

# SERIES BE-XP

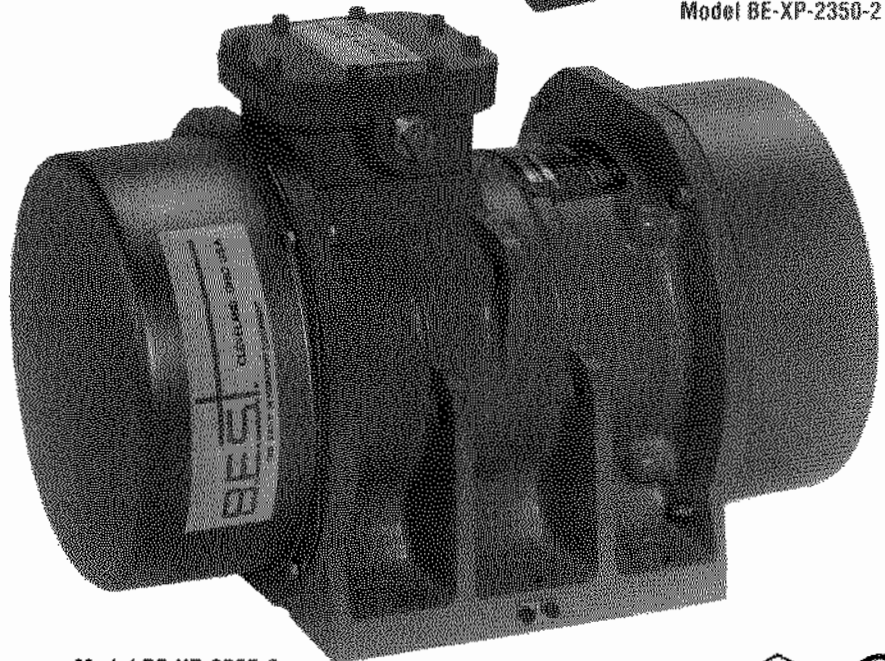
HAZARDOUS  
DUTY RATED  
MOTOR  
VIBRATORS

## QUICK FACTS

- CSA Canadian Standard Approved
- Factory Mutual Approved
- Suitable for:
  - Class I Division I Groups C & D
  - Class II Division I Groups E, F & G
- 3600, 1800, 1200, 900 RPM Models Available



Model BE-XP-2350-2



Model BE-XP-2555-6

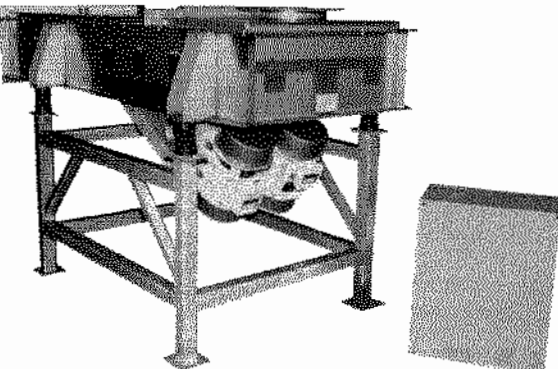


APPROVED

All BEST BE-XP hazardous duty rated "explosion proof" motor vibrators are Factory Mutual (FM) and Canadian Standard Association (CSA) approved. These foot mounted motors can be mounted in any position. Bearings are cylindrical roller types. Units are available in 25, 50 or 60 hz standard voltages. Adjustable eccentric weights provide variable force output.

The smaller models are furnished with sealed, heavy duty long life bearings. The larger models are provided with lubrication fittings for periodic greasing with Shell Alvania No. R-3 (lithium hydroxy-stearate) grease or equal, which is readily available.

Optional accessory equipment includes: AC inverter controllers for variable speed control and dynamic brakes for quick stopping.

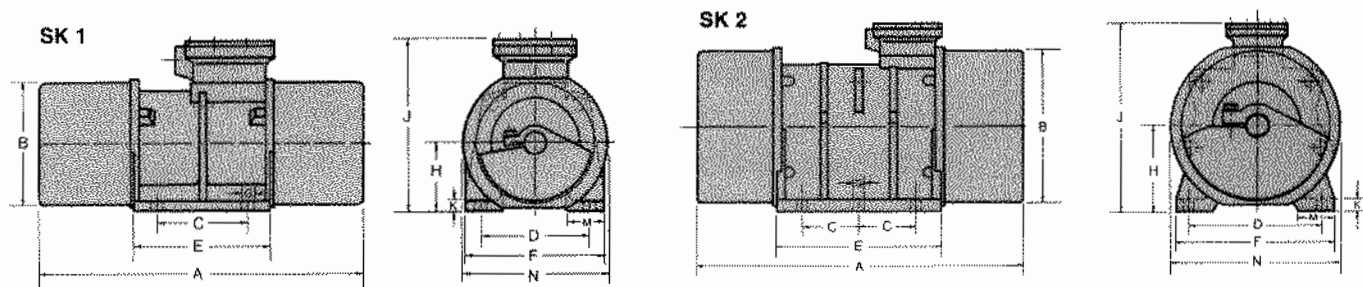


BEST Model TMS-3672-XP-5105-6-(2)  
vibratory screener with twin BE-XP-5105-6  
hazardous duty motor vibrator drives.

# SPECIFICATIONS

	Model	Net Wt.	WM in (lbs)	CF (lbs)	HP	KW	Amps at 460V	Lock Rotor Amps	%Eff	Pow Fac	St Torque ft-lb	Run Torque ft-lb	B-10 Life hours
3450 rpm	BE-XP- 2350-2	99	14	2,347	0.4	0.3	.82	8.5	55	.83	4.51	.63	34,843
	BE-XP- 2935-2	101	17	2,934	0.4	0.3	.82	8.5	55	.83	4.51	.60	16,569
1750 rpm	BE-XP- 2265-4	108	52	2,264	0.56	0.42	1.07	7.3	71	.69	9.66	1.63	31,454
	BE-XP- 3400-4	117	78	3,397	0.56	0.42	1.07	7.3	71	.68	9.66	1.68	20,030
	BE-XP- 5660-4	207	130	5,661	1.29	0.96	1.91	15.8	80	.79	13.38	3.66	20,827
	BE-XP- 7550-4	273	174	7,551	2.28	1.7	2.95	25.4	86	.84	24.63	6.84	14,098
	BE-XP- 12835-4	439	295	12,835	2.95	2.2	3.85	30.7	84	.84	30.73	8.06	13,197
	BE-XP- 18120-4	562	417	18,119	4.82	3.6	6.4	57.8	86	.83	43.65	14.49	10,382
1175 rpm	BE-XP- 1020-6	108	52	1,021	0.62	0.46	1.18	3.3	63	.78	6.33	2.76	1,640,604
	BE-XP- 1530-6	117	78	1,532	0.62	0.46	1.18	3.3	63	.78	6.33	2.76	424,651
	BE-XP- 2555-6	209	130	2,553	0.74	0.55	1.53	10.4	74	.61	13.40	3.39	441,534
	BE-XP- 3405-6	214	174	3,404	0.74	0.55	1.53	10.4	74	.61	13.40	3.39	169,239
	BE-XP- 5105-6	291	260	5,106	2.28	1.70	3.3	19.5	84	.78	20.06	10.33	77,363
	BE-XP- 8510-6	459	434	8,510	2.95	2.20	4.4	40.3	85	.74	45.29	13.20	77,363
	BE-XP- 11915-6	567	607	11,914	3.94	2.94	5.6	59.7	88	.75	71.15	17.40	25,202
	BE-XP- 17020-6	648	867	17,017	4.96	3.70	7.2	77.2	85	.76	91.42	22.20	19,095
855 rpm (8-pole)	BE-XP- 1350-8	139	130	1,351	0.54	0.4	1.32	4.4	59	.64	8.11	3.29	885,293
	BE-XP- 2705-8	247	260	2,703	1.34	1.0	2.55	9.2	69	.71	15.12	8.24	501,281
	BE-XP- 4505-8	348	434	4,506	2.01	1.5	3.4	14.1	71	.78	27.35	12.35	161,284
	BE-XP- 6305-8	503	607	6,307	3.35	2.5	5.9	32.6	78	.68	56.62	20.59	288,399
	BE-XP- 9010-8	606	668	9,010	4.02	3.0	5.5	46.2	85	.81	69.72	24.71	87,832
	BE-XP- 11715-8	685	1,128	11,715	4.96	3.7	7.8	56.1	63	.72	88.48	30.48	90,961
	BE-XP- 13515-8	705	1,302	13,516	4.96	3.7	7.8	56.1	63	.72	86.46	30.48	56,454

## DIMENSIONAL DATA (in inches)



Model	SK#	A	B	C	D	E	F	G	H	J	K	M	N
BE-XP- 2350-2	1	15.08	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.83
BE-XP- 2935-2	1	15.08	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.83
BE-XP- 2265-4	1	15.08	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.83
BE-XP- 3400-4	1	16.34	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.83
BE-XP- 5660-4	2	18.23	9.84	3.27	9.02	9.92	10.51	.827	5.32	12.68	.95	2.76	11.26
BE-XP- 7550-4	2	20.00	11.22	4.13	9.76	11.70	11.50	.827	5.95	13.90	1.06	2.76	12.80
BE-XP- 12835-4	2	24.00	12.61	4.63	11.03	13.08	13.00	.827	6.93	15.67	1.06	3.31	14.26
BE-XP- 18120-4	2	27.54	12.61	4.63	11.03	13.08	13.00	1.024	6.93	15.67	1.06	3.31	14.26
BE-XP- 1020-6	1	15.08	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.80
BE-XP- 1530-6	1	16.34	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.80
BE-XP- 2555-6	2	18.23	9.84	3.27	9.02	9.93	10.51	.827	5.32	12.68	.95	2.76	11.20
BE-XP- 3405-6	2	18.23	9.84	3.27	9.02	9.93	10.51	.827	5.32	12.68	.95	2.76	11.20
BE-XP- 5105-6	2	20.00	11.22	4.13	9.76	11.70	11.50	.827	5.95	13.90	1.06	2.76	12.80
BE-XP- 8510-6	2	24.00	12.61	4.63	11.02	13.07	13.00	.827	6.93	15.67	1.06	3.31	14.20
BE-XP- 11915-6	2	27.52	12.61	4.63	11.02	13.46	13.00	1.020	6.93	15.67	1.06	3.31	14.20
BE-XP- 17020-6	2	31.10	12.61	4.63	11.02	13.46	13.00	1.020	6.93	15.67	1.06	3.31	14.20
BE-XP- 1350-8	1	19.50	7.56	5.51	6.70	8.27	8.83	.709	4.14	10.91	.59	2.36	8.80
BE-XP- 2705-8	2	20.20	9.84	3.27	9.02	9.93	10.51	.827	5.32	12.68	.95	2.76	11.20
BE-XP- 4505-8	2	23.15	11.22	4.13	9.76	11.70	11.50	.827	5.95	13.90	1.06	2.76	12.80
BE-XP- 6305-8	2	26.34	12.61	4.63	11.03	13.07	13.00	.827	6.93	15.67	1.06	3.31	14.20
BE-XP- 9010-8	2	31.10	12.61	4.63	11.03	13.46	13.00	1.024	6.93	15.67	1.06	3.31	14.20
BE-XP- 11715-8	2	34.13	12.61	4.63	11.03	13.46	13.00	1.024	6.93	15.67	1.06	3.31	14.20
BE-XP- 13515-8	2	36.50	12.61	4.63	11.03	13.46	13.00	1.024	6.93	15.67	1.06	3.31	14.20