

ELMECH INDUSTRIES

11-SHREE NARAYAN ESTATE, NR. TORRENT POWER S/S.,
G.I.D.C., ODHAV, AHMEDABAD.PH. 2289 0672, (M) 98254 66450
e-mail : elmechmotor@yahoo.co.in, website : www.elmechmotor.com

Questionnaire for Unbalanced Vibrator Motor

" **ELMECH** " make Vibrator motors are robust, reliable, highly loadable, quite-running and require no maintenance. Their essential characteristics are :

- * Generously dimensioned cylindrical roller bearing.
- * Embedded in high-quality impregnation resin vibration-proof winding.
- * Reliable starting by means of a high-powered starting torque.
- * Permanent and well legible setting marking of unbalance weights.
- * M.S. fabricated Motor body.

TECHNICAL DATA

Centrifugal force range	From 40 to 20000 N.
Operating torque range suitable for vibratory units	From 3.7 to 300 Kg.cm.
Within working weight range	From 1 to 1000 Kgs.
Power connection	3-Phase - 415 V A.C., 50 Hz.
Rated consumption	From 0.18 to 3.7 KW.
Ambient temp.	Up to 45 deg. C.
Degree of Protection	IP 55
Insulation class	' F ' class

EXAMPLES OF APPLICATIONS

As drive for	Vibrating conveyors, Conveyor troughs and tubes, Conveyor sections, Vibrating screens, Bar grid screens, Helical conveyors.
As vibrators for	Silos, Bins, Deflection, Grids, Filters, Filling plant, Chutes, Gravity pipes.

FIELDS OF APPLICATION

- * Heavy Industry e.g. Coal, Lignite, Ores, Salt.
- * Manufacturing Industry e.g. Iron & Steel works, Sand, Gravel & Stone quarries, Glassworks.
- * Chemical Industry e.g. Synthetic Materials, Rubber, Fertilizers, Chemicals.
- * Food Processing Industry.
- * Timber Industry.
- * Mechanical Engineering & manufacture of instruments.
- * Road Construction Industry.
- * Any other vibrating Equipments.