



- A PART OF ADDTECH GROUP

DATASHEET

Customer:	PHES
Ref.:	5232533
Order:	
Motor:	4AL2n 90L-4 122206
Serial nr:	
Date:	2017-05-02

ASYNCHRONOUS MOTOR 4AL2n 90L-4

Nameplate data:

Code: 116010

Type:	4AL2n 90L-4			IP55	F/B	Amb. temp.: Max. 40°		
kW	Hz	V	A	Rpm	Cos	Eff. 100%	Duty	IE.class
1,50	50	400D	3,37	1430	0,77	82,8%	S1	IE2
1,50	50	690 Y	1,95	1430	0,77	82,8%		
1,80	60	460 D	3,52	1716	0,77	82,8%		

Description:

Mounting form:	B3/B14
Bearing DE:	6205-2Z/C3
Bearing NDE:	6205-2Z/C3
Weight - Kg.:	20,5
Heater:	No Heater
PTC:	PTC mounted
Kgm ² :	0,0027
Sound press.-db(A):	52,0

Other:

	Special shaft LOC3 drawing 70918
	RAL9005

Test data S1-duty, Amb.temp 40°C:

Voltage - V:	400
Frequency - Hz:	50
Power - kW:	1,50
Full load speed - Rpm:	1430
Full load current - A:	3,37
Full load power factor - Cos:	0,77
Locked rotor current - A:	23,6
Locked rotor factor - A _{st} /A _n :	7,0

Efficiency 100% load - %:	82,8%
Efficiency 75% load - %:	83,5%
Efficiency 50% load - %:	82,0%
Full load torque - Nm:	10,0
Locked rotor torque - Nm:	23,0
Locked rotor torque - Nm _{st} /Nm _n :	2,3
Max. Pull out torque - Nm:	23,0
Max. Pull out torque. - Nm _{st} /Nm _n :	2,3

Over load/speed test	kW	Hz	V	A	Rpm
Over load 160% - 15sec.	2,40	50	400	5,39	1430
Over speed 125% - 2 min.	1,5	63	400	3,37	1788
H-Pot test voltage: 1800V			Temp. rise in stator:		

The motor is produced in accordance with following harmonized standards:

IEC60034-1, IEC60034-2, IEC60034-5, IEC60034-6, IEC60034-7, IEC60034-8, IEC60034-9
IEC60034-12, IEC60034-14, IEC60034-30, IEC60072.

Bevi Group:

BEVI AB, Sweden
BEVI Nord AB, Sweden
BEVI A/S, Denmark
BEVI Norge A/S, Norway
BEVI Finland OY AB, Finland
BEVI Est Oü, Estonia
BEVI UAB, Lithuania
BEVI CHINA, China

www.bevi.se
www.bevi.se
www.bevi.dk
www.bevi.no
www.bevi.fi
www.bevi.ee
www.bevi.lt
www.bevi.cn

sales@bevi.se
bevinord@bevi.se
bevi@bevi.dk
info@bevi.no
info@bevi.fi
bevi@bevi.ee
info@bevi.lt
sales@bevi.cn

+46 499 271 00
+46 90 70 44 30
+45 39 67 36 05
+47 22 07 66 50
+358 9 2709 1210
+372 6828 755
+370 5 2611 112
+86 21 5032 5200