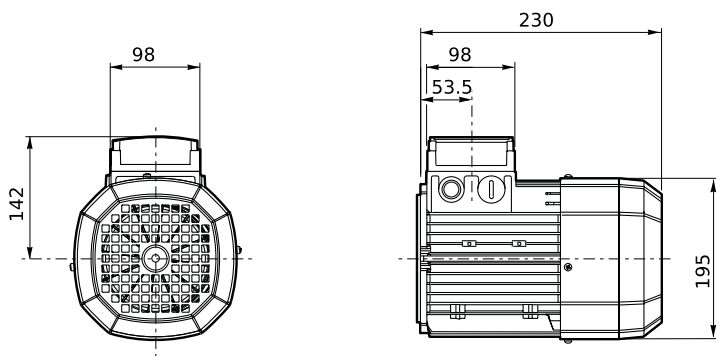


Product Dimensions

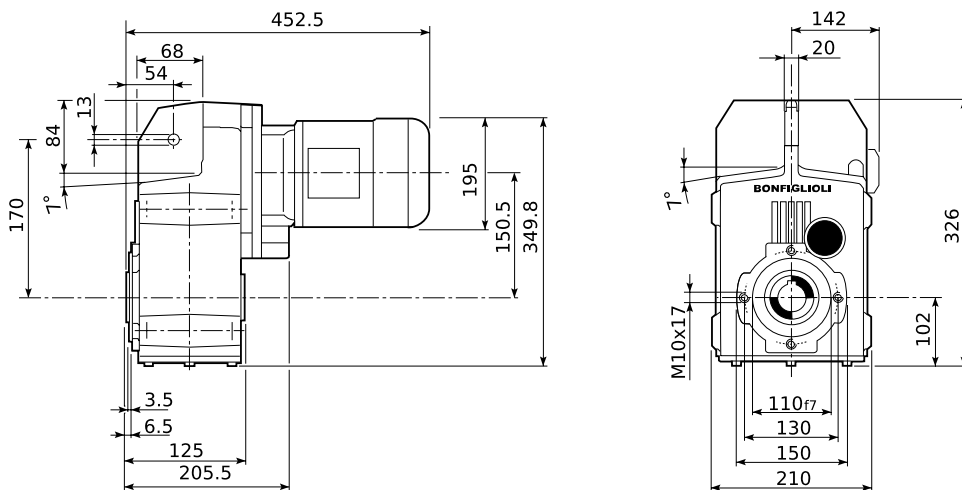
Designation

F 30 2 H40 19.3 S3 H2 M 3SA 4 230/400-50 IP55 CLF W

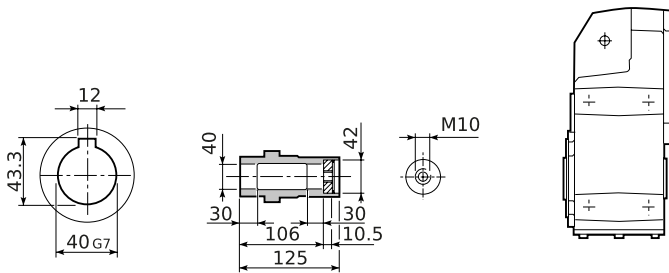
Motor Dimensions



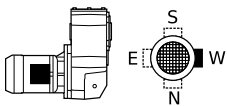
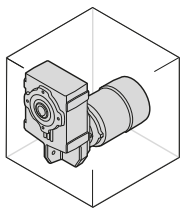
Gearbox Dimensions



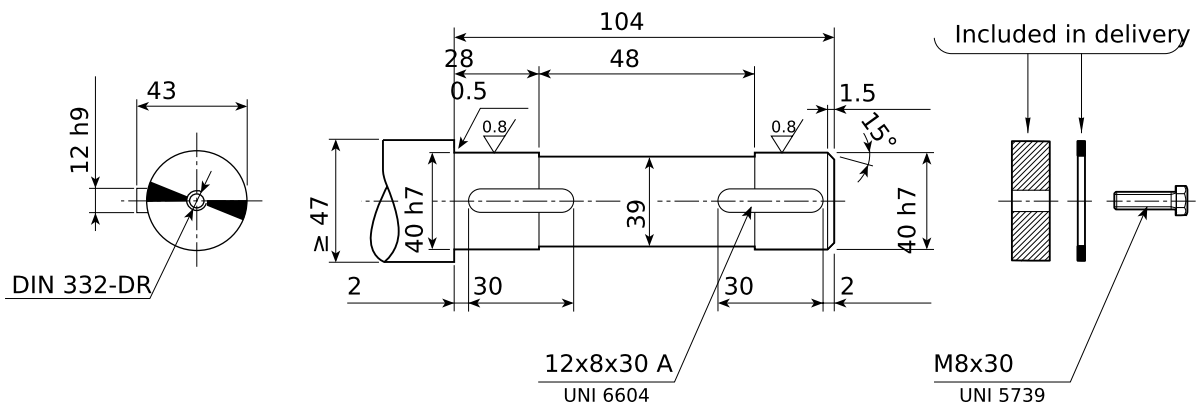
Output Shaft



Mounting Position



Customer's Shaft



GEARBOX

PRODUCT SERIES	F - Helical Parallel Gearboxes
FRAME SIZE	30 - Mn2=600Nm/Tn2=5310LbIn
REDUCTIONS	2 - 2 Reduction Stages
VERSION	H40 - Hollow O/P Shaft Dia. 40mm
GEAR RATIO	19.3
INPUT CONFIGURATION	S3 - Integral Motor Size - S3
MOUNTING POSITION	H2

MOTOR

PRODUCT SERIES	M - AC IE1 Integral 3 Phase Motor
FRAME SIZE	3SA - Integral Motor Size 3SA
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

TECHNICAL DATA

Measurement Internat. System	METRIC
n₂ Output Speed [min⁻¹]	72
Mn₂ Output rated torque [Nm]	187
Rn₂ Output OHL [N]	6320
Gearb.Mom.Inert.(•10⁻⁴) [kgm²]	1.1
sf Service factor	2.9
Output Shaft Dimensions	Ø40 G7 mm
Frequency [Hz]	50
n Motor Speed [min⁻¹]	1410
Mn Motor Nominal Torque [Nm]	10.2
Tn Motor Nom. Torque [lb-in]	90
η₁₀₀ Efficiency 100% [%]	78.00%
η₇₅ Efficiency 75% [%]	N/A
η₅₀ Efficiency 50% [%]	N/A
Cosφ	0.77
Pn Motor Nominal Power [kW]	1.50
Pn Motor Nominal Power [Hp]	2.01
Pn-60 Motor Nominal Power [kW]	1.80
Pn-60 Motor Nominal Power [Hp]	2.41

Gearmotor Weight [Kg]	39.1
Oil Quantity [l]	3.050
VOLTAGE MIN-MAX	380-415 VY
CURRENT MIN-MAX	3.7/3.5 A
VOLTAGE MIN-MAX - 60	440-480 VY
CURRENT MIN-MAX - 60	3.6/3.5 A
In Nominal Current [A]	6.1/3.5
Voltage [V]	230/400 Δ/Y
Mn Motor Nom. Torque 60Hz [Nm]	10.1
Tn Mot. Nom.Torq. 60Hz [lb-in]	89