# REDUCER DATA SHEET

LPR Global

| SYM | DESCRIPTION | DATE | PRED | CHKD | APPD |
|---|---|---|---|---|---|
| △ | | | | | |
| △ | | | | | |
| △ | ORIGINAL | | | | |

| DOC. NO. | | REV | | MFG. NO. | | CUSTOMER | |
|---|---|---|---|---|---|---|---|
| PROJECT NAME | | | | | | QUANTITY | |
| EQUIPMENT | | | | | | ITEM NO. | - |

## OPERATING CONDITION

PLACE OF INSTALLATION □ ■

LOCATION - A □ INDOOR □ OUTDOOR

LOCATION - B □ SMALL CONFINED SPACES

□ LARGE HALL, WORKSHOPS

□ IN THE OPEN

MOUNTING □ HORIZONTAL □ VERTICAL □ NO FEET

ALTITUDE LESS THAN 1,000 METER

HUMIDITY LESS THAN 85 %

DUST □ YES □ NO

AMBIENT TEMPERATURE MAX. 40°C

PRIME MOVER

KIND □ MOTOR □ TURBINES

□ PISTON ENGINES 4-6 CYLINDERS

□ PISTON ENGINES 1-3 CYLINDERS

TYPE □ AC □ DC POWER HP

POLES P CYCLE □ 60Hz □ 50Hz

PHASE □ SINGLE □ 3 VOLTAGE V

REVOLUTION RPM

OPERATING TIME HOURS PER DAY

IMPACT LOAD □ UNIFORM □ MEDIUM □ HEAVY

LOAD PEAK PER HOUR □ BELOW 5 □ 5~10

□ OVER 10

OVER LOAD 150 %

SHAFT CONNECTION

INPUT SHAFT □ COUPLING □ V-BELT □ CHAIN

□ GEAR □ F-BELT □ OTHER

OUTPUT SHAFT □ COUPLING □ V-BELT □ CHAIN

□ GEAR □ F-BELT □ OTHER

## ACCESSORIES

## SPECIFICATION OF REDUCER

TYPE □ PARALLEL □ RIGHT ANGLE

FRAME

TRANSMITTED POWER KW

REVOLUTION INPUT RPM

OUTPUT RPM

GEAR RATIO

SERVICE FACTOR MIN.

BEARING LIFE MIN. 40,000 HOURS

NOISE (1M FROM MACHINE SIDE) MAX. 80dB-A

GEAR CALCULATION CODE □ AGMA □ JGMA □ BS

ADDITIONAL COOLING □ NO □ WATER □ FAN

LUBRICANT □ OIL □ GREASE

METHOD □ OIL BATH □ FORCED

VISCOSITY □ VG 220 □ VG 320

QUANTITY APPROX. L

MAX. OIL TEMPERATURE 90°C

DIRECTION OF REVOLUTION

INPUT SHAFT □ C.W □ C.C.W

OUTPUT SHAFT □ C.W □ C.C.W

MATERIAL & HEAT TREATMENT

PINION

GEAR

SHAFT

CASE

GEAR SPECIFICATION

KIND □ SINGLE HELICAL □ SPIRAL BEVEL

PRESSURE ANGLE □ 20° □ 25°

ACCURACY □ CLASS □ CLASS

BEARING

$GD^2$ $Kgf.m^2$ (REDUCED TO INPUT SHAFT)

WEIGHT APPROX. Kg

PAINTING COLOR (MUNSELL NO.)

## SPARE PARTS

## APPENDED DRAWING & SHEET

NOTE