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|  | SPECIFICATION OF GEAR REDUCER | Document No. | |
| | | RS No. | 01000-001 |
| | | Order No. | |
| | | Designer | Hong.W.Ch. |

| | |
|------------------------|----------|
| CUSTOMER | ITEM No. |
| MODEL RPH 0.5HP 4P 1/5 | QUANTITY |

| DRIVEN MACHINE | | | | DRIVER | | | |
|--------------------|-----------|---------|--------------|---------|---------|--------|--------|
| Application | | | | Kinds | E.Motor | Engine | Others |
| No. of rev. | (NOMINAL) | 337.0 | rpm | Power | 0.5 | KW | HP |
| Installation | | Indoor | Outdoor | Type | TEFC | Poles | 4 |
| Impact load | | Uniform | Medium | Heavy | Phase | Single | 3 |
| Ambient temp. | | MAX. | 40 | Cycle | 60 | Hz | V |
| Allowable torque | | | kg m | Speed | | 1685 | rpm |
| Operating time | | | hour per day | | | | |
| Load peak per hour | | below5 | 5~10 | over 10 | | | |

| SPECIFICATION OF REDUCER | | | | | | | | | | | | | | | |
|---|--|---------------|--|-----------|--|-----|--|---------------------------|--|----------------|--|----|-------------------------|--|--|
| Nominal Ratio | | | | 1/5 | | | | 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 | | 0.2 | | | | kg | | Casing | | ADC12 | | | | | |
| 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 | | | | | | | |

| DIRECTION OF REV.(View from shaft side) | | | APPENDED DRAWINGS | |
|---|----|-----|------------------------|-----------|
| High speed shaft | CW | CCW | Outline dwg. No. | GKEN240 |
| 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 | | 11 | 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. : | | | | | | |