

Ansaldo Sistemi Industriali SpA **Motors, Generators and Drives**

Monfalcone: 13/09/2011

04186202

TYPE:GH630SK DELIVERY:28/10/2011 QTY. 1 S/N 10217106-106
CUSTOMER: DANIELI ORDER: 11219055OE LIQU.DAM.:yes

kW	1600.00	VOLT	700	AMP	2420.00	Rpm base	900
kW	1600.00	VOLT	700	AMP	2420.00	Rpm max.	1500
kW	56.32	VOLT	93.0	AMP	2420.00	Rpm min.	90
kW	0.00	VOLT	0.0	AMP	0.00	Rpm F.C.	0

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EXCITATION SEPARATE                                VEXC. =220.0
STANDARDS CEI-IEC      DUTY S1  DUTY.      ALTITUDE asl 1000
MAX LOADS % rated speed      (freq.) 150.0      (occas.) 150.0
MAX LOADS % max      speed      (freq.) 150.0      (occas.) 150.0
MOMENT OF INERTIA (Kgm2)= 210.00                                RATED TORQUE (Nm)= 16976
EXC.VOLT. (V)= 219.58  EXC.CURR. (A)= 24.63  RESIST. 115° (Ω)= 8.670
ARMATURE INDUCTANCE (mH)      NOT SATURATED: 0.190  SATURATED: 0.133
TIME CONSTANTS(msec) OF:      ARMATURE=14.521      FIELD=1493.230
SPEED VS EXC. CURR. AT NO-LOAD AND 700V  900 Rpm 23.3 A

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ARMATURE TOTAL RESIST. AT 115° 9.159000e-03 Ω

CONSTR. TYPE B3 PROT. IP54 WEIGHT 9850 Kg DYNAMIC LOAD 22528 Kg
CABLE EXIT SEEN FROM D.E. left with t.box
SHAFT EXT. 2 std.,std. mat COUPLING coupling
NOISE LEVEL standard
D.E. BEARING NU1040ECM C3 N.D.E. BEARING 6040M C3
BRUSHES (each motor): 36 (32.0 x 40.0) (EG571)

Machine type	: motor	Direction of rotat.	: reversible
Power supply	: PTIC	Ventilation	: installed
F.C. base speed	: 0 Rpm	Ventilation type	: CRAH IC86W
Service factor	: 1	Water Flow	: 28000 l/h
Bridge supply volt.	: 690 V	Inlet Water Temper.	: 33 °C
Bridge supply freq.	: 50 Hz	Heat-exch. blower	: standard
Exc. voltage 1	: 220 V	Blower/H.E.from DE	: standard,top
Exc. voltage 2	: 0 V	Blower mot. voltage	: 400 V
Ambient temp. °C	: 45 °C	Blower mot. frequ.Y	: 50 Hz
Temperature rise °C	: 105 °C	Blower/H.E.mot.rat.	: 18.5 Kw
Starting torque	: 1.8 p.u.	Blower mot. speed	: 1500 Rpm
Balancing qu.grade	: N	Bearing RTD's	: drive end + not

Brake	:		Fl.acc.-centr./fori	:	0
Tachogenerator	:		Coupl. shaft diam.	:	0 mm
Encoder	:	provision for mo	Coupling mounting	:	
Encoder type	:	note	Thermodetec.s type	:	None
Pulses/rev.	:	0	Space heaters	:	yes
Phonic wheel	:		Space heaters volt.	:	220 V
Centrifugal switch	:		Space heaters type	:	2x720 W
Accessor. controls	:	coaxial	Space heaters temp.	:	
Other accessories	:	yes	Wdg.s PT100 RTD's	:	3
Accessory type	:	isp.spazz.trasp.			

Outline drawing	: 2900003348	RAL colour	: 7031 gray
Painting	: colour	Painting cycle	: standard

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Doc. language      : english      | Nameplates        : ANS-it/ing/ted
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NOTES: (1) Code: 1000140749
(2) Customer Ref.: 5.592408.V
(3) PT100 on bearings, 1+1
(4) Included in the scope of supply: tandem bedplate mechanical drawing and shims between motors and bedplate
(5) double shaft end size d.190mm x 350 mm (with keyway)
(6) Half coupling on DE shaft end to be sent on manufacture account by customer Danieli
(7) Tandem motors overall dimensions: dwg 2900003351

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Firma:  Monfalcone: 13/09/2011

B O L L E T T I N O

COMM: 04186202

TIPO: GH630SK CONS. 28/10/2011 PZ. 1 MATR. 10217106-106
CLIENTE: DANIELI ORDINE: 11219055OE PENALE: si

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kW 1600.00	VOLT 700	AMP 2420.00	Giri/minuto base	900
kW 1600.00	VOLT 700	AMP 2420.00	Giri/minuto max.	1500
kW 56.32	VOLT 93.0	AMP 2420.00	Giri/minuto min.	90
kW 0.00	VOLT 0.0	AMP 0.00	Giri/minuto F.C.	0

ECCITAZIONE INDIPENDENTE V ECC=220.0
NORME CEI-IEC SERV. S1 SERV. METRI s.l.m. 1000
CARICHI MAX % vel. nominale (freq.) 150.0 (occas.) 150.0
CARICHI MAX % vel. massima (freq.) 150.0 (occas.) 150.0
MOMENTO D'INERZIA (Kgm²)= 210.00 COPPIA NOMINALE (Nm)= 16976
TENS.ECC (V)= 219.58 CORR.ECC (A)= 24.63 RESIST.115° Ω= 8.670
INDUTTANZA CIRCUITO ARMATURA (mH) NON SATURA: 0.190 SATURA: 0.133
COSTANTI DI TEMPO (msec) ARMATURA=14.521 CAMPO=1493.230
CARATT. VEL./CORR.ECC. A VUOTO A 700V 900 Giri/min 23.3 A
1500 Giri/min 12.1 A
RESIST. TOT. CIRC. ARM A 115° 9.159000e-03 Ω

FORMA B3 PROT. IP54 PESO 9850 Kg CARICO DINAMICO 22528 Kg
USC. CAVI V.L.ACC. sn con mors.
ESTR.ASSE 2 norm.mat.norm ACCOPPIAM. giunto
RUMOROSITA normale
CUSCINETTO L.A. NU1040ECM C3 CUSCINETTO L.C. 6040M C3
SPAZZOLE (x 1 mot.): 36 (32.0 x 40.0) (EG571)

Tipo macchina	: motore	Rotazione l.a.	: reversibile
Alimentazione	: PTIC	Ventilazione	: installata
N. giri base F.C.	: 0 G/min	Tipo ventilazione	: CRAH IC86W
Service factor	: 1	Portata H2O ref.	: 28000 l/h
Tens. alim. ponte	: 690 V	Temp. H2O ref.	: 33 °C
Freq. alim. ponte	: 50 Hz	Tipo vent. scamb.	: normale
Volt ecc. 1	: 220 V	Posiz. v/s l.a.	: diritto sup
Volt ecc. 2	: 0 V	Tens. alim vent.	: 400 V
T. ambiente °C	: 45 °C	Freq. alim vent.	: 50 Hz
Sovratemperatura °C	: 105 °C	Pot. mot/i v/s	: 18.5 Kw
Coppia avviamento	: 1.8 p.u.	Giri mot/i v/s	: 1500 G/min
Classe di equil.	: N	PT100 cuscinetti	: lato acc.+coll.

Freno	:	Fl.acc.-centr./fori	: 0 mm
Dinamo tachimetrica	:	Diam. asse acc.	: 0 mm
Generatore di imp.	: predispos.	Montaggio giunto	:
Tipo di gen. imp.	: note	Tipo termopr.	: nessuno
Impulsi per giro	: 0	Scaldiglie	: si
Ruota fonica	:	Tensione scald.	: 220 V
Rele centrifugo	:	Tipo scaldiglie	: 2x720 W
Comando accessori	: in asse	Termostato scald.	:
Altri accessori	: si	PT100 avv.	: 3
Tipo accessorio	: isp.spazz.trasp.		

Disegno di ingombro	: 2900003348	Punto colore RAL	: 7031 grigio
Verniciatura	: colore	Ciclo vern.	: normale

Doc. in ling.	: inglese	Targhe	: ANS-it/ing/ted
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- NOTE: (1) Cod. 1000140749
(2) Rif. Cliente: 5.592408.V
(3) PT100 cuscinetti, 1+1
(4) Inclusi nella fornitura: progetto del basamento per il tandem e spessori tra motori e basamento
(5) Albero con doppia estremita' d.190m6x350 , con linguette
(6) Motore di testa del tandem
(7) Semigiunto su estremita' di potenza in c.to lavoro da cliente
(8) Assieme motori in tandem dis.2900003351