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|  | SPECIFICATION OF GEAR REDUCER | | Document No. | |
| | | | RS No. | 01000-132 |
| | | | Order No. | |
| | | | Designer | Hong.W.Ch. |

| | |
|-----------------------|----------|
| CUSTOMER | ITEM No. |
| MODEL RPH 1HP 4P 1/90 | QUANTITY |

| DRIVEN MACHINE | | | | DRIVER | | | |
|--------------------|-----------|---------|--------------|--------|---------|--------|---------|
| Application | | | | Kinds | E.Motor | Engine | Others |
| No. of rev. | (NOMINAL) | 15.9 | rpm | Power | 1 | KW | HP |
| Installation | | Indoor | Outdoor | Type | TEFC | Poles | 4 |
| Impact load | | Uniform | Medium | Heavy | Phase | Single | 3 |
| Ambient temp. | | MAX. | 40 | Cycle | 50 | Hz | V |
| Allowable torque | | | kg m | Speed | 1430 | | rpm |
| Operating time | | | hour per day | | | | |
| Load peak per hour | | below5 | 5~10 | | | | over 10 |

| SPECIFICATION OF REDUCER | | | | MATERIAL & HEAT TREATMENT | |
|-----------------------------------------|---------|---------------|-------|---------------------------|-------------------------------------|
| Nominal Ratio | | 1/90 | | Pinion | SCM415 HC |
| Service factor | | | | Gear | SCM415 HC |
| Power cal. | Niemann | AGMA | BS | Internal Gear | |
| Additional cooling | | No | Water | Worm | |
| | | Lubricant | | Worm wheel | |
| Kinds | | GREASE | | Casing | |
| Quantity | | 0.5 | | GC200 | |
| Viscosity | | EP GREASE R00 | | Shaft(L.S) | |
| Method | | Oil bath | | SM45C | |
| Max. oil temp. | | 120 | | Symbol | HC:Carburizing HF:High Frequency |
| DIRECTION OF REV.(View from shaft side) | | | | | HN:Nitriding QT:Quenching-Tempering |

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|----------------------|--|----|-----|------------------------|--|
| High speed shaft | | CW | CCW | APPENDED DRAWINGS | |
| Low speed shaft | | CW | CCW | Outline dwg. No. | |
| Arrangement of shaft | | | | Sectional dwg No. | |
| | | | | Painting (Munsell No.) | |

| ACCESSORIES | | | | WEIGHT (APPROX.) | |
|-------------|--|--|--|------------------|-------|
| | | | | Driver | kg |
| | | | | Gear Reducer | kg |
| | | | | Others | kg |
| | | | | Total | 36 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. : | | | | |

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