.51	6.89	12.5	50
CDX 36-1660	U	12.36	9.07	8.07	4.72	6.69	0.67	4	1.77	4.02	2.60	6.97	6.38	7.87	25	90

