

## SPECIFICATION OF GEAR REDUCER

| Document No. |           |  |  |  |  |
|--------------|-----------|--|--|--|--|
| RS No.       | 01000-080 |  |  |  |  |
| Project No.  |           |  |  |  |  |
| Designer     | Choi. D.J |  |  |  |  |

|  | ITEM No.   |   |  |  |   |  |
|--|--|---|--|--|---|--|
| 5  | QUANTITY   |   |  |  |   |  |
|  |  |   |  |  |   |  |
|  | DRIVER   |   |  |  |   |  |
|  | Kinds  | E.N   | lotor  | Engine   | Others  |  |
|  | Power  | 1   |  | KW   | HP  |  |
| oor  | Туре   | TEFC  |  | Poles  | 6   |  |
| Heavy  | Phase  | Single  | 3  | Ins. class   | F   |  |
|  | Cycle  | 60HZ  |  | Voltage  |   |  |
| m  | Speed 1120 rpm   |   |  | rpm  |   |  |
| er day   |  |   |  |  |   |  |
| 5~10   | over 10  |   |  |  |   |  |
| SPECIFICATION OF REDUCER   |  |   |  |  |   |  |
|  | MATERIAL & HEAT TREATMENT  |   |  |  |   |  |
|  | Pinion   |   | S  | CM415  | HC  |  |
| BS   | Gear SCM415 HC   |   |  |  |   |  |
| Fan  | Internal Gear  |   |  |  |   |  |
|  | Worm   |   |  |  |   |  |
|  | Worm wheel   |   |  |  |   |  |
| 3  | Casing GC200   |   |  |  |   |  |
| 0  | Shaft(L.S) SM45C   |   |  |  |   |  |
| ced  | Symbol   | HC:Carburizing HF:High Frequency  |  |  |   |  |
|  | Symbol   | HN:Nitridi  | HN:Nitriding QT:Quenching-Tempering  |  |   |  |
| side)  | APPENDED DRAWINGS  |   |  |  |   |  |
| CW   | Outline dwg. No. GKEN245   |   |  |  |   |  |
| CW   | Sectional dwg No.  |   |  |  |   |  |
|  | Painting (Munsell No.) 7.5BG 5/2   |   |  |  |   |  |
|  | WEIGHT (APPROX.)   |   |  |  |   |  |
|  | Driver   |   |  |  | kg  |  |
|  | Gear Reducer kg  |   |  |  |   |  |
|  | Others kg  |   | kg   |  |   |  |
|  | Total  |   |  | 45   | kg  |  |
| Except details specified on this DATA SHEET, all subjects including test |  |   |  |  |   |  |
| REMARKS shall be performed in accordance with MAKER STANDARD.            |  |   |  |  |   |  |
| *** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :                |  |   |  |  |   |  |
|  | m<br>per day<br>5~10<br>ECIFICAT<br>BS<br>Fan<br>S<br>Ced<br>side)<br>CCW<br>CCW | -5 QUANTIT   Kinds Kinds   RPM Power   loor Type   Heavy Phase   Cycle Cycle   Im Speed   ber day Speed   5~10 over 10   ECIFICATION OF RE Pinion   BS Gear   Fan Internal G   Worm Worm   Shaft(L.S Symbol   Side) Staft(L.S   CCW Outline dw   CCW Outline dw   CCW Sectional   Painting ( Driver   Gear Red Others   Total Total | -5 QUANTITY   Kinds E.M   RPM Power 1   loor Type TEFC   Heavy Phase Single   Cycle 60HZ   m Speed   per day 5~10   5~10 over 10   ECIFICATION OF REDUCER   Pinion BS   Gear MATERIAL   Pinion BS   Gear Worm   Worm Worm   Worm wheel S   South (L.S) Ccasing   O Shaft(L.S)   ced Symbol HC:Cark   HN:Nitridi APPEI   Side) APPEI   CCW Outline dwg. No.   CCW Sectional dwg No.   Painting (Munsell No. Painting   Driver Gear Reducer   Others Total   specified on this DATA SHEET, and and accordance with MAKER | 5 QUANTITY   Image: Single Si | 5 QUANTITY   Kinds E.Motor Engine   RPM Power 1 KW   loor Type TEFC Poles   Heavy Phase Single 3 Ins. class   Cycle 60HZ Voltage   per day 5~10 over 10 Voltage   ECIFICATION OF REDUCER MATERIAL & HEAT TREATM   Pinion SCM415   BS Gear SCM415   Fan Internal Gear Worm   Worm Worm Units   Sced Symbol HC:Carburizing HF:High   Gide) APPENDED DRAWINGS GCW GK   ScW Outline dwg. No. GK GK   ScW Sectional dwg No. GK Gear Reducer   Others Total 45 Gear Reducer Ats |  |