

Stark INDUSTRIES

VIBRATING MOTORS



STARK INDUSTRIES, An ISO 9001 - 2000 Company established in 1988, is One of the Leading Manufacturers of Induction motors. The motors are compact, reliable and robust, suitable for variety of applications. Through the use of advanced engineering techniques and materials, Stark industries meets the requirements of modern industries to achieve higher performance and more reliability.



The Vibrating Ac Induction motors are (SIVB) with two shaft extensions, to each of which are attached two unbalance discs. At standstill, the centrifugal force can be infinitely varied from zero to maximum by adjusting the unbalance accordingly. The motor shaft runs in liberally sized Ball bearings or Roller bearings, Its Withstand strong radial and axial loads.

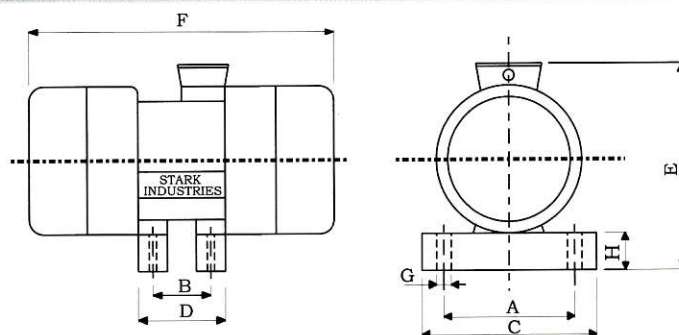
Our Unbalance vibratory motor in 2-4-6, and 8 pole design are used as Drive for vibrating machines for application such as bin-discharging, bulk-product Conveying (horizontal or vertical). Sizing or Coarse, Screening, Vibrating-Feeders, Paper Jogger, Vibrating tables, Vibrating Conveyors, Concrete Hoppers, Vibrating Grizzly Feeders Dewatering, Compaction, Discharge-aid in bins and silos.



ISO 9001-2000

Technical specification

Power Supply	: Single phase - 110volt, 220volt - 60/50Hz and Three Phase 42volt to 415 volt 50/60 Hz, Inverter Duty Vibrator motors also available.
Speed	: 3000 Rpm, 1500 Rpm, 1000 Rpm, 750 Rpm (Speed at 50HZ)
Duty	: S1 (continue), S4 (inter mediate).
Protection	: IP54, IP55, as per IS 4691.
Mounting	: Motor casing are made in high grade C I (grade - 25) and steel / M.S. Fabricated Body is also available.
Insulation	: Class 'B' (80°), Class 'F' (120°), Class 'H' (155°).
Unbalance discs	: Each vibrating motor is supplied with two adjustable discs in each side as per the requirement of centrifugal force.



TYPE	HP	RPM	A	B	C	D	E	F	G
SI VB18	0.18	2700	135	65	164	86	126	254	Ø9
SI VB25	0.25	2800	135	65	164	86	126	254	Ø9
SI VB50	0.50	2800	155	75	190	112	190	280	Ø10
SI VB75	0.75	2800	180	80	220	115	221	341	Ø12
SI VB100	1	2880	180	80	220	115	221	341	Ø12
SI VB150	1.5	2880	190	90	252	125	250	390	Ø15
SI VB200	2	2880	190	90	252	125	250	390	Ø15
SI VB300	3	2880	190	90	252	125	250	390	Ø15
SI VB18	0.18	1390	135	65	164	86	126	254	Ø9
SI VB25	0.25	1400	135	65	164	86	126	254	Ø9
SI VB50	0.50	1400	155	75	190	112	190	280	Ø10
SI VB75	0.75	1420	180	80	221	115	221	341	Ø12
SI VB100	1	1430	180	80	220	115	221	341	Ø12
SI VB150	1.5	1440	190	90	252	125	250	390	Ø15
SI VB200	2	1440	190	90	252	125	250	390	Ø15
SI VB18	0.25	890	155	75	190	112	190	280	Ø10
SI VB50	0.50	900	180	80	220	115	221	341	Ø12
SI VB75	0.75	910	180	80	220	115	221	341	Ø15
SI VB100	1	920	190	90	252	125	250	390	Ø15
SI VB150	1.5	930	190	90	252	125	250	390	Ø15

All dimensions are in mm

Manufacturers:

STARK INDUSTRIES

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