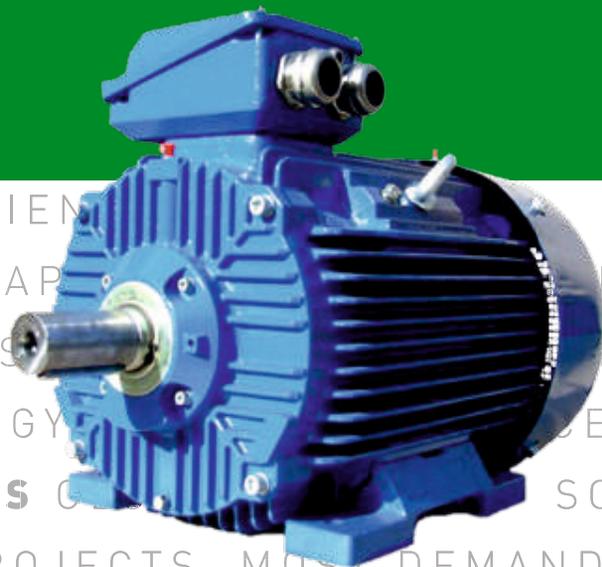


GENERAL PURPOSE 3-PHASE INDUCTION MOTORS



SUPER PREMIUM EFFICIENCY IE4 MOTORS



Product Folder



PRODUCT RANGE



<p>LOW VOLTAGE GENERAL PURPOSE 3-PHASE INDUCTION MOTORS</p>	<p>Three-phase motors with squirrel-cage rotor series (2)Sg(m), Sh, SIE-K</p> <p>HIGH (IE2), PREMIUM (IE3) and SUPER PREMIUM (IE4) efficiency motors</p>	<p>from 0,04kW up to 2200kW</p>	<p>for general purpose applications like pumps, fans, compressors; complying with the newest efficiency requirements</p>	
<p>GENERAL PURPOSE 1-PHASE INDUCTION MOTORS</p>	<p>Single-phase motors with squirrel-cage rotor series SEh, SEMh</p> <p>Single-phase motors PREMIUM (IE3) efficiency class, series 3SSIE</p>	<p>from 0,04kW up to 2,2kW</p>	<p>for general purpose applications like pumps, fans, compressors, woodworking machines, devices for food processing, concrete mixers etc.</p>	
<p>HIGH VOLTAGE INDUCTION MOTORS up to 11 kV</p>	<p>Three-phase squirrel-cage high voltage and high efficiency motors series Sh with cast-iron housing</p> <p>High voltage motors with module construction (steel/welded housing) series Sf (-E), Sfw, Sfr</p>	<p>from 160kW up to 7000kW</p>	<p>for general industrial use, drives used for own needs of power plants (pumps, fans, coal mills, conveyors)</p>	
<p>BRAKE MOTORS</p>	<p>Three-phase and single-phase brake motors with AC and DC brakes</p>	<p>from 0,04kW up to 200kW</p>	<p>for applications with high safety requirements or where immediate stopping of the drive is required e.g.: theatres, concert, halls, lifts, platforms, etc.</p>	
<p>MOTORS WITH FORCED VENTILATION</p>	<p>Three-phase induction motors with forced ventilation</p>	<p>from 0,06kW up to 2500kW</p>	<p>for variable frequency drives with very wide speed regulation</p>	
<p>EXPLOSION-PROOF MOTORS</p>	<p>Standard and PREMIUM (IE3) efficiency increased safety motors</p> <p>Standard, HIGH (IE2) and PREMIUM (IE3) efficiency flame-proof motors</p>	<p>from 0,06kW up to 22kW</p> <p>from 0,37kW up to 3200kW</p>	<p>adapted for operation in areas endangered by explosion (without methane)</p> <p>for applications in chemical and mining industry where explosive atmosphere of gases, vapours or dust can occur</p>	
<p>NEMA MOTORS</p>	<p>Low voltage NEMA motors SIE series (in compliance with the NEMA PREMIUM requirements)</p>	<p>from 1HP up to 250HP</p>	<p>for general industrial applications like pumps (including JM and JP), fans, compressors also for Hazardous Locations (Class I Div 2, Class II Div 2) with CSA certificate</p>	
<p>TRACTION MOTORS</p>	<p>Traction motors and traction generators</p>	<p>from 50kW up to 1500kW</p>	<p>various traction vehicles: trams (including low-deck trams), trolleybusses, subway and locomotives</p>	

and the whole range of electromagnetic brakes and releases ...

