

SPECIFICATION OF GEAR REDUCER

| Document No. | | | | | | |
|--------------|------------|--|--|--|--|--|
| RS No. | 01000-2418 | | | | | |
| Project No. | | | | | | |
| Designer | Choi. D.J | | | | | |

CUSTOMER ITEM No.

MODEL RPH 0.5HP 6P 1/120 QUANTITY

| Installation | DRIVEN MACHINE | | | DRIVER | | | | | | |
|--|---|--|--------|----------------------------------|---|-------------------|-------------------------------------|------------|-----|--|
| Installation | Application | | | Kinds | E.N | E.Motor | | Others | | |
| Impact load | No. of rev. | (NORMINAL) 7.8 RPM | | | Power | 1 | | KW | HP | |
| Ambient temp. MAX. 40 | Installation | Indoor | Outo | door | Туре | TEFC | TEFC | | 6 | |
| Peak torque | Impact load | Uniform | Medium | Heavy | Phase | Single | 3 | Ins. class | F | |
| Departing time | Ambient temp. | MAX. | 40 | | Cycle | 50HZ | | Voltage | | |
| SPECIFICATION OF REDUCER | Peak torque | kg m | | | Speed | | 935 rpm | | | |
| SPECIFICATION OF REDUCER Nominal Ratio | Operating time | | hour p | per day | | | | | | |
| Nominal Ratio | Load peak per ho | ur be | low5 | 5~10 | over 10 |) | | | | |
| Service factor Power cal. Niemann AGMA BS Gear SCM415 HC Additional cooling No Water Fan Lubricant OIL GREASE Worm 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 Sectional dwg No. Arrangement of shaft Pairungement of shaft ACCESSARIES Pinion SCM415 HC Gear SCM415 HC Norm Worm Worm Worm wheel Casing GC200 Shaft(L.S) SM45C HC:Carburizing HF:High Frequency HN:Nitiriding QT:Quenching-Tempering APPENDED DRAWINGS Outline dwg. No. GKEN274 Sectional dwg No. Arrangement of shaft Pairung (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.) Driver kg Gear SCM415 HC Worm Wor | SPECIFICATION OF REDUCER | | | | | | | | | |
| Power cal. Niemann AGMA BS Additional cooling No Water Fan Lubricant OIL GREASE Quantity 1.2 KG Worm wheel Casing GC200 Viscosity EP GREASE R00 Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Arrangement of shaft Low speed shaft CW CCW Arrangement of shaft ACCESSARIES Driver ACCESSARIES Except details specified on this DATA SHEET, all subjects including test SM45C Gear SCM415 HC Internal Gear Worm Worm Worm Worm Worm Worm Worm Wor | Nominal Ratio | | 1/120 | | | MATERIAL | . & HE | EAT TREATM | ENT | |
| Additional cooling No Water Fan Lubricant Worm OIL GREASE Worm wheel Quantity 1.2 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. GKEN274 Low speed shaft CW CCW Sectional dwg No. Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2 ACCESSARIES Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test Shall be performed in accordance with MAKER STANDARD. | Service factor | | | | Pinion | | S | CM415 | HC | |
| Lubricant OIL GREASE Quantity 1.2 KG Casing GC200 Viscosity EP GREASE R00 Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Arrangement of shaft Parangement of shaft ACCESSARIES Driver ACCESSARIES Except details specified on this DATA SHEET, all subjects including test Squantity Worm Worm Worm Worm Worm Worm Worm Worm | Power cal. | Niemann | AGMA | BS | Gear | | S | CM415 | HC | |
| OIL GREASE Quantity 1.2 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 Low speed shaft CW CCW Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2 ACCESSARIES Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test SM45C HC:Casing GC200 SM45C HC:Carburizing HF:High Frequency HN:Nitriding QT:Quenching-Tempering APPENDED DRAWINGS Outline dwg. No. GKEN274 Sectional dwg No. Painting (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.) Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test Shall be performed in accordance with MAKER STANDARD. | Additional cooling | No | Water | Fan | Internal G | Gear | | | | |
| Quantity 1.2 KG Viscosity EP GREASE R00 Method Oil bath Forced Max. oil temp. DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Arrangement of shaft ACCESSARIES Driver ACCESSARIES Except details specified on this DATA SHEET, all subjects including test REMARKS Shaft(L.S) SM45C HC:Carburizing HF:High Frequency HN:Nitriding QT:Quenching-Tempering APPENDED DRAWINGS Outline dwg. No. GKEN274 APPENDED DRAWINGS Outline dwg. No. GKEN274 Brinting (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.) Others kg Total Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | Lubricant Worm | | | | | | | | | |
| Viscosity EP GREASE R00 Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Low speed shaft CW CCW Arrangement of shaft ACCESSARIES Driver ACCESSARIES Except details specified on this DATA SHEET, all subjects including test Symbol HC:Carburizing HF:High Frequency HN:Nitriding QT:Quenching-Tempering HN:Nitriding QT:Quenching-Tempering APPENDED DRAWINGS Outline dwg. No. GKEN274 Sectional dwg No. Painting (Munsell No.) 7.5BG 5/2 WEIGHT (APPROX.) Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | OIL GREASE | | | Worm wheel | | | | | | |
| Method Oil bath Forced Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Low speed shaft CW CCW Arrangement of shaft Painting (Munsell No.) ACCESSARIES Driver Rear Reducer Reduce | Quantity | 1.2 KG | | | Casing GC200 | | | | | |
| Max. oil temp. 120 DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Outline dwg. No. Arrangement of shaft Painting (Munsell No.) ACCESSARIES Driver kg Gear Reducer kg Others REMARKS Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | Viscosity | EP GREASE R00 | | | Shaft(L.S) SM45C | | | | | |
| Max. oil temp. 120 HN:Nitriding QT:Quenching-Tempering DIRECTION OF REV.(View from shaft side) High speed shaft CW CCW Low speed shaft CW CCW Arrangement of shaft Painting (Munsell No.) 7.5BG 5/2 ACCESSARIES Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | Method | Oil bat | h Foi | rced | Symbol HC:Carburizing HF:High Frequency | | | | | |
| High speed shaft CW CCW Sectional dwg No. Arrangement of shaft ACCESSARIES Painting (Munsell No.) Driver kg Gear Reducer Others kg Total Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | Max. oil temp. | 120 | | | Symbol | HN:Nitrid | IN:Nitriding QT:Quenching-Tempering | | | |
| Low speed shaft CW CCW Arrangement of shaft ACCESSARIES Driver kg Gear Reducer Others Total Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | DIRECTION OF REV.(View from shaft side) | | | | | APPENDED DRAWINGS | | | | |
| Arrangement of shaft ACCESSARIES Painting (Munsell No.) WEIGHT (APPROX.) Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | High speed shaft | | CW (| CCW | | | | | | |
| ACCESSARIES Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | Low speed shaft | | CW (| CCW Sectional dwg No. | | | | | | |
| Driver kg Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test REMARKS shall be performed in accordance with MAKER STANDARD. | Arrangement of shaft | | | Painting (Munsell No.) 7.5BG 5/2 | | | | | | |
| Gear Reducer kg Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | ACCESSARIES WEIGHT (APPROX | | | | | | (APPROX.) | | | |
| Others kg Total 68 kg Except details specified on this DATA SHEET, all subjects including test REMARKS shall be performed in accordance with MAKER STANDARD. | | | | | Driver | | | | kg | |
| Total 68 kg Except details specified on this DATA SHEET, all subjects including test Shall be performed in accordance with MAKER STANDARD. | | | | | Gear Reducer | | | | kg | |
| REMARKS Except details specified on this DATA SHEET, all subjects including test shall be performed in accordance with MAKER STANDARD. | | | | | Others | | | | kg | |
| REMARKS shall be performed in accordance with MAKER STANDARD. | | | | | Total 68 | | | | kg | |
| · | | Except details specified on this DATA SHEET, all subjects including test | | | | | | | | |
| *** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. : | REMARKS | | | | | | | | | |
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