LARGE & TRACTION MACHINES

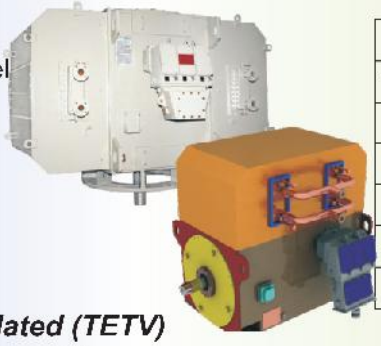
High Voltage Closed Air Circuit Air Cooled (CACA)

- For Industrial sectors : Power, Irrigation, Oil& Gas, Cement, Sugar, Textile, Steel, Mining, Chemical for pump, fan, blower, crusher, conveyor, pulper, feeder etc
- Closed Air Circuit Air method of cooling (IC6A1A1 & IC6A1A6)
- Heat exchanger can be easily switched over from CACA to CACW enclosure to enhance the output of motor

Range	Squirrel Cage	Slip Ring
Voltage	upto 15 kV	upto 15 kV
Power	upto 25000kW	upto 25000kW
Pole	2 Pole to 24 Pole	4 Pole to 12 Pole
Frame	355 - 1120	355 - 1000
Series	TP, FT	
Mounting	B3, V1	

High Voltage Closed Air Circuit Water Cooled (CACW)

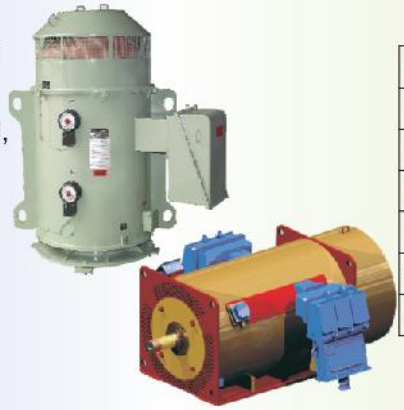
- Totally enclosed construction
- Maintaining the performance and high level of quality in varying application demands
- Used in industrial sectors: Oil & Gas, Cement, Sugar, Textile, Steel, Mining, Chemical Industries



Range	Squirrel Cage	Slip Ring
Voltage	upto 15 kV	upto 15 kV
Power	upto 25000 kW	upto 25000 kW
Pole	2 Pole to 24 Pole	4 Pole to 12 Pole
Frame	355 - 1120	355 - 1000
Series	UW, FR	
Mounting	B3,V1	

High Voltage Totally Enclosed Tube Ventilated (TETV)

- Most suitable for highly dusty humid and polluted atmosphere
- Used in industries such as cement, steel, tyre / rubber paper industries, refineries, petrochemicals, fertilizers, power generation plants etc.
- Dimensions as per IEC 60072. A or IS:8223.



Range	Squirrel Cage	Slip Ring
Voltage	upto 13.2 kV	upto 13.2 kV
Power	upto 50000 kW	upto 50000 kW
Pole	2 Pole to 20 Pole	4 Pole to 12 Pole
Frame	450 - 800	450 - 800
Series	TV	
Mounting	B3,V1	

HT/LT Squirrel Cage / Slip Ring Induction Motors in SPDP Enclosure

- Suitable for all industrial drives, mill, pumps, etc; Large Re-Rolling Mill for rolling hot steel billets into rods, flat bars, rails, channels, angles, sheets etc.
- For widely fluctuating loads & sudden overloads, which last for a few seconds
- Double ended radial ventilation
- Class 'F' insulation with Class 'B' temp. rise

Range	Squirrel Cage	Slip Ring
Voltage	upto 15 kV	upto 15 kV
Power	upto 11000 kW	upto 9000 kW
Pole	2 Pole to 20 Pole	4 Pole to 14 Pole
Frame	355 - 1120	355 - 1000
Series	KMR, UD, FH, FW	
Mounting	B3,V1	

DECCAN ELECTRICALS

LARGE & TRACTION MACHINES

Global Series Energy Efficient Motors

- Energy efficient surface cooled motors
- Dynamically balanced rotors
- Low noise and vibration levels
- Axial ventilation rotor design
- Vacuum pressure impregnation (VPI) insulation system
- Motors for hazardous areas, VFD application

Range	
Voltage	upto 11 kV
Power	upto 2000 kW
Pole	2 Pole to 12 Pole
Frame	315 to 630
Mounting	B3,V1, B35

Flameproof Motors for Hazardous Area Applications

- Industries – Oil and gas terminals, refineries, petrochemicals, fertilizers plants and chemical industries.
- Application groups:
  - Group I : Equipment for coal mines
  - Group II : Electrical equipment for use other than mines (surface industry); Further divided into gas groups: IIA, IIB & IIC

Range	**Ex(e) Increased Safety**	**Ex(n) Non Sparking**
Voltage	upto 15 kV	upto 15 kV
Power	upto 5000 kW	upto 5000 kW
Pole	2 Pole to 20 Pole	2 Pole to 20 Pole
Frame	315 to 900	315 to 900
Mounting	B3,V1	
Range	**Ex(d) Flame Proof**	**Ex(p) Pressurised**
Voltage	6.6 kV	upto 15 kV
Power	2000 kW	190 kW to 5000kW
Pole	2 Pole to 8 Pole	2 Pole to 20 Pole
Frame	E355 to E710	400 to 900
Mounting	B3,V1	

Industrial Duty DC Motors

- The range includes blower cooled, CACA and CACW in IP 22, IP 23, IP 54 & IP 55 protection.
- Compensated windings to withstand high short time overloads under field weakening conditions
- Confirms to IEC60034-1, BS 5000 Part 99 & IS 4722

Range	
Frame	315 to 710
kW	50 to 2000kW
RPM range & Armature voltage as per specific requirement	

Synchronous Generators

- For applications in Continuous water supply, parallel operation in power plants, industrial plants, hospitals and high rise buildings; mobile applications such as railway vehicles, cranes, marine or wind power

Rating upto 70 MVA upto 15 kV
Mounting B3, V1

Authorized Distributor:

DECCAN ELECTRICALS

evolve thru power

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