

CDX 12 EXPLOSION-PROOF ELECTRIC VIBRATOR SERIES

three-phase

6 poles		
Hz	50	60
RPM	1000	1200



Part Number	Model	DESCRIPTION						MECHANICAL FEATURES						ELECTRICAL FEATURES			
		Frame Size	cSP ^{US}	cUL ^{US}	IECEx G.D	PG	Ex G	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
602315	CDX 12-110	10	•														
602316	CDX 12-220	10	•				2.6	2.6	77	108	25.3	25.3	0.07	0.12	0.30	0.30	
602317	CDX 12-575	20	•				14.2	14.2	403	581	47.1	47.1	0.13	0.16	0.50	0.50	
602318	CDX 12-750	30	•				24.9	18.2	706	744	66.7	63.8	0.29	0.36	0.72	0.68	
602320	CDX 12-1630	35	•	•	•		39.7	39.7	1126	1621	105	105	0.29	0.31	0.57	0.61	
602325	CDX 12-1990	40	•	•	•		62.9	48.8	1780	1991	156	144	0.50	0.59	1.24	1.30	
602274	CDX 12-2530	50	•	•	•		88.0	62.2	2490	2532	174	158	0.65	0.73	1.52	1.65	
602277	CDX 12-3410	60	•	•	•		127	83.6	3604	3408	240	216	0.99	1.22	2.09	2.10	
602280	CDX 12-6050	70	•	•	•		202	148	5722	6043	317	286	1.97	1.97	3.80	3.70	
602365	CDX 12-8450	80	•	•	•		298	207	8417	8428	440	400	2.28	2.48	4.75	4.75	
602201	CDX 12-45000	110	•			•	1741	1091	49249	44458	2042	1976	15.8	19.7	25.2	25.5	

-  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.ГБ04.В01164
-  Product approved for European Directive 94/9/EC: ATEX II2G, Ex d IIB T4. EN 60079-0, EN 60079-1. Certificate No. SIRA 00 ATEX 1026.

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

CDX 12 EXPLOSION-PROOF ELECTRIC VIBRATOR SERIES

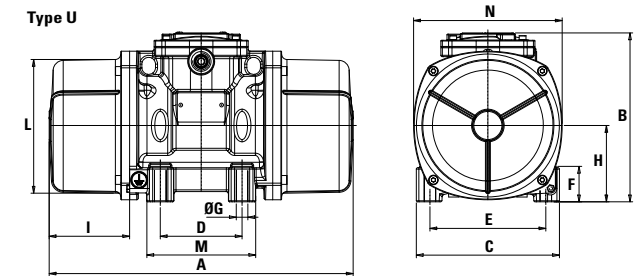
three-phase

6 poles		
Hz	50	60
RPM	1000	1200



Model	Type	OVERALL DIMENSIONS (inches)												
		A	B	C	D	E	Foot holes		F	H	I	L	M	N
							øG	N°						
CDX 12-110	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 12-220	U	11.85	7.52	5.98	3.54	4.92	0.51	4	1.10	3.05	3.03	5.12	5.04	5.91
CDX 12-575	U	13.78	8.58	6.57	4.13	5.51	0.51	4	1.18	3.54	3.78	5.91	5.51	6.89
CDX 12-750	U	15.51	9.07	8.07	4.72	6.69	0.67	4	1.77	4.02	4.17	6.97	6.38	7.87
CDX 12-1630	U	17.56	9.78	8.27	4.72	6.69	0.67	4	2.05	4.41	4.65	7.56	6.30	8.58
CDX 12-1990	U	20.47(50Hz) 18.43(60Hz)	10.96	9.25	5.51	7.48	0.67	4	2.56	4.57	5.28(50Hz) 4.25(60Hz)	8.27	7.28	8.86
CDX 12-2530	U	23.39(50Hz) 20.47(60Hz)	10.96	9.25	5.51	7.48	0.87	4	2.56	4.57	6.73(50Hz) 5.28(60Hz)	8.27	7.28	8.86
CDX 12-3410	U	24.96(50Hz) 22.52(60Hz)	12.28	10.63	6.10	8.86	0.87	4	2.05	5.31	6.97(50Hz) 5.75(60Hz)	9.39	7.87	9.96
CDX 12-6050	U	26.61	13.48	12.20	6.10	10.04	0.93	4	2.56	6.10	7.01	10.98	8.27	11.61
CDX 12-8450	U	28.90	14.45	13.19	7.09	11.02	0.98	4	2.76	6.89	7.95	11.93	9.25	12.60
CDX 12-45000	U	45.28	23.90	24.02	5.51	20.47	1.77	8	1.50	11.69	11.71	21.34	20.08	22.91

Type U



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