

# CDX 18 EXPLOSION-PROOF ELECTRIC VIBRATOR SERIES

three-phase

4 poles		
Hz	50	60
RPM	1500	1800



DESCRIPTION							MECHANICAL FEATURES						ELECTRICAL FEATURES			
Part Number	Model	Frame Size	cSP <sup>us</sup>	cUL <sup>us</sup>	Ex G,D	PC	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
601409	CDX 18-470	10	•				7.3	5.1	469	471	30.8	28.6	0.13	0.13	0.41	0.40
601410	CDX 18-910	20	•				14.2	9.8	906	904	47.1	44.0	0.29	0.37	0.60	0.60
601411	CDX 18-1300	20	•				19.0	14.2	1214	1302	50.2	47.1	0.29	0.37	0.60	0.60
601412	CDX 18-1670	30	•				24.9	18.2	1584	1672	66.7	63.8	0.51	0.66	0.92	0.98
601413	CDX 18-2150	35		•	•	•	36.1	23.6	2299	2160	101	91.3	0.49	0.59	0.81	0.88
601424	CDX 18-3190	40		•	•	•	48.8	34.8	3109	3188	144	134	0.73	0.99	1.35	1.50
601328	CDX 18-3850	50		•	•	•	62.2	42.2	3956	3865	154	149	1.2	1.5	1.81	1.90
601358	CDX 18-4400	50		•	•	•	71.0	48.8	4519	4473	165	152	1.2	1.5	1.81	1.90
601329	CDX 18-5380	60		•	•	•	83.6	58.6	5324	5377	216	202	1.7	2.0	2.95	2.90
601330	CDX 18-8300	70		•	•	•	133	89.9	8448	8237	293	282	2.5	2.5	3.80	3.50
601487	CDX 18-10900	80		•	•	•	173	119	11015	10870	367	352	2.8	2.8	4.75	4.40

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 GGTTN 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

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

## single-phase

DESCRIPTION							MECHANICAL FEATURES						ELECTRICAL FEATURES			
Part Number	Model	Frame Size	cSP <sup>us</sup>	cUL <sup>us</sup>	Ex G,D	PC	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
601410	CDX 18-910	20	•				14.2	9.8	906	904	47.1	44.0	0.16	0.24	1.20	2.80
601401	CDX 18-1300	20	•				19.0	14.2	1214	1302	50.2	47.1	0.16	0.24	1.20	2.80
601412	CDX 18-1670	30	•				24.9	18.2	1584	1672	66.7	63.8	0.32	0.40	2.15	5.15

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

# CDX 18 EXPLOSION-PROOF ELECTRIC VIBRATOR SERIES

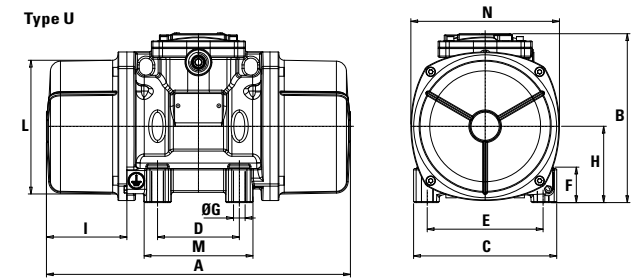
three-phase

4 poles		
Hz	50	60
RPM	1500	1800



OVERALL DIMENSIONS (inches)														
Model	Type	A	B	C	D	E	Foot holes		F	H	I	L	M	N
							øG	N°						
CDX 18-470	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 18-910	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 18-1300	U	15.43	8.58	6.57	4.13	5.51	0.51	4	1.18	3.54	4.61	5.91	5.51	6.89
CDX 18-1670	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 18-2150	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 18-3190	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 18-3850	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 18-4400	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 18-5380	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 18-8300	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 18-10900	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

Type U



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

## 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 18-910	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	32/12°	35
CDX 18-1300	U	15.43	8.58	6.57	4.13	5.51	0.51	4	1.18	3.54	4.61	5.91	5.51	6.89	32/12°	40/35°
CDX 18-1670	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	96/16°	160/40°

° Start capacitor / Run capacitor