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**GEARBOX**

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<b>PRODUCT SERIES</b>	W/VF - Combined Worm Gear W/VF
<b>FRAME SIZE</b>	63/130 - W 63 + VF 130
<b>VERSION</b>	FC2 - Short Flange Side 1
<b>GEAR RATIO</b>	280
<b>INPUT CONFIGURATION</b>	P90 - IEC 90 Input
<b>MOTOR MOUNTING</b>	B5 - Motor Mounting Large Flange
<b>MOUNTING POSITION</b>	V5
<b>MOUNTING EXECUTIONS</b>	CW1
<b>INPUT RATIO</b>	7
<b>OUTPUT RATIO</b>	40

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**MOTOR**

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<b>SERIES</b>	BN - AC IE1 Three Phase Motor
<b>SIZE</b>	90LA - Motor Size 90LA
<b>POLE NUMBER</b>	4 - 4 Poles
<b>VOLTAGE-FREQUENCY</b>	220/440-60 - 220 [V] $\Delta$ - 440 [V] Y 60 [Hz]
<b>DEGREE OF PROTECTION</b>	IP55 - Standard and Brake Motors
<b>INSULATION CLASS</b>	CLF - Standard Insulation Class
<b>MOTOR EXECUTION</b>	B5 - B5 Motor Mounting Flange



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**TECHNICAL DATA**


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<b>Measurement Internat. System</b>	METRIC
<b>n<sub>2</sub> Output Speed [min<sup>-1</sup>]</b>	N/A
<b>Mn<sub>2</sub> Output rated torque [Nm]</b>	N/A
<b>Rn<sub>2</sub> Output OHL [N]</b>	N/A
<b>Gearb.Mom.Inert.(•10<sup>-4</sup>) [kgm<sup>2</sup>]</b>	N/A
<b>sf Service factor</b>	N/A
<b>η<sub>S</sub> Static efficiency [%]</b>	31
<b>Output Shaft Dimensions</b>	∅45 H7 mm
<b>Frequency [Hz]</b>	60
<b>n Motor Speed [min<sup>-1</sup>]</b>	-
<b>Mn Motor Nominal Torque [Nm]</b>	-
<b>Tn Motor Nom. Torque [lb-in]</b>	-
<b>η<sub>100</sub> Efficiency 100% [%]</b>	-
<b>η<sub>75</sub> Efficiency 75% [%]</b>	N/A
<b>η<sub>50</sub> Efficiency 50% [%]</b>	N/A
<b>Cosφ</b>	-
<b>Pn Motor Nominal Power [kW]</b>	0.1
<b>Pn Motor Nominal Power [Hp]</b>	0.13
<b>Pn-60 Motor Nominal Power [kW]</b>	0.1

<b>Pn-60 Motor Nominal Power [Hp]</b>	0.13
<b>Gearmotor Weight [Kg]</b>	70.6
<b>VOLTAGE MIN-MAX</b>	-
<b>CURRENT MIN-MAX</b>	-
<b>VOLTAGE MIN-MAX - 60</b>	-
<b>CURRENT MIN-MAX - 60</b>	-
<b>In Nominal Current [A]</b>	-