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SPECIFICATION OF GEAR REDUCER

Document No.		
RS No.	01000-115	
Order No.		
Designer	Hong.W.Ch.	

InstallationIndoorOutdoorTypeTEFCPoles4Impact loadUniform Medium HeavyPhaseSingle3Ins. classF	USTOMER	ITEM No.
ApplicationKindsE.MotorEngineOthersNo. of rev.(NOMINAL)35.6rpmPower0.5KWHPInstallationIndoorOutdoorTypeTEFCPoles4Impact loadUniformMediumHeavyPhaseSingle3Ins. classFAmbient temp.MAX.40Cycle50HzVoltageVAllowable torquekg mSpeed1425rpmOperating timehour per dayvoltageVVLoad peak per hourbelow55~10over 10VSPECIFICATION OF REDUCERNominal Ratio1/40MATERIAL & HEAT TREATMENTService factorPinionSCM415HCPower cal.NiemannAGMABSGearSCM415Additional coolingNoWaterFanInternal GearKindsGREASEWormWormVorm	ODEL RPH 0.5HP 4P 1/40	QUANTITY
ApplicationKindsE.MotorEngineOthersNo. of rev.(NOMINAL)35.6rpmPower0.5KWHPInstallationIndoorOutdoorTypeTEFCPoles4Impact loadUniformMediumHeavyPhaseSingle3Ins. classFAmbient temp.MAX.40Cycle50HzVoltageVAllowable torquekg mSpeed1425rpmOperating timehour per dayvoltageVVLoad peak per hourbelow55~10over 10VSPECIFICATION OF REDUCERNominal Ratio1/40MATERIAL & HEAT TREATMENTService factorPinionSCM415HCPower cal.NiemannAGMABSGearSCM415Additional coolingNoWaterFanInternal GearKindsGREASEWormWormVorm		¬
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Additional cooling No Water Fan Internal Gear Lubricant Worm Kinds GREASE Worm wheel		
Lubricant Worm Kinds GREASE Worm wheel		
Kinds GREASE Worm wheel	dditional cooling No Water Fan	
		Worm
Quantity0.2kgCasingADC12		
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Viscosity EP GREASE R00 Shaft(L.S) SM45C	scosity EP GREASE R00	Shaft(L.S) SM45C
Method Oil bath Forced Symbol HC:Carburizing HF:High Frequency		- Symbol HC:Carburizing HF:High Frequency
Max. oil temp. 120 HN:Nitriding QT:Quenching-Tempering	ax. oil temp. 120	HN:Nitriding QT:Quenching-Tempering
DIRECTION OF REV.(View from shaft side) APPENDED DRAWINGS	DIRECTION OF REV. (View from shaft side)	APPENDED DRAWINGS
High speed shaft CW CCW Outline dwg. No. GKEN240	5 1	
Low speed shaft CW CCW Sectional dwg No.	1	
Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2		Painting (Munsell No.) 7.5BG 5/2
ACCESSARIES WEIGHT (APPROX.)	ACCESSARIES	
Driver kg		Driver kg
Gear Reducer kg		Gear Reducer kg
Others kg		
Total 12 kg		
Except details specified on this DATA SHEET, all subjects including test		
REMARKS shall be performed in accordance with MAKER STANDARD.		
*** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :		