

SPECIFICATION OF GEAR REDUCER

Document No.						
RS No.	01000-141					
Order No.						
Designer	Hong.W.Ch.					

CUSTOMER ITEM No.

MODEL RPH 2HP 4P 1/50 QUANTITY

Installation Indoor Outdoor Type TEFC Poles 4 Impact load Uniform Medium Heavy Phase Single 3 Ins. class F Ambient temp. MAX. 40 Cycle 50 Hz Voltage Allowable torque kg m Speed 1430 rpm Operating time hour per day Load peak per hour below5 5~10 over 10 SPECIFICATION OF REDUCER Nominal Ratio 1/50 MATERIAL & HEAT TREATMENT Service factor Pinion SCM415 HC Power cal. Niemann AGMA BS Gear SCM415 HC Additional cooling No Water Fan Internal Gear Lubricant Worm Kinds GREASE Worm wheel Quantity 0.5 kg Casing GC200 Viscosity EP GREASE R00 Shaft(L.S) SM45C Method Oil bath Forced Type TEFC Poles 4 Ins. class F Voltage Alns. class F Voltage Alns. class F Montage Final Internal Gear SCM415 HC Script GC200 Shaft(L.S) SM45C Method Oil bath Forced	DRIVEN MACHINE			DRIVER							
Installation	Application				Kinds	E.M	/lotor	Engine	Others		
Impact load	No. of rev. (NO	OMINAL)	28.6	rpm	Power	2		KW	HP		
Ambient temp. MAX. 40 Allowable torque Appendict of the torque Ambient temp. Allowable torque Appendict of the torque Appendict over 10 Appendict over 10 MATERIAL & HEAT TREATMENT Berion SCM415 HC Additional cooling No Water Fan Internal Gear Worm Worm Worm Worm Worm Worm wheel Quantity O.5 kg Casing GC200 Viscosity EP GREASE R00 Shaft(L.S) SM45C Method Oil bath Forced Max. oil temp. DIRECTION OF REV.(View from shaft side) DIRECTION OF REV.(View from shaft side) Appendict of the torque of the to	Installation	Indoor	Out	door	Type	TEFC		Poles	4		
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Operating time hour per day Load peak per hour below5 5~10 over 10 SPECIFICATION OF REDUCER Nominal Ratio 1/50 MATERIAL & HEAT TREATMENT Service factor Pinion SCM415 HC Power cal. Niemann AGMA BS Gear SCM415 HC Additional cooling No Water Fan Internal Gear Lubricant Worm Kinds GREASE Worm wheel Quantity 0.5 kg Casing GC200 Viscosity EP GREASE R00 Shaft(L.S) SM45C Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV. (View from shaft side) High speed shaft CW CCW Outline dwg. No. GKEN245 Low speed shaft CW CCW Arrangement of shaft ACCESSARIES WEIGHT (APPROX.)	Ambient temp.	MAX.	40		Cycle	50	Hz	Voltage	V		
Load peak per hour below5 5~10 over 10 SPECIFICATION OF REDUCER Nominal Ratio 1/50 MATERIAL & HEAT TREATMENT Service factor Pinion SCM415 HC Power cal. Niemann AGMA BS Gear SCM415 HC Additional cooling No Water Fan Internal Gear Lubricant Worm Kinds GREASE Worm wheel Quantity 0.5 kg Casing GC200 Viscosity EP GREASE R00 Shaft(L.S) SM45C Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Outline dwg. No. GKEN245 Low speed shaft CW CCW Sectional dwg No. Arrangement of shaft ACCESSARIES WEIGHT (APPROX.)	Allowable torque			kg m	Speed		1430		rpm		
SPECIFICATION OF REDUCER	Operating time		hou	r per day							
Nominal Ratio 1/50 MATERIAL & HEAT TREATMENT Service factor Pinion SCM415 HC Power cal. Niemann AGMA BS Gear SCM415 HC Additional cooling No Water Fan Internal Gear Lubricant Worm Kinds GREASE Worm wheel Quantity 0.5 kg Casing GC200 Viscosity EP GREASE R00 Shaft(L.S) SM45C Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Outline dwg. No. GKEN245 Low speed shaft CW CCW Sectional dwg No. Arrangement of shaft Pinion SCM415 HC MATERIAL & HEAT TREATMENT Pinion SCM415 HC SCM415 HC Worm Worm Worm HC:Cariburizing HF:High Frequency HN:Nitriding QT:Quenching-Tempering APPENDED DRAWINGS Outline dwg. No. GKEN245 Sectional dwg No. Painting (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.)	Load peak per ho	our belo	w5 5	5~10	over 10)					
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Max. oil temp. DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Low speed shaft CW CCW Arrangement of shaft ACCESSARIES Symbol HN:Nitriding QT:Quenching-Tempering APPENDED DRAWINGS Outline dwg. No. GKEN245 Sectional dwg No. Painting (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.)	Viscosity	EP GF	REASE RO	0	Shaft(L.S) SM45C						
Max. oil temp. 120 HN:Nitriding QT:Quenching-Temperin DIRECTION OF REV.(View from shaft side) APPENDED DRAWINGS High speed shaft CW CCW Outline dwg. No. GKEN245 Low speed shaft CW CCW Sectional dwg No. Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.)	Method	Oil bat	h For	ced	Symbol HC:Carburizing HF:High Frequency			Frequency			
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Low speed shaft CW CCW Sectional dwg No. Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2 ACCESSARIES WEIGHT (APPROX.)	DIRECTION OF REV.(View from shaft side) APPENDED DRAWINGS										
Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2 **REGET OF THE PROME	High speed shaft	: C\	N CC	W	Outline d	wg. No.		GK	EN245		
ACCESSARIES WEIGHT (APPROX.)	Low speed shaft	C/	N CC	:W	Sectional	l dwg No.					
				,							
Driver kg		ACCESSARIE	S			WEI	GHT (A	APPROX.)			
					Driver				kg		
Gear Reducer kg											
Others kg								kg			
Total 45 kg											
		Except details specified on this DATA SHEET, all subjects including test									
REMARKS shall be performed in accordance with MAKER STANDARD.	REMARKS	·									
*** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :	*** PLEASE REFER TO APPENDED DWG. FOR THE							OLLOWING I	No. :		