

POWERTECH

TETRAVEC

SERIES

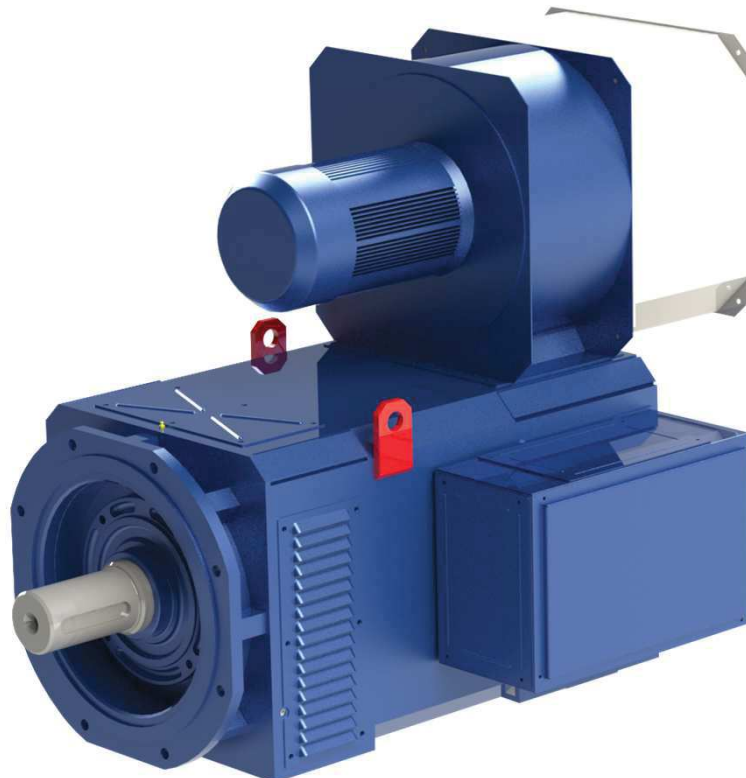
## ASYNCHRONOUS MOTORS

RELIABILITY  
HIGH EFFICIENCY  
HIGH POWER  
HIGH TORQUE/WEIGHT RATIO  
SUITABLE FOR VECTOR DRIVES  
IGBT COMPLIANT  
WIDE RANGE OF CUSTOMIZATION AND  
OPTIONS

### TYPICAL APPLICATIONS

MACHINE TOOLS  
COMPRESSORS  
TRACTION CONTROL  
FOOD BOXES EXTRUDERS  
WINDERS AND UNWINDERS  
PAPER AND CARDBOARD PRODUCTION  
MACHINERY  
PROCESSING AND CUTTING METAL PLATES  
METAL WIRE PROCESSING MACHINERY  
PLASTIC AND RUBBER EXTRUDERS  
LIFTING AND HANDLING SYSTEMS  
PACKAGING MACHINERY  
PRINTING MACHINERY  
TEXTILE MACHINERY

IP PROTECTION **IP23**  
COOLING METHOD **IC06**



## TECHNICAL SPECIFICATIONS

IP PROTECTION	IP23
THERMAL PROTECTION	KLIXON (PT100, PTC on request)
SHAFT EXTENSION	FITTED KEY (PLAIN SHAFT on request)
BALANCING	FULL KEY (HALF KEY on request)
VIBRATION GRADE	A (B on request)
INSULATION CLASS	F
COOLING METHOD	IC06
AMBIENT CONDITIONS	0 ÷ 40°C (32 ÷ 104°F) 1000m ASL
TRANSDUCER	ENCODER OR RESOLVER (on request)
MOUNTING FORM	B3, B5, B35 by request
PAINTING	NITRO, POLYURETHANIC, on request

## STANDARD WINDINGS DATA

TYPE	COOLING METHOD	SHAFT HEIGHT	RATED POWER RANGE	RATED TORQUE RANGE	RATED SPEED RANGE	MAX MECH. SPEED *
TETRAVEC		mm	kW	Nm	rpm	rpm
100K	IC06	100	2,5 - 29,5	27,4 - 102,7	700 - 4030	9000 - 12000 <sup>1</sup>
132K	IC06	132	11 - 96	107 - 347,3	700 - 3950	6500 - 10000 <sup>1</sup>
160L	IC06	160	23 - 144	285 - 598	500 - 3260	5000 - 8000 <sup>1</sup>
200L	IC06	200	44 - 295	574 - 1329	500 - 3050	4000 - 7000 <sup>2</sup>
250K	IC06	250	99 - 679	1235 - 2765	500 - 2940	3500 - 6500 <sup>2</sup>
250KC	IC06	250	105 - 738	1310 - 3360	500 - 2940	3500
315L	IC06	315	164 - 1350	3400 - 8100	400 - 1500	3200 - 5000 <sup>2</sup>

<sup>1</sup> S4 Version

<sup>2</sup> S6 Version

\* Maximum mechanical speed values must be defined according to Customer's needs, his plant mechanical features and must be technically compatible with applied accessories