

POWERTECH

TETRAVEC
SERIES

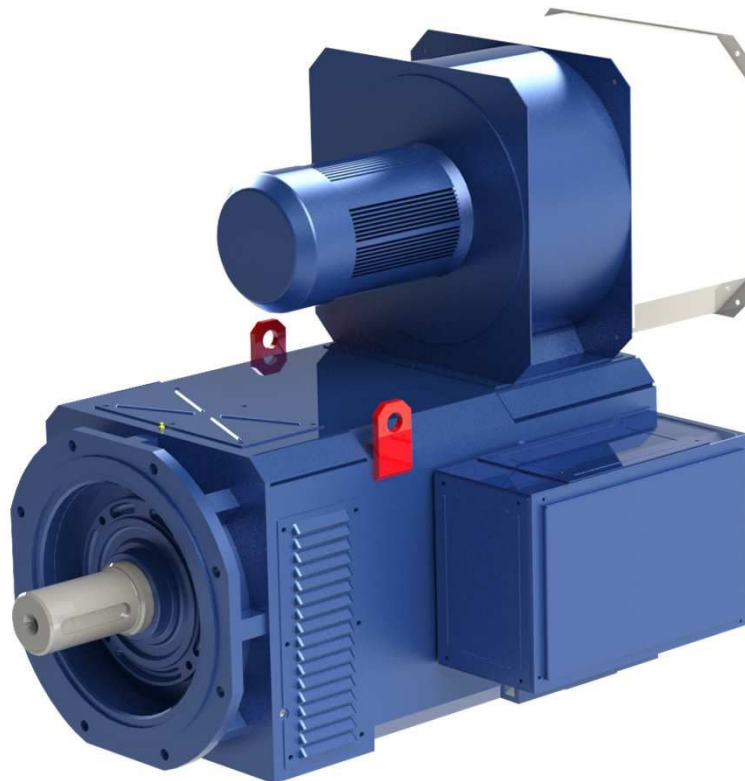
ASYNCHRONOUS MOTORS

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
132K	IC06	132	11 ÷ 96	107 ÷ 347,3	700 ÷ 3950	6500
160K	IC06	160	23 ÷ 144	285 ÷ 598	500 ÷ 3260	5000
200K	IC06	200	44 ÷ 295	574 ÷ 1329	500 ÷ 3050	4000
250K	IC06	250	99 ÷ 679	1235 ÷ 2765	500 ÷ 2940	3500
250KC	IC06	250	105 ÷ 738	1310 ÷ 3360	500 ÷ 2940	3500
315LA	IC06	315	195 ÷ 1165	3070 ÷ 6240	500 ÷ 2000	3200
315L	IC06	315	210 ÷ 1250	3300 ÷ 8080	500 ÷ 2000	3200

* The max. mechanical speed have to be defined after evaluation of customer's requirements, incl. the mechanical features of his plant and the applied accessories.