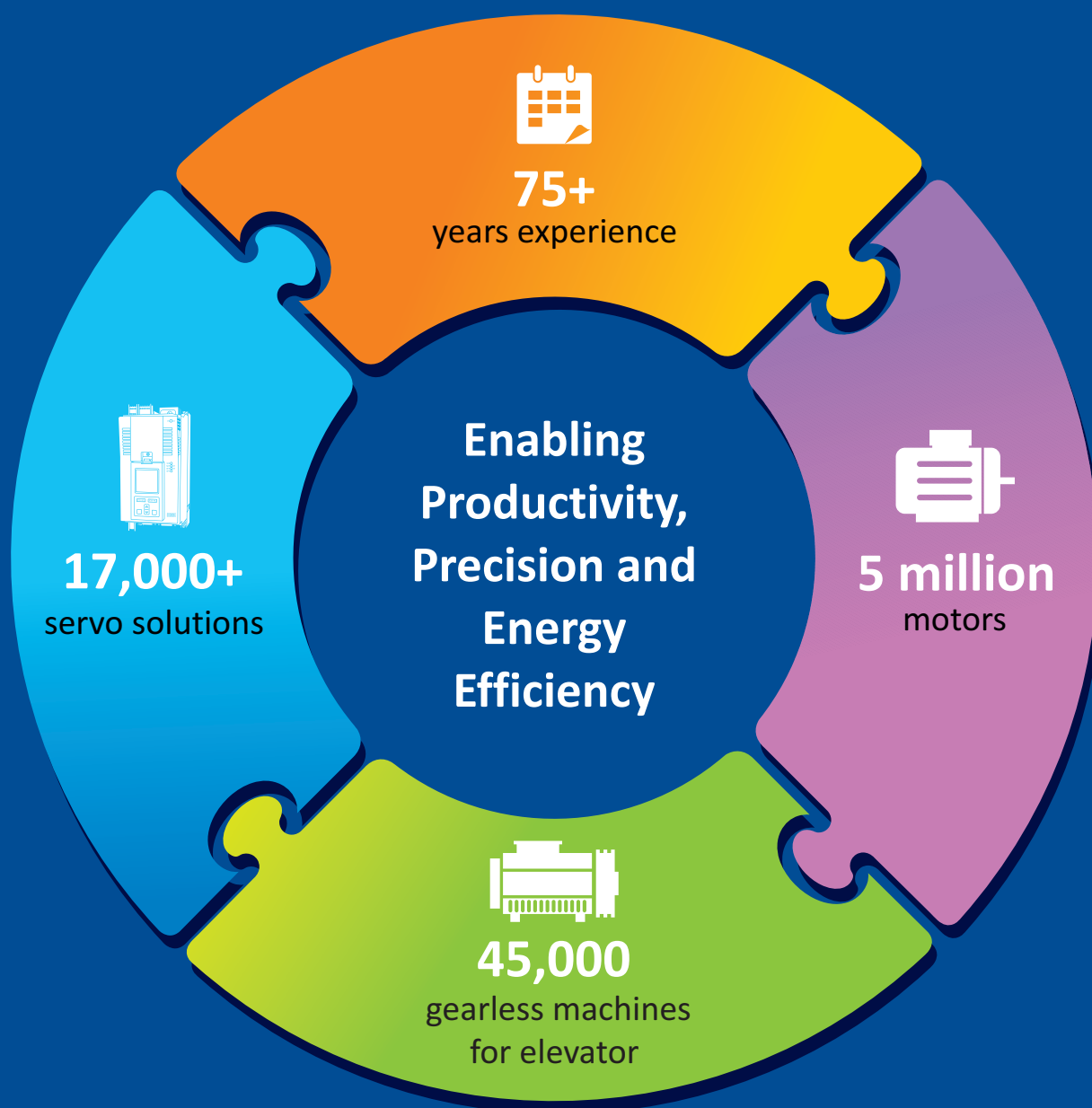


INDUSTRIAL SYSTEM SOLUTIONS



MOTORS



TRANSFORMERS



PROJECTS

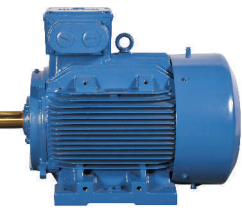


DRIVES & AUTOMATION



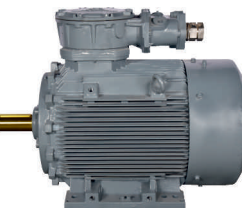
MAGNET TECHNOLOGY MACHINES

MOTORS PRODUCT RANGE



LV MOTORS: SAFE AREA

Motor Type	Frame	Power (kW)
IE2 Motors	56 to 355	0.12 to 355
IE3 Motors	56 to 355	0.12 to 355
IE4 Motors	112 to 225	2.2 to 45
Large LV Motors (DCCA)	355 to 450	250 to 1250



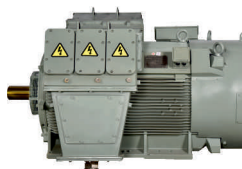
LV MOTORS: HAZARDOUS AREA

Motor Type	Frame	Power (kW)
Standard Flame Proof Ex'd' Motors	80 to 315	0.37 to 200
IE2 Flame Proof Ex'd' Motors	80 to 315	0.37 to 200
IE3 Flame Proof Ex'd' Motors	80 to 315	0.37 to 200
IE2 Increased Safety Ex ec Motors	63 to 355	0.12 to 355
IE3 Increased Safety Ex ec Motors	63 to 355	0.12 to 355



LV MOTORS: SPECIAL PURPOSE

Motor Type	Frame	Power (kW)
Crane & Hoist Duty Motors	71 to 355	0.37 to 400
Cane Unloader Motors	160 to 225	11 to 30
Brake Motors with Integral DC Brake	71 to 132	0.25 to 9.3
Brake Motors with External Mounted Brake	71 to 200	0.37 to 22
Slip Ring Motors	100 to 160	1.10 to 10
Textile Motors	100 to 160	1.1 to 15



MEDIUM VOLTAGE MOTORS FROM 120 kW to 1000 kW, 11kV



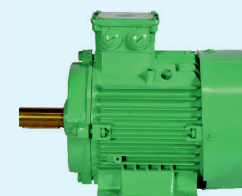
PERMANENT MAGNET GEARLESS MACHINES FOR ELEVATORS

Home elevator - upto 300 kg
Passenger elevator - upto 20 passengers
Goods elevator - upto 5 tons
Belt machine - upto 20 passengers



HIGH TORQUE MACHINES FOR DIRECT DRIVE APPLICATIONS

High efficiency
Significant power saving
No oil spillage and cleaning issues
Gearbox is eliminated
Powered by KEB Drives - SCL Technology without Encoder



Winner of CII's 'Most Innovative Energy Saving Product' 2016 and 2018

Super Premium IE4 class of efficiency as per IEC 60034-30-1-2014 Operates without a VFD

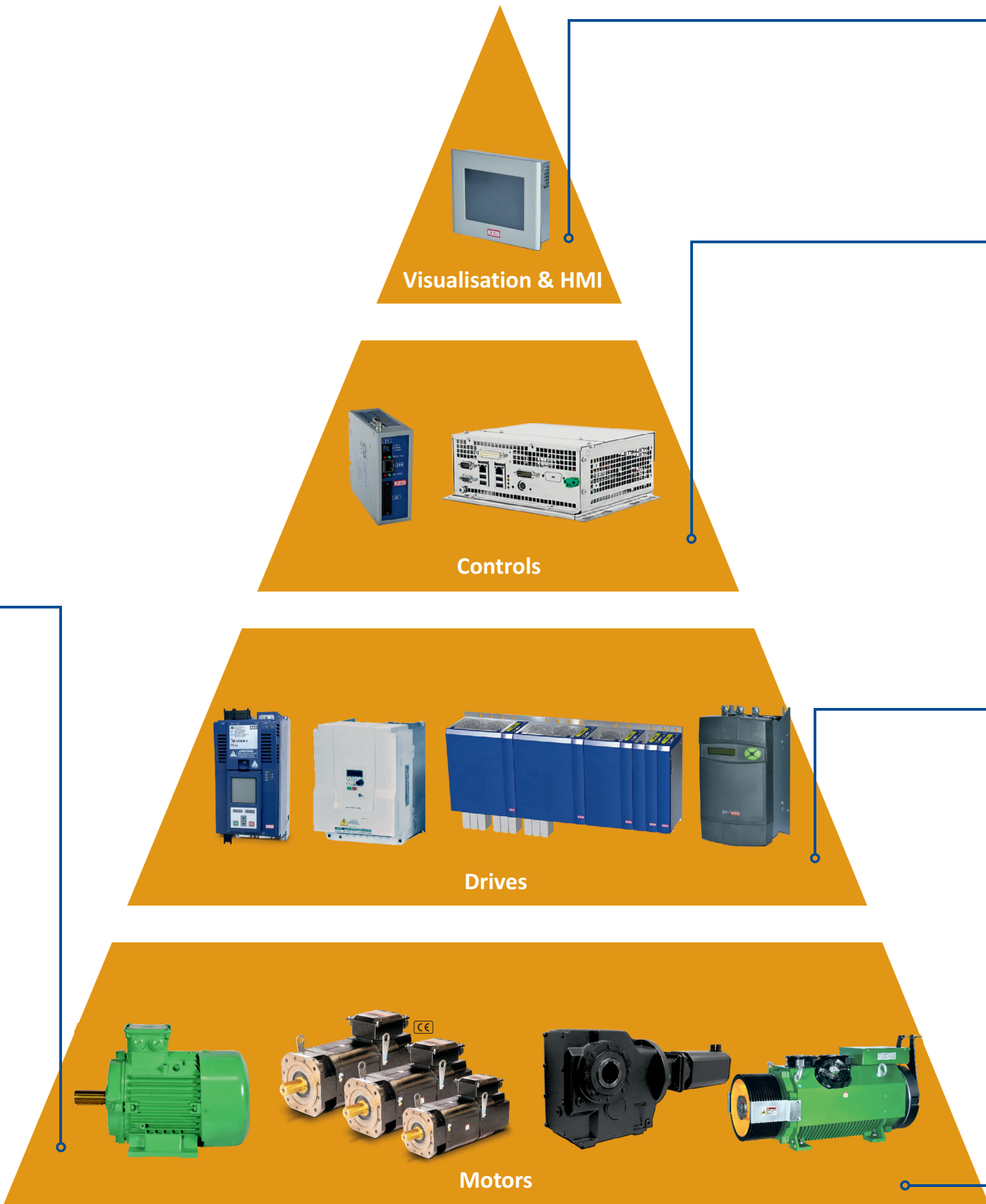
Line Start Permanent Magnet Synchronous Motor (LSPMSM) technology* Remarkably short payback periods

SynchroVERT®
IE4 & IE5 Motors

To calculate energy saving and payback period for IE4 motor visit www.bharatbijlee.com/ie4-motors-synchrovert

*Patent Pending

MOTOR, DRIVE AND AUTOMATION SOLUTIONS



C6 HMI LOGIC CONTROLLER WITH ETHERCAT IN PARTNERSHIP WITH KEB AUTOMATION, GERMANY



C6 SMART C6 MULTIAXIS MOTION CONTROLLERS; C6 IPC; C6 COMMUNICATION ROUTER IN PARTNERSHIP WITH KEB AUTOMATION



NEW GENERATION F6 AC/SERVO DRIVES: 2.2kW TO 450kW WITH VARIOUS COOLING & FIELD BUS OPTIONS
Regenerative Drive R6 & AFE Solutions



4Q DIGITAL DC DRIVES & STACK CONTROLLERS



GENERAL PURPOSE AC DRIVES UPTO 75kW - BBVERT BL5 SERIES



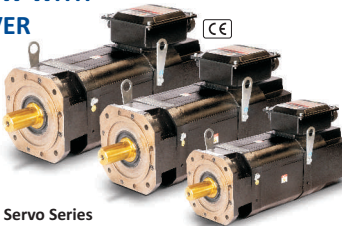
SERVO DRIVES IN PARTNERSHIP WITH KEB AUTOMATION
S6 Intelligent Servo
F6 Drive - Application & Compact Version
H6 Multi Axis
P6 Pitch Control



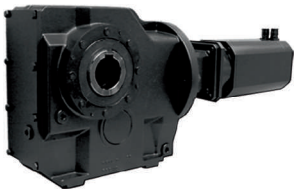
KEB T6 DRIVE FOR E-MOBILITY



PERMANENT MAGNET SERVO MOTORS: UPTO 280Nm/58kW WITH ENCODER/RESOLVER OPTIONS AND CLASS H INSULATION



GEARED MOTORS IN PARTNERSHIP WITH KEB AUTOMATION
Helical geared motors
Shaft mounted helical geared motors
Helical bevel geared motors
Helical worm geared motors
Geared motor with integrated frequency inverter



Bharat Bijlee's Industrial Systems product portfolio caters to a spectrum of applications and spans the machine automation pyramid.

INDUSTRIES



Automobile



Cement



Chemical &
Pharmaceutical



Metal



Printing



Packaging



Machine Tool



Mining



Oil & Gas



Plastic



Power



Pulp & Paper



Steel



Textile



Waste Water



Water



Windmill



Distillery

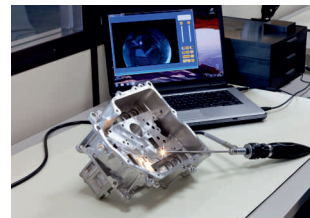
APPLICATION EXPERTISE



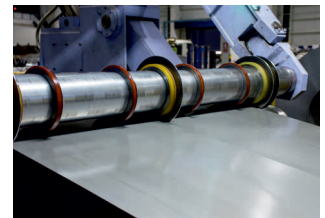
High speed block-type
wire drawing machine



High speed CTL for
corrugated board and
paper cutting machine



Motor test bench



Continuous shear control
for CTL in rolling mill



Textile machinery



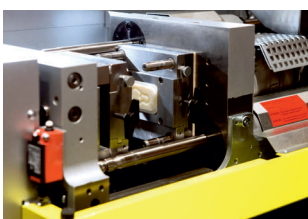
Crane



High speed spindle



Pipe cutting machine



Plastics machinery



Slitter for steel



Hydraulic press and
pressure die casting machine



Pitch & yaw control
for wind turbine

ALL INDIA SERVICE NETWORK

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🔥 Works

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✕ Service Centre: Servo Motors

✕ Service Centre: Drives



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