
GEARBOX

PRODUCT SERIES	VF - Series Worm Gearboxes
SIZE	44 - Mn2=55Nm/Tn2=487LbIn
VERSION	P1 - Side Cover Shaft Mount Side 1
GEAR RATIO	14
INPUT CONFIGURATION	P71 - Metric Motor Adaptor IEC 71
MOTOR MOUNTING	B14 - Motor Mounting Small Flange
MOUNTING POSITION	B3

MOTOR

SERIES	BN - AC IE1 Three Phase Motor
SIZE	71B - Motor Size 71B
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
MOTOR EXECUTION	B14 - B14 Motor Mounting Flange

TECHNICAL DATA

Measurement Internat. System	METRIC
n₂ Output Speed [min⁻¹]	98
Mn₂ Output rated torque [Nm]	29
Rn₂ Output OHL [N]	1690
sf Service factor	1.0
n Motor Speed [min⁻¹]	1370
Mn Motor Nominal Torque [Nm]	2,6
Tn Motor Nom. Torque [lb-in]	23
η₁₀₀ Efficiency 100% [%]	66.8
η₇₅ Efficiency 75% [%]	66.7
η₅₀ Efficiency 50% [%]	63.0
I_n 400V Nomin.Curre.@ 400V [A]	1.05
Cosφ	0.76
P_n Motor Nominal Power [kW]	0.37
P_n Motor Nominal Power [Hp]	0.5
Gearmotor Weight [Kg]	7.9
Output Shaft Dimensions	ø18 H7 mm
Oil Quantity [l]	0.075