

| | | | |
|-----------------------------------------------------------------------------------|------------------------------------------|--------------|-----------|
|  | SPECIFICATION OF GEAR REDUCER | Document No. | |
| | | RS No. | 01000-082 |
| | | Project No. | |
| | | Designer | Choi. D.J |

| | |
|-----------------------|----------|
| CUSTOMER | ITEM No. |
| MODEL RPH 1HP 6P 1/60 | QUANTITY |

| DRIVEN MACHINE | | | | DRIVER | | | |
|----------------------------------------|--|--|--|--------|----------|------------|--------|
| Application | | | | Kinds | E.Motor | Engine | Others |
| No. of rev. (NORMINAL) 18.7 RPM | | | | Power | 1 | KW | HP |
| Installation Indoor Outdoor | | | | Type | TEFC | Poles | 6 |
| Impact load Uniform Medium Heavy | | | | Phase | Single 3 | Ins. class | F |
| Ambient temp. MAX. 40 | | | | Cycle | 60HZ | Voltage | |
| Peak torque kg m | | | | Speed | 1120 | | rpm |
| Operating time hour per day | | | | | | | |
| Load peak per hour below5 5~10 over 10 | | | | | | | |

| SPECIFICATION OF REDUCER | | | | | | | | | | | | | | |
|-----------------------------------------|--|---------------|--|-----------|--|-----|--|---------------------------|---------------------------------------|-----------|-------------------|----|--|--|
| Nominal Ratio | | | | 1/60 | | | | 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 | | | | | | |
| OIL | | | | GREASE | | | | Worm wheel | | | | | | |
| Quantity | | 0.5 | | KG | | | | Casing | | GC200 | | | | |
| Viscosity | | EP GREASE R00 | | | | | | Shaft(L.S) | | SM45C | | | | |
| Method | | Oil bath | | Forced | | | | Symbol | HC:Carburizing | | HF:High Frequency | | | |
| Max. oil temp. | | 120 | | | | | | | HN:Nitriding QT:Quenching - Tempering | | | | | |
| 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 | | | | |

| ACCESSORIES | | | | WEIGHT (APPROX.) | | | |
|-------------|--|--|--|------------------|--|----|----|
| | | | | Driver | | kg | |
| | | | | Gear Reducer | | kg | |
| | | | | Others | | kg | |
| | | | | Total | | 45 | kg |

| | | | | | | | |
|---------|--------------------------------------------------------------------------|--|--|--|--|--|--|
| REMARKS | Except details specified on this DATA SHEET, all subjects including test | | | | | | |
| | shall be performed in accordance with MAKER STANDARD. | | | | | | |
| | *** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. : | | | | | | |