

EIFCO



GEAR HOBGING MACHINE

HM - 6

SPECIFICATIONS

(All dimensions are in mm)

| MODEL | HM 6 |
|--|---|
| CAPACITY | Max Hob shift (Manual) : 40 |
| Max. Module : 6 | WORK TABLE |
| Max .dia of gear (mm) : 700 | Diameter (mm) : 560 |
| Min. Number of teeth : 6 | Bore (mm) : 80 |
| HOB SADDLE | WORK ARBOR |
| Max.Travel (mm) : 290 | Mounting Taper : MT 5 |
| Max for 15° Helix angle (mm) : 150 | Max. Length of Job |
| Max for 30° Helix angle (mm) : 150 | Over the work arbor housing (mm) : 490 |
| Max for 45° Helix angle (mm) : 110 | Through the Table Bore (mm) : 1000 |
| HOB HEAD | SPEEDS AND FEEDS |
| Setting for Helical gears : $\pm 45^\circ$ | Number of Hob spindle speeds : 8 |
| HOB ARBOR | Range of spindle speeds (rpm) : 34 to 213 |
| Diameter (mm) : 27 | Number of vertical Feeds : 11 |
| Mounting Taper : MT 4 | Range (Per rev.of table) : 0.5 to 3 |
| Centre distance between Hob Arbor and work Arbor. Min/Max : 50 / 370 | POWER |
| Distance between Table surface to Centre of Hob Arbor Min/Max : 160 / 450 | Main drive motor : 2.2 kW |
| HOB CUTTER SIZE | Rapid traverse motor : 0.75 kW |
| Max. Diameter : 120 | Coolant Motor : 0.09 kW |
| Max. Length : 127 | Net Weight : 3000 Kg |
| STANDARD ACCESSORIES | |
| 1) Set of Change Gears (Feed/Differential/Index) | 4) Hob Arbor |
| 2) Work Supports | 5) Coolant Pump |
| 3) Work Arbor | 6) Machine lamp 24V |
| OPTIONAL ACCESSORIES | |
| 1) Tangential feed attachment | |
| 2) Hydraulically operated tail stock | |
| 3) Centralised lubrication system | |
| MAIN FEATURES : | |
| ❑ Sturdy Design | |
| ❑ Smooth Operation | |
| ❑ Precision Workmanship | |
| Note : In view of continuous development, we reserve the right to change the designs and/or dimensions without notice. | |



Manufactured by

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