
GEARBOX

SERIES	A - Series Bevel Gearboxes
SIZE	70 - Mn2=5000Nm/Tn2=44300LbIn
REDUCTIONS	3 - 3 Reduction Stages
VERSION	UH70 - Hollow O/P Shaft Dia. 70mm
GEAR RATIO	38.4
INPUT CONFIGURATION	S5 - Integral Motor Size - S5
MOUNTING POSITION	VA

MOTOR

PRODUCT SERIES	M - AC IE1 Integral 3 Phase Motor
FRAME SIZE	5LA - Integral Motor Size 5LA
POLE NUMBER	4 - 4 Poles
VOLTAGE-FREQUENCY	230/460-60 - 230 [V] Δ - 460 [V] Y 60 [Hz]
DEGREE OF PROTECTION	IP55 - Standard and Brake Motors
INSULATION CLASS	CLF - Standard Insulation Class
TERMINAL BOX	W - Terminal Box Positiont 270°
MOUNTING	70 - Connection Flange Size 70

MOTOR OPTION

CERTIFIED	CUS - Certified for USA and Canada
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TECHNICAL DATA

Measurement Internat. System	METRIC
n₂ Output Speed [min⁻¹]	N/A
Mn₂ Output rated torque [Nm]	N/A
Rn₂ Output OHL [N]	N/A
Gearb.Mom.Inert.(•10⁻⁴) [kgm²]	N/A
sf Service factor	N/A
Output Shaft Dimensions	Ø70 G7 mm
Frequency [Hz]	60
n Motor Speed [min⁻¹]	-
n Motor Speed 60Hz [min⁻¹]	1760
Mn Motor Nominal Torque [Nm]	-
Mn Motor Nom. Torque 60Hz [Nm]	100
Tn Motor Nom. Torque [lb-in]	-
Tn Mot. Nom.Torq. 60Hz [lb-in]	888
η₁₀₀ Efficiency 100% [%]	-
η₇₅ Efficiency 75% [%]	N/A
η₅₀ Efficiency 50% [%]	N/A
η₁₀₀ Efficiency 100% 60Hz [%]	-
Cosφ	-

Cosφ 60Hz	0.83
Pn Motor Nominal Power [kW]	-
Pn-60 Motor Nominal Power [kW]	18.50
Pn Motor Nominal Power [Hp]	-
Pn-60 Motor Nominal Power [Hp]	24.79
KVA code	-
KVA code 60Hz	G
Gearmotor Weight [Kg]	234.5
Oil Quantity [l]	19.500
VOLTAGE MIN-MAX	-
CURRENT MIN-MAX	-
VOLTAGE MIN-MAX - 60	-
CURRENT MIN-MAX - 60	-
In Nominal Current [A]	-
In Nominal Current 60Hz [A]	62.6/31.3
Voltage [V]	-
Voltage 60Hz [V]	230/460 YY/Y