

POWERTECH

DRIVE AX
SERIES

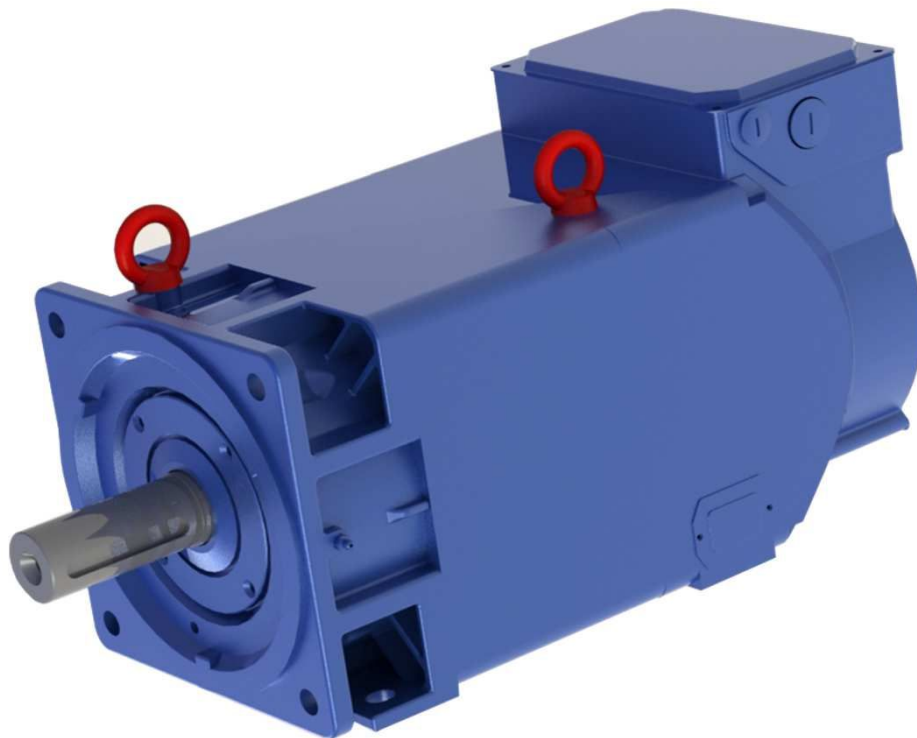
ASYNCHRONOUS MOTORS

RELIABILITY
HIGH EFFICIENCY
LOW NOISE LEVEL
GOOD TORQUE/WEIGHT RATIO
WIDE CONSTANT POWER RANGE
SUITABLE FOR VECTOR DRIVES
WIDE RANGE OF CUSTOMIZATION AND
OPTIONS

IP PROTECTION **IP54**
COOLING METHOD **IC416**

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



TECHNICAL SPECIFICATIONS

IP PROTECTION	IP54
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	IC416 (or IC410 lower sizes)
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 *
DRIVE AX		mm	kW	Nm	rpm	rpm
63C	IC410	63	0,19 ÷ 1,63	2,1 ÷ 4,8	700 ÷ 4000	12000
63CS	IC416A	63	0,32 ÷ 2,6	3,6 ÷ 8,1	700 ÷ 4000	12000
80C	IC410	80	0,51 ÷ 5,0	5,9 ÷ 13,4	700 ÷ 4140	10000
80CS	IC416A	80	1,0 ÷ 9,5	10,9 ÷ 26	700 ÷ 4650	10000
100K	IC416A	100	1,4 ÷ 21,1	14,3 ÷ 71,4	700 ÷ 4620	9000
132K	IC416A	132	5,6 ÷ 56	51,1 ÷ 200,6	700 ÷ 4330	6500
160K	IC416A	160	12 ÷ 87	145,7 ÷ 413	500 ÷ 3260	5500
200K	IC416A	200	20 ÷ 123	247,3 ÷ 725,9	500 ÷ 3440	4500
250K	IC416R	250	55 ÷ 370	665 ÷ 1760	500 ÷ 2990	3500
250KC	IC416R	250	75 ÷ 385	720 ÷ 1895	500 ÷ 2990	3500
250K	IC416A	250	50 ÷ 347	600 ÷ 1570	500 ÷ 3150	3500
250KC	IC416A	250	54 ÷ 362	650 ÷ 1690	500 ÷ 3150	3500
315LA	IC416R	315	92 ÷ 560	1360 ÷ 3360	500 ÷ 2000	3200
315L	IC416R	315	100 ÷ 720	1480 ÷ 4400	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.