
GEARBOX

PRODUCT SERIES	C - Helical In-line Gearboxes
FRAME SIZE	61 - Mn2=1600Nm/Tn2=14200LbIn
REDUCTIONS	3 - 3 Reduction Stages
VERSION	P - Metric Foot Mount
GEAR RATIO	58.6
INPUT CONFIGURATION	S3 - Integral Motor Size - S3
MOUNTING POSITION	B3

MOTOR

PRODUCT SERIES	M - AC IE1 Integral 3 Phase Motor
FRAME SIZE	3LA - Integral Motor Size 3LA
POLE NUMBER	4 - 4 Poles
VOLTAGE-FREQUENCY	230/400-50 - 230 [V] Δ - 400 [V] Y 50 [Hz]
DEGREE OF PROTECTION	IP55 - Standard and Brake Motors
INSULATION CLASS	CLF - Standard Insulation Class
TERMINAL BOX	W - Terminal Box Positiont 270°
MOUNTING	60 - Connection Flange Size 60

GEARBOX OPTION

LUBRICANT	LO - Supplied With Oil
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TECHNICAL DATA

Measurement Internat. System	METRIC
n₂ Output Speed [min⁻¹]	24.1
Mn₂ Output rated torque [Nm]	812
Rn₂ Output OHL [N]	16000
Gearb.Mom.Inert.(•10⁻⁴) [kgm²]	3.8
sf Service factor	2.0
Output Shaft Dimensions	Ø50 h6 x 100 mm
Frequency [Hz]	50
n Motor Speed [min⁻¹]	1410
Mn Motor Nominal Torque [Nm]	14.9
Tn Motor Nom. Torque [lb-in]	132
η₁₀₀ Efficiency 100% [%]	0.814
η₇₅ Efficiency 75% [%]	N/A
η₅₀ Efficiency 50% [%]	N/A
Cosφ	0,75
Pn Motor Nominal Power [kW]	2.2
Pn Motor Nominal Power [Hp]	3
Pn-60 Motor Nominal Power [kW]	2.5
Pn-60 Motor Nominal Power [Hp]	3.4

Gearmotor Weight [Kg]	68.4
Oil Quantity [l]	4.300
VOLTAGE MIN-MAX	380-415 VY
CURRENT MIN-MAX	5.4/5.4 A
VOLTAGE MIN-MAX - 60	440-480 VY
CURRENT MIN-MAX - 60	5.2/5.1 A
In Nominal Current [A]	9,0/5,2

Product Dimensions

Created by: xuantung.do@vinama.com.vn

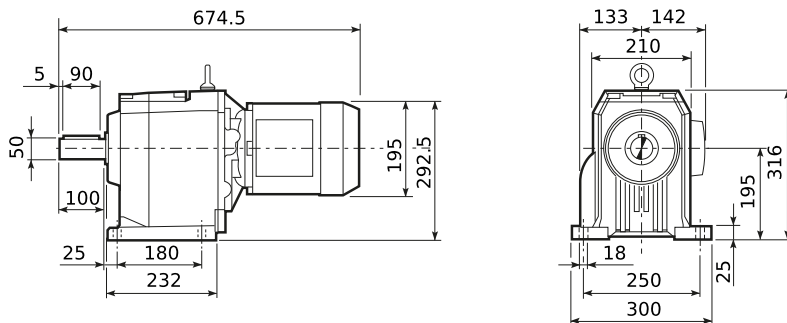
Created on: 04/05/2025

Designation

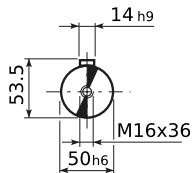
C 61 3 P 58.6 S3 B3 M 3LA 4 230/400-50 IP55 CLF W 60 LO

Dimensions [mm], Italic [In]

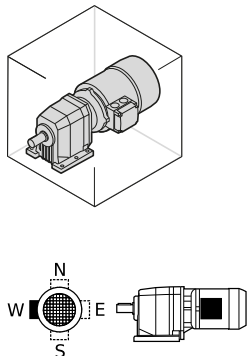
Gearbox Dimensions



Output Shaft



Mounting Position



Motor Dimensions

