
GEARBOX

SERIES	A - Series Bevel Gearboxes
SIZE	35 - Mn2=600Nm/Tn2=5310LbIn
REDUCTIONS	2 - 2 Reduction Stages
VERSION	UH40 - Hollow O/P Shaft Dia. 40mm
GEAR RATIO	82.5
INPUT CONFIGURATION	S2 - Integral Motor Size - S2
MOUNTING POSITION	B3

MOTOR

PRODUCT SERIES	M - AC IE1 Integral 3 Phase Motor
FRAME SIZE	2SB - Integral Motor Size 2SB
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	30 - Connection Flange Size 30

GEARMOTOR OPTIONS

PAINTING	RAL5010 - Paint Color RAL5010
SURFACE PROTECTION	C3 - Paint Protection Level ISO C3

BRAKE OPTIONS

BRAKE TYPE	FD - DC Brake
BRAKE TORQUE	10 - Brake T. 10 [Nm] / 89 [LbIn]
RECTIFIER TYPE	NB - Standard Half-Wave Rectifier
BRAKE SUPPLY-VOLTS	400 - Brake Voltage 400 [V]
SEPAR. BRAKE SUPPLY	SA - AC Separate Brake Supply

TECHNICAL DATA

Measurement Internat. System	METRIC
n2 Output Speed [min-1]	17
Mn2 Output rated torque [Nm]	582
Rn2 Output OHL [N]	12000
Gearb.Mom.Inert.(•10-4) [kgm2]	0.18
sf Service factor	1
Output Shaft Dimensions	Ø40 G7 mm
Frequency [Hz]	50
n Motor Speed [min-1]	1400
Mn Motor Nominal Torque [Nm]	7.5
Tn Motor Nom. Torque [lb-in]	66
η100 Efficiency 100% [%]	-
η75 Efficiency 75% [%]	N/A
η50 Efficiency 50% [%]	N/A
Cosφ	0.78
Pn Motor Nominal Power [kW]	1.1
Pn Motor Nominal Power [Hp]	1.5
Pn-60 Motor Nominal Power [kW]	1.3
Pn-60 Motor Nominal Power [Hp]	1.75

Gearmotor Weight [Kg]	43.0
Oil Quantity [l]	2.600
VOLTAGE MIN-MAX	380-415 VY
CURRENT MIN-MAX	2.70/2.80 A
VOLTAGE MIN-MAX - 60	440-480 VY
CURRENT MIN-MAX - 60	2.70/2.80 A
In Nominal Current [A]	4.64/2.68

Product Dimensions

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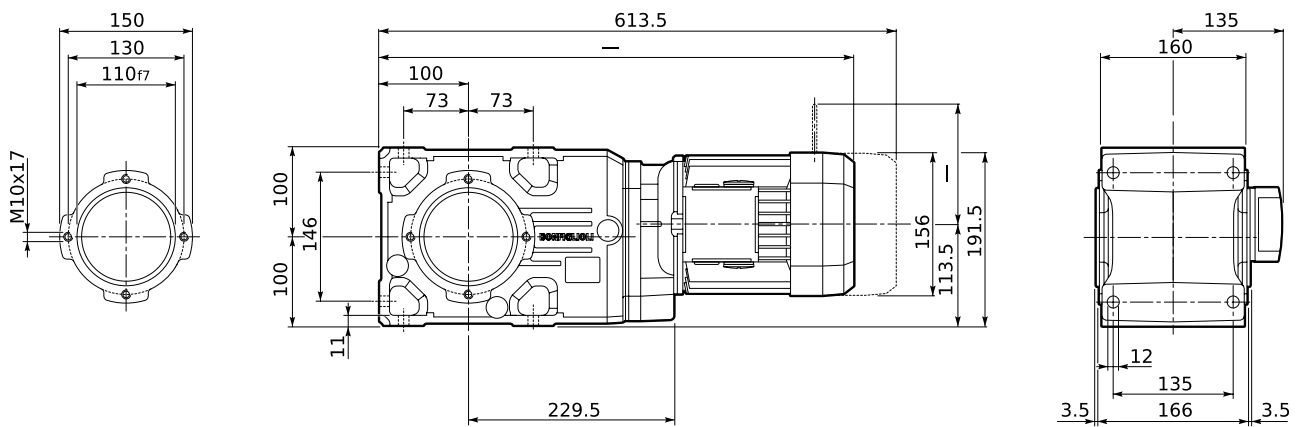
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Designation

A 35 2 UH40 82.5 S2 B3 M 2SB 4 230/400-50 IP55 CLF W 30 RAL5010 C3 FD 10 NB 400 SA

Dimensions [mm], Italic [In]

Gearbox Dimensions



Output Shaft

