

SPECIFICATION OF GEAR REDUCER

| Document No. | | | | |
|--------------|------------|--|--|--|
| RS No. | 01000-2400 | | | |
| Project No. | | | | |
| Designer | Choi. D.J | | | |

| CUSTOMER | | ITEM No. | | | | | |
|--|---|--------------------------|---------------------------|-------|------------------------|--------|--|
| MODEL RPH 3HP | 4P 1/120 | | (| | | | |
| | | | | | | | |
| DRIVEN MACHIN | E | | DRIVER | | | | |
| Application | | Kinds | E.N | lotor | Engine | Others | |
| No. of rev. (NORMINAI | of rev. (NORMINAL) 14.3 RPM | | 3 | | KW | HP | |
| Installation Indoor | Outdoor | Туре | TEFC | | Poles | 4 | |
| Impact load Uniform M | edium Heavy | Phase | Single | 3 | Ins. class | F | |
| Ambient temp. MAX. | 40 | Cycle | 60HZ | | Voltage | | |
| Peak torque | kg m | Speed | Speed 1720 rpm | | | rpm | |
| Operating time | hour per day | а <u>у</u> | | | | | |
| Load peak per hour belo | w5 5~10 | over 10 | | | | | |
| SPECIFICATION OF REDUCER | | | | | | | |
| Nominal Ratio | 1/120 | _ | MATERIAL & HEAT TREATMENT | | | | |
| Service factor | | Pinion | | S | CM415 | HC | |
| Power cal. Niemann | AGMA BS | Gear SCM415 HC | | | | | |
| Additional cooling No | Water Fan | Internal Gear | | | | | |
| Lubricant | | Worm | | | | | |
| OIL GF | REASE | Worm whe | Worm wheel | | | | |
| Quantity 1 | .8 KG | Casing GC200 | | | | | |
| Viscosity EP GRE | ASE R00 | Shaft(L.S) | Shaft(L.S) SM45C | | | | |
| Method Oil bath | Forced | Symbol HC:Carburiz | | | ng HF:High Frequency | | |
| Max. oil temp. | 120 | | | | QT:Quenching-Tempering | | |
| DIRECTION OF REV. (View fro | m shaft side) | APPENDED DRAWINGS | | | | | |
| High speed shaft C | V CCW | Outline dwg. No. GKEN275 | | | | | |
| Low speed shaft CV | V CCW | Sectional dwg No. | | | | | |
| Arrangement of shaft | | Painting (| Munsell No. |) | 7.5 | 3G 5/2 | |
| ACCESSARIES | | WEIGHT (APPROX.) | | | | | |
| | | Driver | | | | kg | |
| | | Gear Reducer kg | | kg | | | |
| | | Others kg | | kg | | | |
| | | Total | | | 102 | kg | |
| Except details specified on this DATA SHEET, all subjects including test | | | | | | | |
| REMARKS shall be | REMARKS shall be performed in accordance with MAKER STANDARD. | | | | | | |
| *** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. : | | | | | | | |