
GEARBOX

PRODUCT SERIES	VF - Series Worm Gearboxes
SIZE	49 - Mn2=90Nm/Tn2=797LbIn
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	230/460-60 - 230 [V] Δ - 460 [V] Y 60 [Hz]
DEGREE OF PROTECTION	IP55 - Standard and Brake Motors
INSULATION CLASS	CLF - Standard Insulation Class
MOTOR EXECUTION	B14 - B14 Motor Mounting Flange

MOTOR OPTION

CERTIFIED	CUS - CSA/UL Certificate
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TECHNICAL DATA

Measurement Internat. System	IMPERIAL
n2 Output Speed [min-1]	121.43
Tn2 Output rated torque[lb*in]	211.99
Rn1 Input perm.over.load [lbs]	N/A
Rn2 Output OHL [lbs]	345.88
Gear.Mom.Iner.(•10-4) [lb·ft2]	N/A
sf Service factor	2.52
Frequency [Hz]	60
n Motor Speed [min-1]	-
Mn Motor Nominal Torque [Nm]	-
Tn Motor Nom. Torque [lb-in]	-
η100 Efficiency 100% [%]	-
η75 Efficiency 75% [%]	N/A
η50 Efficiency 50% [%]	N/A
Cosφ	-
Pn Motor Nominal Power [kW]	-
Pn Motor Nominal Power [Hp]	-
Pn-60 Motor Nominal Power [kW]	0.37
Pn-60 Motor Nominal Power [Hp]	0.5

KVA code	-
Gearmotor Weight [lb]	19.6
Output Shaft Dimensions	ø25 H7 mm
Oil Quantity [gal]	0.032
VOLTAGE MIN-MAX	-
CURRENT MIN-MAX	-
VOLTAGE MIN-MAX - 60	-
CURRENT MIN-MAX - 60	-
In Nominal Current [A]	-