

2. SPECIFICATION

2-1. Fine Pulverizer Model FP-7

Material of construction : Carbon steel
 Material for gasket : Black chloroprene rubber
 Painting : Internal surface --- rust preventing paint
 : Exterior surface --- white epoxy

a) Pulverizing section

Rotor dimension : 1,650 mm diameter x 2,046 mm long
 Peripheral speed : 77 m/sec
 Rotor speed : 900 R/M
 Hammer : 'T' shaped type with hard facing
 240 pcs.
 Rotor GD² : 5,600 kgm²
 Bearings : No.22332MC3 2 sets
 Lubrication method : Oil bath type
 Type of lubricant : Shell Tellus oil 56 or equivalent
 Quantity of lubricant : Approx. 3 l x 2
 Housing liner : High tension steel 6 mm thick
 Drive coupling : Model GC-SSMH-315 by Osaka chain & Machinery Ltd.
 •Lubrication method : Grease type Approx. 1,000 g
 •Type of grease : Shell Alvania EP No.1
 Motor *600 Hp* : 450 KW 8 P 2,300 V 60 Hz
 (supplied by other)

b) Classifying section

Rotor speed (Max) : 180 R/M
 Rotor speed (Normal) : 40 to 160 R/M
 Material for blades : High tension steel
 Bearing : Upper section NU324 1 set
 : Lower section (30326 x 2) 1 set
 Lubrication method : Grease type
 Type of lubricant : Shell Alvania grease No.2
 Worm gear reducer : Model MHVW-200-LU 1/10 by Mitsubishi Heavy Ind. Ltd.

a) Gear section

•Lubrication method : Oil batch
 •Quantity of oil : Approx. 20 l
 •Viscosity of oil : 190 - 150 cst/50°C
 •Type of oil : Shell Omala 320

b) Bearing section

•Lubrication method : Grease packed in all bearings
 •Type of grease : Shell Alvania 2

Chain coupling : Model CR8018J by Tsubakimoto Chain Co.

•Lubrication method : Grease type
 •Quantity of grease : Approx. 800 g
 •Type of grease : Shell Alvania EP No.1