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FICHE TECHNIQUE

Date : 18/12/2008

Référence :

Marque Moteur I.S.G.E.V

Nous vous informons que CVH-technologieS a obtenu la représentation pour la vente des Moteurs I.S.G.E.V

Les moteurs I.S.G.E.V sont destinés pour les environnements industriels, marines, ferroviaires

Grâce à une grande quantité de sous ensemble, nous pouvons répondre à des spécifications techniques ou à la livraison de prototypes dans de courts délais

Nous vous informons que la société I.S.G.E.V est certifiée UL, CSA, IRIS, ATEX,
Vous trouverez joint à cette présentation les certificats.

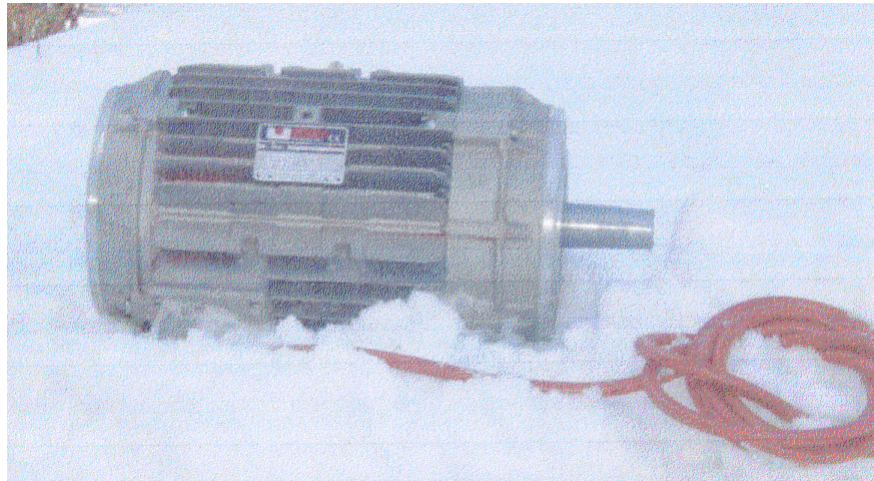


APPLICATION:SETTORE DI APPLICAZIONE: SNOW MAKING MACHINE

DUTY: TURBIN ENGINE CONTROL

COUPLING: DIRECT

MOTOR TYPE: 1BS 160 L 2 – kW 18.5 – Volt 400 – Hz 50



STANDARD: UL/CSA

REF: DRAWING N° 010349A3 – 010347A2

NB: insulation class F – tropicalized windings – equilibration grade R – bearings 2Z C3/2Z C4 – low temperature grease – output cable in silicone – special housing in aluminium

APPLICATION: FOOD DRIER (NOODLES)

DUTY: CONTROL OF DOUBLE VENTILATOR

COUPLING: DIRECT

MOTOR TYPE: 5BES 90 LB 2 – kW 2.2 – Volt 400 – Hz 50



STANDARD: UL/CSA

REF: DRAWING N° 21117414

NB: insulation class H – double impregnation – tropicalized windings – metallic labyrinth seal ring

Silicone gaskets – with grease nipples on each side – external screws and bolts in stainless steel -

Bearings ZC3 –high temperature grease – equilibration grade R – ambient temp. +90/+ 120 °C -

Humidity 95 %

APPLICATION: FOOD DRIER (NOODLES)

DUTY: CONTROL OF AXIAL FAN

COUPLING: DIRECT

MOTOR TYPE: AES 90 S 4 – kW 0.82 – Volt 400 – Hz 50



STANDARD: UL/CSA

REF: DRAWING TABLE AE

NB: insulation class H – double impregnation – tropicalized winding – external screws + bolts in stainless

Steel – metallic labyrinth seal ring – silicone gaskets – with grease nipples on both sides – bearings ZC4 -

High temperature grease – equilibration grade R – ambient temperature +90/+110 °C – humidity 95 %
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With condensation water draining holes – internal polyurethanic varnish/external epoxy varnish

APPLICATION: WOOD DRIER

DUTY: CONTROL OF AXIAL FAN

COUPLING: DIRECT

MOTOR TYPE: AES 112 M 4 – kW 4 – Volt 400 – Hz 50



CONSTRUCTION: MOTOR HOUSING IN STAINLESS STEEL AISI 303

STANDARD: UL/CSA

REF: DRAWING 21044514

NB: Ambient temperature 90-120°C continuo – insulation class H – humidity 100 % -

Double impregnation – special seal rings PTFE – space heaters – SNR high temperature bearings - protection IP56

SETTORE DI APPLICAZIONE: FORNI ESSICCAZIONE LEGNO

SERVIZIO: COMANDO VENTILATORI ASSIALI

TIPO ACCOPPIAMENTO: DIRETTO

TIPO MOTORE ELETTRICO: AES 112 M 4 – kW 4 – Volt 400 – Hz 50



DATI DI PROGETTO:

Data: 14-03-1995

RIFERIMENTO PROGETTO:

CERTIFICAZIONI: UL/CSA

RIF. Ns. DISEGNO DI INGOMBRO: tabelle AE

NOTE: Motore elettrico funzionamento a temperatura ambiente da 90÷120°C continuo

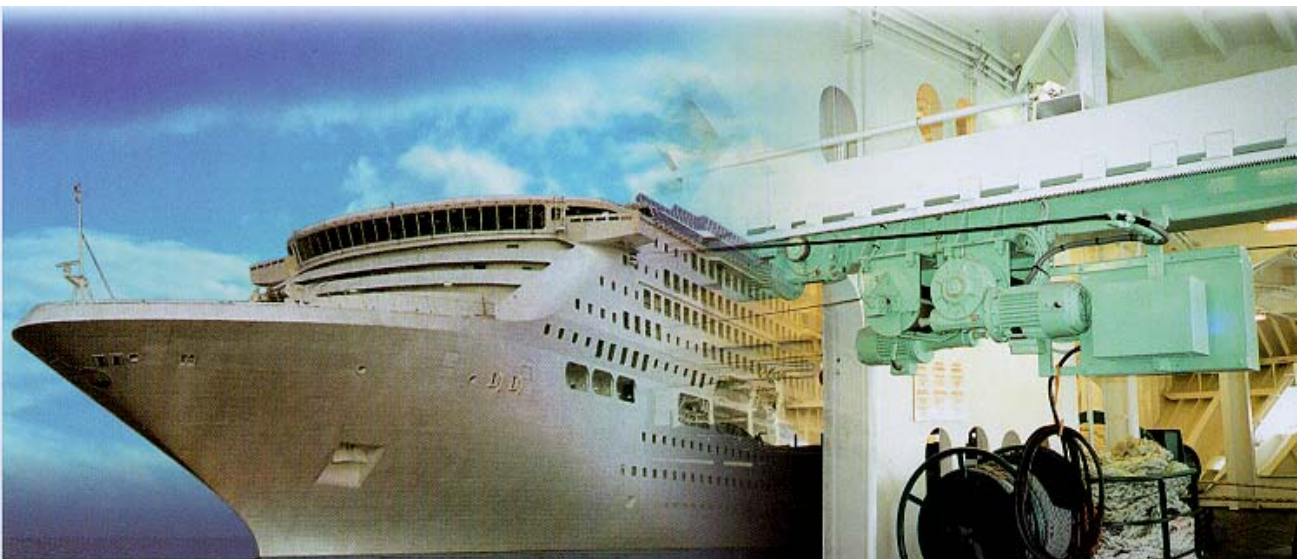
**Umidità relativa 100% - doppia impregnazione – tenuta a labirinto metallica
Cuscinetti ZC3 – grasso per alta temperatura**

APPLICATION: NAVAL CONSTRUCTIONS

DUTY: CAPSTAN CONTROL

COUPLING: DIRECT

MOTOR TYPE: AFTS 100 L 6 – kW 1.8 – Volt 440 – Hz 60 – duty cycle S2-30'



STANDARD: RINA

REF: DRAWING 010147A3

NB: motor with securing brake - protection degree IP56 – axially blocked by a wheel -

Thermal protection with space heaters – brake coil in DC with power supply AC/DC

APPLICATION: RAILWAY

DUTY: CONTROL OF FAN FOR CONDITIONING OF THE PASSENGER CARRIAGE

COUPLING: DIRECT

MOTOR TYPE: ALS 63 A 4 – kW 0.12 – Volt 400 – Hz 50



FOR ASPIRATION UNIT

STANDARD: IEC 60349-1-2 AND NF F 65-101

REF: DRAWING 21094014

NB: motor with connector type HARTING with thermal protection

Dielectric test 2900 Volt 60 s - triple impregnation - special shaft dimensions - equilibration

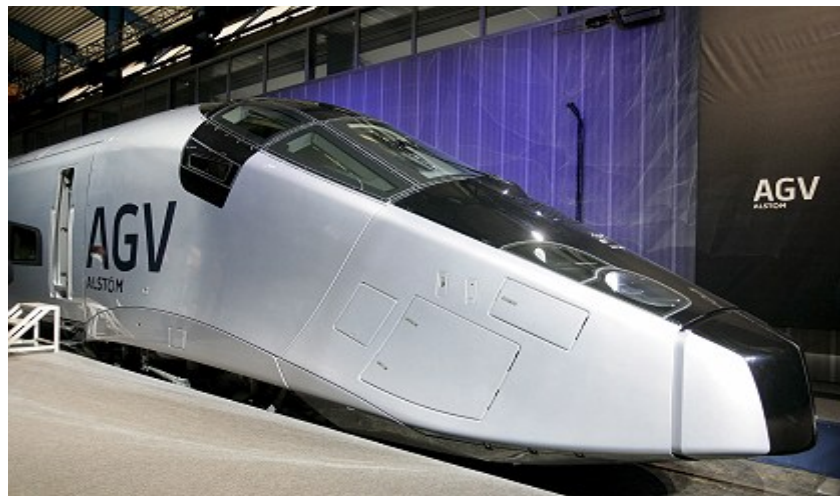
Grade S/half key

APPLICATION: RAILWAY

DUTY: CONTROL OF FAN FOR CONDENSER OF THE PASSENGER CARRIAGE

COUPLING: DIRECT

MOTOR TYPE: ALS 112 M 6-8 YY-Y – kW 1.5-0.62 – Volt 400 – Hz 50



FOR ASPIRATION UNIT

STANDARD: IEC 60349-1-2 AND NF F 65-101

REF: DRAWING 010334A1

NB: motor with connector type HARTING with thermal protection - insulation class F – triple

Impregnation – equilibration grade S – bearings 2RSC3 – dielectric test 2900 V 60 s -

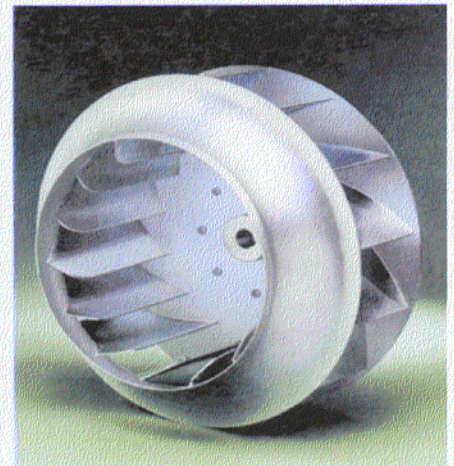
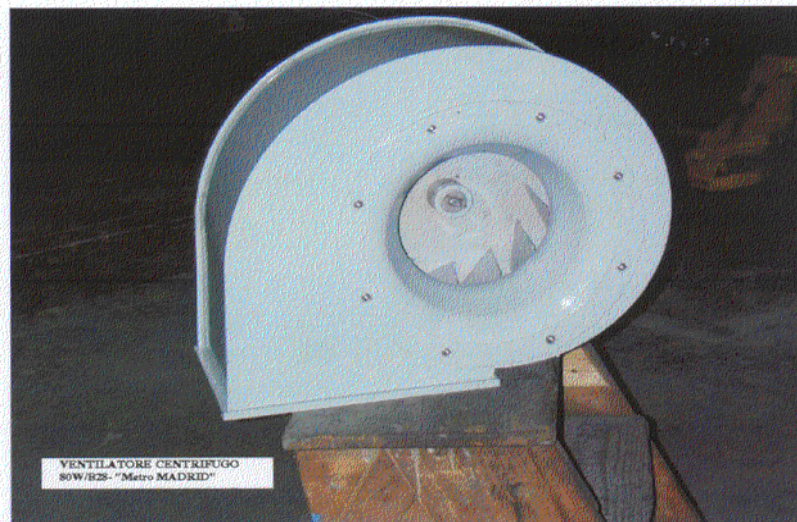
Drainage holes closed by special screw

APPLICATION: RAILWAY

DUTY: VENTILATOR UNIT FOR COOLING OF THE TRACTION INVERTER

COUPLING: DIRECT

MOTOR TYPE: AS 80 A 2 – kW 0.75 – Volt 400 – Hz 50



DRIVE MOTOR FOR CENTRIFUGAL FAN

Date: 11/06/2001

PROJECT: METRO MADRID

NB: Insulation class H – tropicalized winding – double impregnation – equilibration grade R -

bearings 2ZC3 – high temperature grease – special construction in cast iron

APPLICATION: TEXTIL MACHINERY

DUTY: WINDER/UNWINDER DRIVE MOTOR

COUPLING: SPECIAL

MOTOR TYPE: AS 112 M 2 – kW 3.5 – Volt 400 – Hz 330 – RPM 19.000



NB: special high speed motor – with forced ventilation – thermal protection – labyrith seal ring –

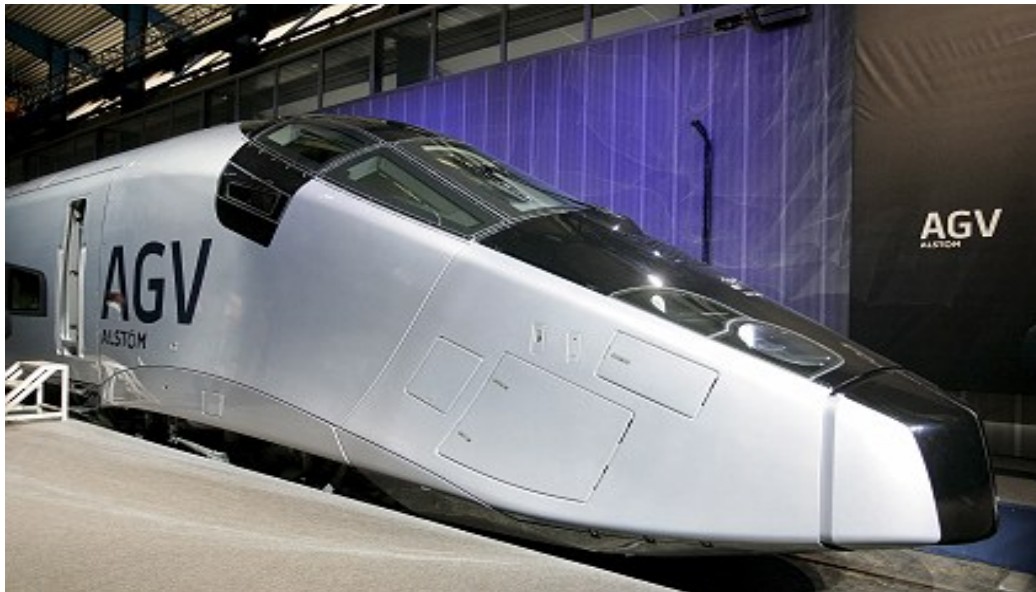
air/oil lubrication – special bearings for high speed operation

APPLICATION: RAILWAY

DUTY: DRIVE MOTOR FOR BRAKE COMPRESSOR

COUPLING: DIRECT

MOTOR TYPE: AS 112 MB 2 – kW 5.5/6.4 – Volt 400/480 – Hz 50/60



PROJECT: AGC/SPECIFICATION 800000728056

REF: DRAWING 010277A3

STANDARD: IEC 60349-1-2

NB: insulation class H – triple impregnation – equilibration grade R – bearings ZC3 - high

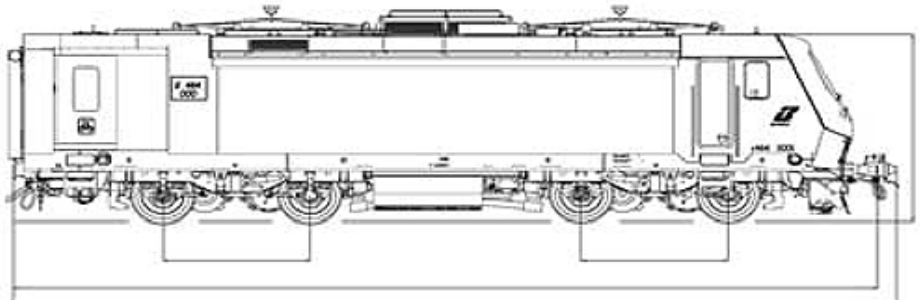
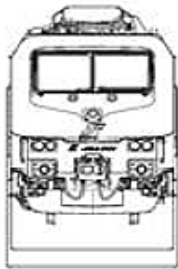
Temperature grease – closed drainage holes – dielectric test 3000 V 60s

APPLICATION: RAILWAY

DUTY: DRIVE MOTOR OF FAN UNIT FOR COOLING THE TRACTION MOTORS

COUPLING: DIRECT

MOTOR TYPE: AS 132 L 2 – kW 10.5 – Volt 345 – Hz 46



PROJECT: LOCO E 464 - SPECIFICATION 9641659/N

Date: 18-03-2002

STANDARD: IEC 60349-1-2

REF: DRAWING 21083014

NB: insulation class H – double impregnation – tropicalized winding – equilibration grade R -

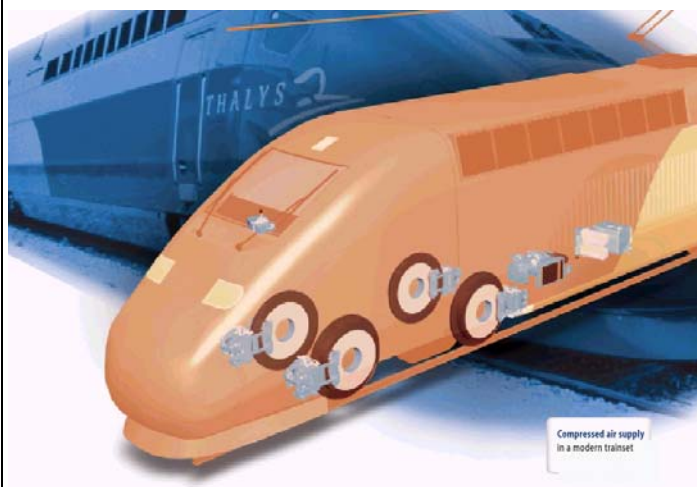
SKF bearings INSOCOAT - high temperature grease – dielectric test 3000 Volt 60 s

APPLICATION: RAILWAY

DUTY: BRAKE COMPRESSOR CONTROL

COUPLING: DIRECT

MOTOR TYPE: AS 132 L 4 – kW 15 – Volt 380 – Hz 60



REF: DRAWING 210830I4/SPECIFICATION SM 900223

STANDARD: IEC 60349-1-2

NB: insulation class H – double impregnation – tropicalized winding – equilibration grade R

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Bearings ZC3 – high temperature grease – drainage holes closet – dielectric test 3000 V 60
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APPLICATION: DRAINAGE OF LAKES – SEA PORTS

DUTY: DRIVE MOTOR FOR SUBMERSIBLE PUMP

COUPLING: DIRECT

MOTOR TYPE: AS 355 L10 – kW 110 – Volt 380/660 – Hz 50



STANDARD: UL/CSA

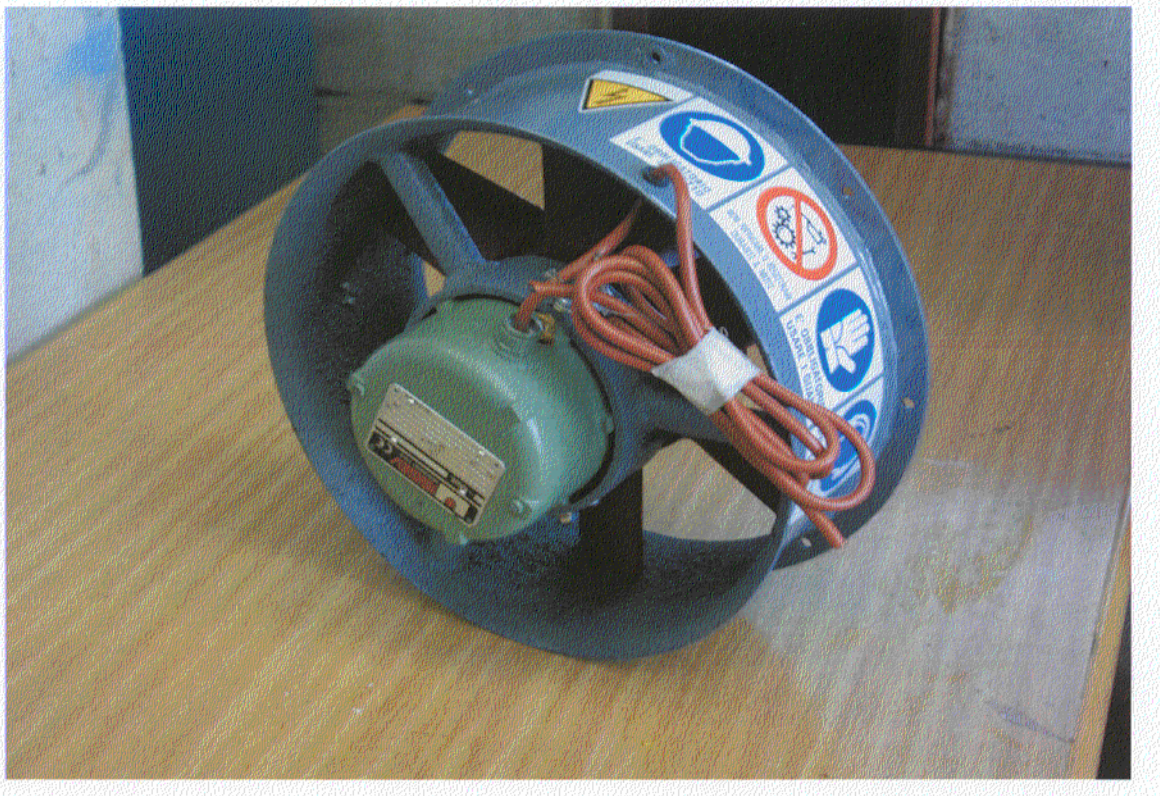
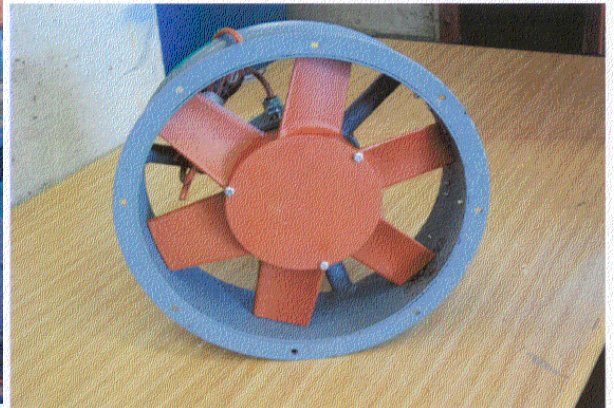
NB: insulation class F – tropicalized winding – equilibration grade R – thermal protection

APPLICATION: RAILWAY

DUTY: COOLING FAN FOR AUXILIARY CONVERTERS

COUPLING: DIRECT

MOTOR TYPE: LVS 71 B 2 – kW 0.22-0.34 – Volt 380/440 – Hz 50/60



PROJECT: AXIAL FAN FOR ETR 500

Date: 16/05/2002

NB: insulation class H – tropicalized winding – double impregnation – equilibration grade R -

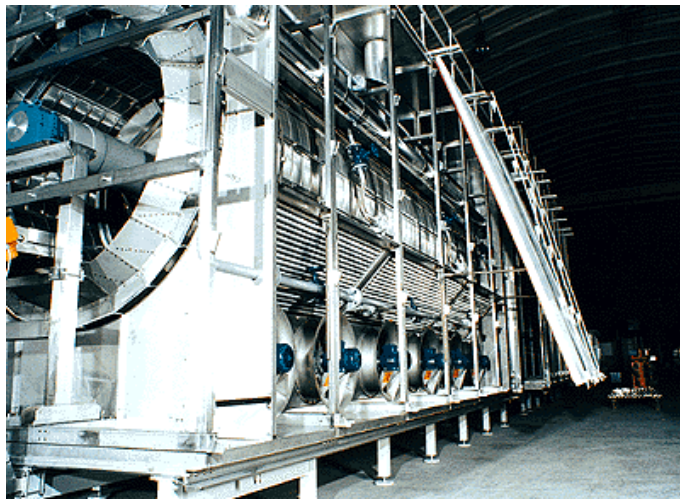
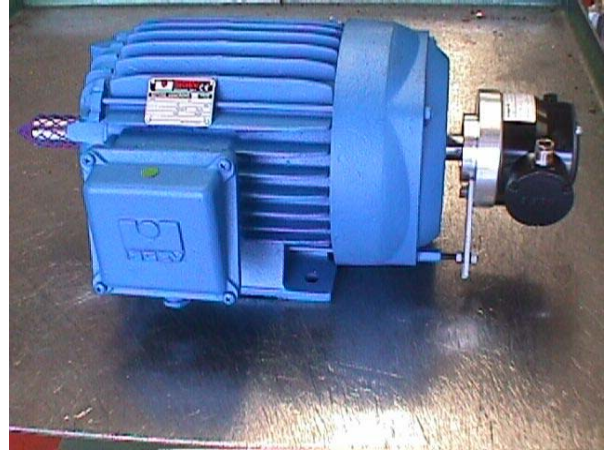
bearings 2ZC3 – high temperature grease – output cable in silicone – special construction in cast iron

APPLICATION: VARIABLE SPEED

DUTY: CONTROL OF COMPLEX SYSTEMS

COUPLING: DIRECT AND INDIRECT

MOTOR TYPE: 5BE 100 L 2 – kW 3 – Volt 400 – Hz 50



STANDARD: UL/CSA

NB: insulation class H – double impregnation – tropicalized winding – equilibration grade R
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Thermal protection – bearings ZC3 – high temperature grease – special type of varnish