



GENERAL DATA

Request #00226594

File: A-G_DST_LIGHT_EN_COMPRESSED_SI#226594

Section

A

A_M_P_-_35_2_13.6_-_71B14_-_M1_-_INOIL_STD_Without_Paint_N_-----

A.1.10.10 Customer references

FARM	Company	STM Finland
NAME_CUST	Customer contact person	Mikko Valtonen
ADDRESS_CUST	Address	Luoteisrinne 5 - 02270 Espoo (Finland)

A.2.10.10 Product Family

M_MASTER	Machine_MASTER	STM_HTL_MON_A-G
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A.2.10.20 Family Features

G_CHR_A	Feature No.1	Inline gearboxes and gear motors A
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A.3.10.10 Gearbox coding parameters - BASIC

M	Machine	A
IV	Input Version	M = pre arrangement motor
SIZE	Size	35 = Size_35
MFG	Modular feet	P
OV	Output Version	F = fixing flange design
OF	Output flange	- = Version with gearbox connection without flange
NOR	No. of stages	2 = N° of reductions
IR	Reduction ratio	13.6
IVT	Input Version - TYPE	IEC = IEC - Motor Type
IS	Input shaft	71B14
TOBE	Tapered Output Bearings	- = Standard radial or tapered bearings
TYPSD	Output shaft type	SI = mm
SD	Shaft Diameter	Ø16
MP	Mounting positions	M1

A.3.30.10 OPT - Options - Material of sealing rings

OPT	OPT - Options - Material of sealing rings	- = Seal-Type - STANDARD
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A.3.30.20 OPT1 - Options - Lubricant supply status and lubricant technical specifications

OPT1	OPT1 - Options - Oil supply status	INOIL_STD = Gearbox with lubricant STM standard
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A.3.30.30 OPT2 - Options - Painting

OPT2	OPT2 - Options - Painting	Without_Paint = Without painting
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A.3.41.10 MOTOR GEARBOXES

MGBCK	Gear motors - YES/NO	N
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A_M_P_--_35_2_13.6_--_71B14_--_M1_--_INOIL_STD_Without_Paint_N_-----

C.1.10.30 Gearbox - Basic plate data

n1	Input shaft speed	1400	[rpm]
n2	Output shaft speed	103	[rpm]
ir_gear	Transmission ratio	13.6	[Numeric]
TN	Gearbox Nominal Output Torque	50	[Nm]
P1n	Nominal Input Mechanical Power	0.56	[kW]
RD%	Dynamic efficiency	95	[Numeric]
Fr(I/2) n2	Output Nominal Radial Load for Gearbox at I/2 distance	1066	[N]
Fa n2	Output Nominal Axial Load	213	[N]
Ptn	Thermal Power Rating	4.5	[kW]



PDF-Datasheet

Dimensioni Dimensions Abmessungen

Section:

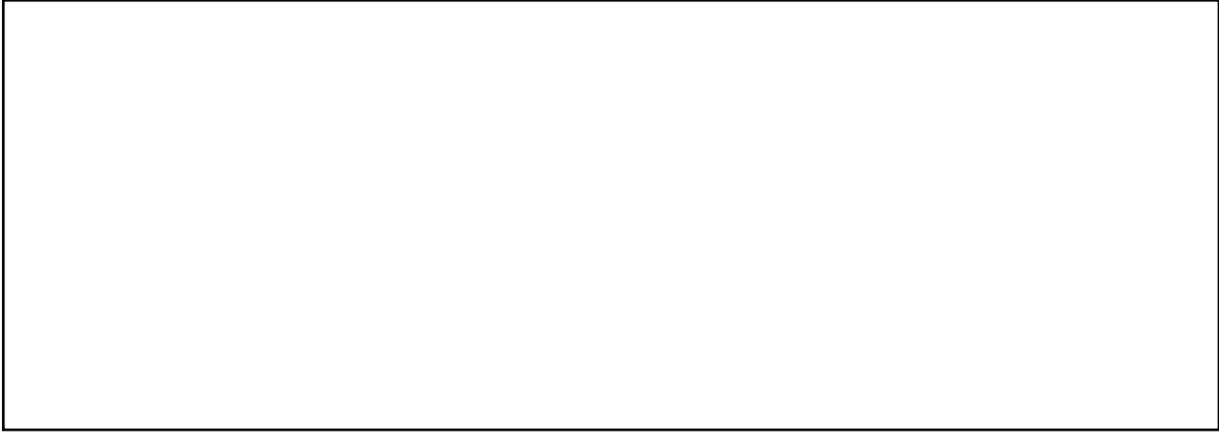
E

Designation

A_M_P - - 35 2 13.6 - 71B14 - - - M1 - INOIL_STD_Without_Paint_N - - - - -

E.1

General dimensions: ROTATION DIRECTION



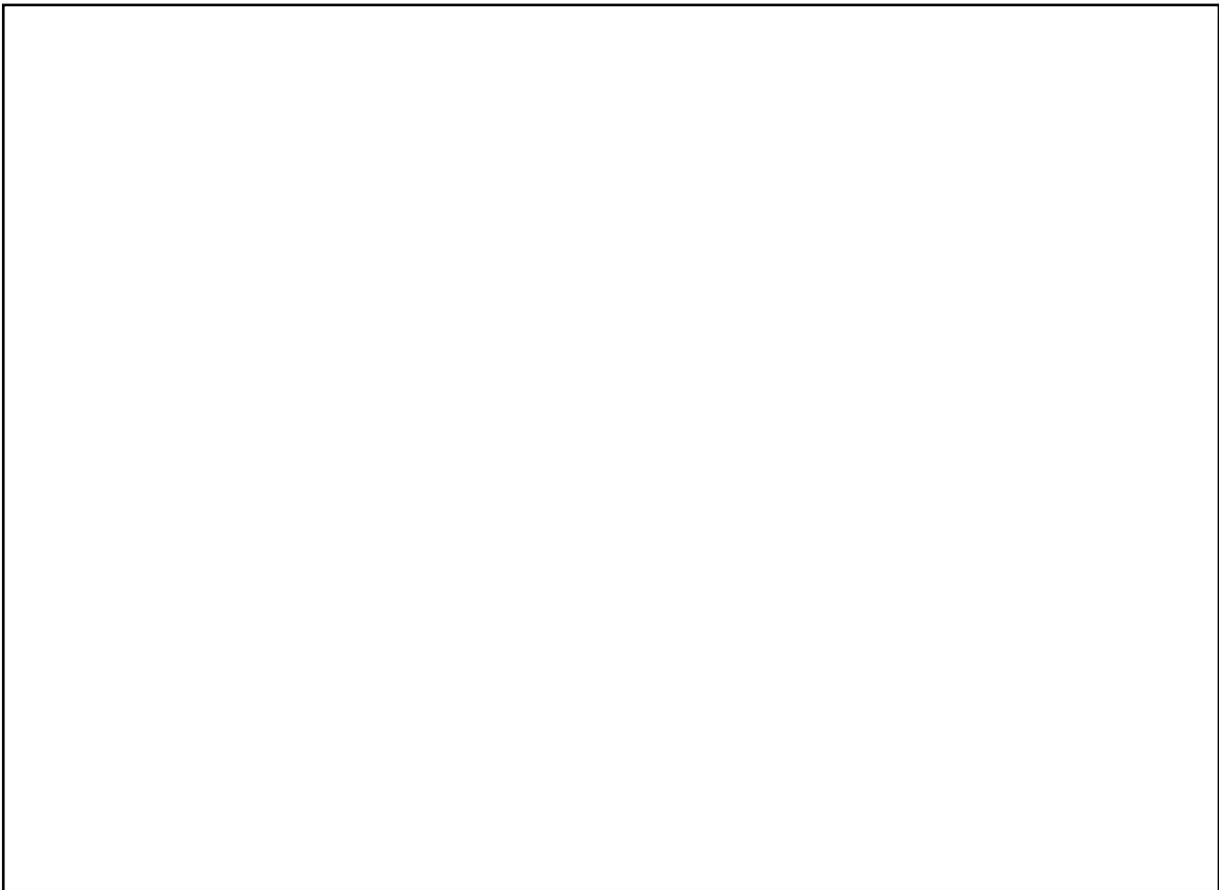
E.1

General dimensions: DRAWING PLUG (DETAILS DRW OF CHAPTER D.1.20.10)

E.1 -

MP_Mounting positions

M1



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