

F7/ 80 / * / * / * / *

Toolholder

- 01 = ER 16 DIN6499
- 02 = DIN 55058 Ø16 mm
- 03 = Jacobs 6
- 04 = ER 16 Angular contact bearing

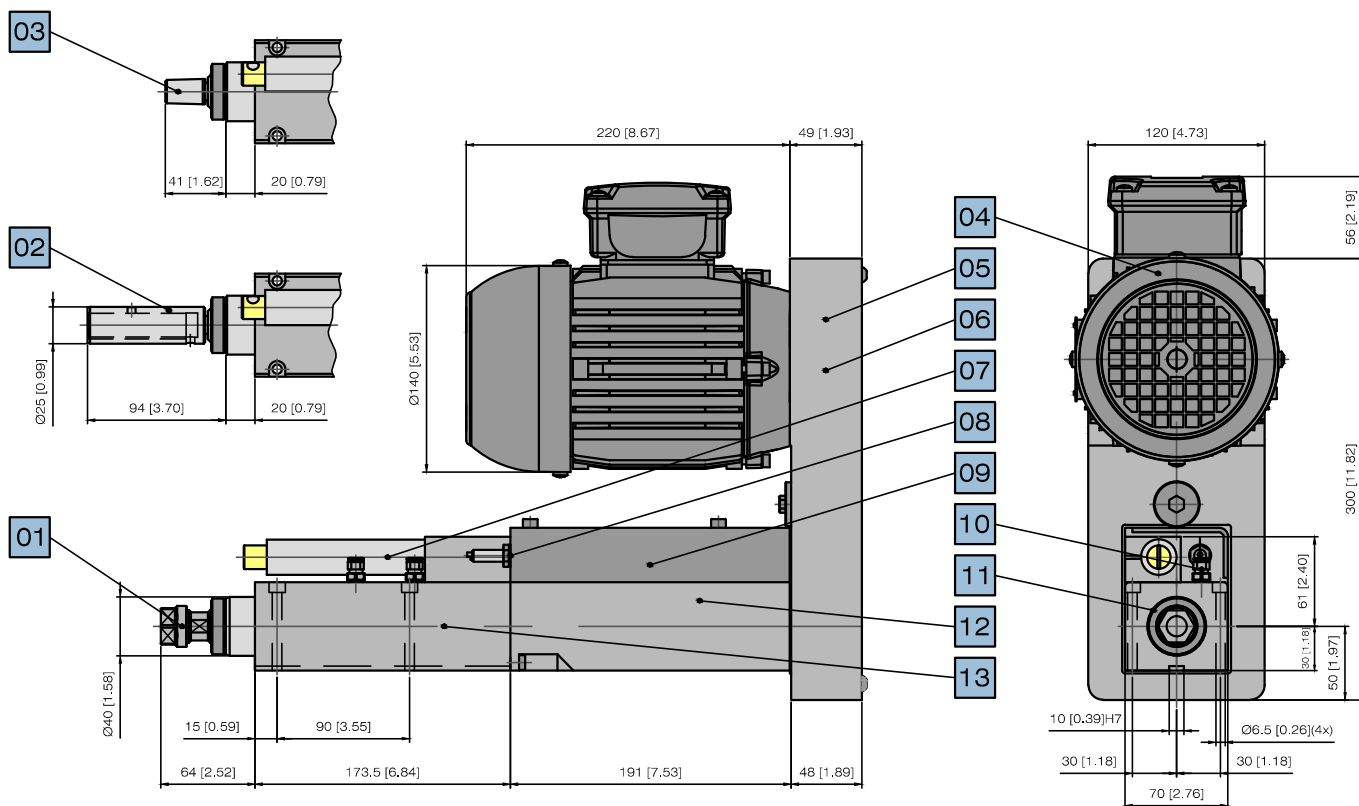
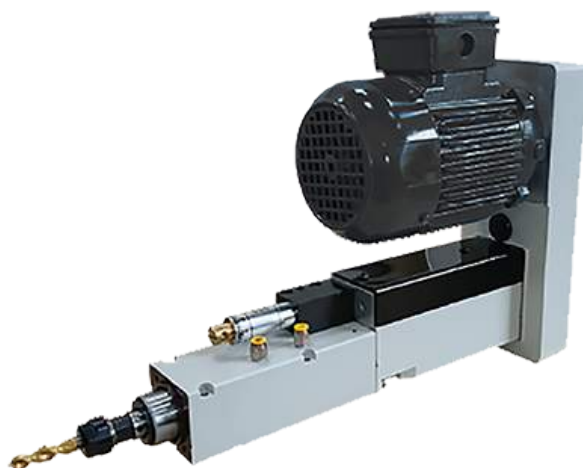
Motor

- 01 = 0.75 kw , 2 poles , size 71
- 02 = 0.55 kw , 4 poles , size 71

RPM - 60Hz

2 Poles	4 Poles
- 1400	- 680
- 1600	- 800
- 1800	- 900
- 2000	- 1000
- 2500	- 1200
- 2850	- 1400
- 3450	- 1700
- 4100	- 2000
- 4800	- 2400
- 6000	- 3000
- 6400	- 3200
- 7400	- 3700
- 8600	- 4300

Hydraulic brake Cylinder
25 mm
50 mm



Automatic drilling unit F7/80

Three tool holder options:

- ER16 DIN 6499, Jacobs 6, DIN 55058 Ø16mm.
- Multispindle heads can be attached to the quill Ø 40mm.

- The unit is equipped with a three phase electric motor and have an integrated pneumatic feed.

The controlled feed is made by a hydraulic brake cylinder.

- Direct mounting with 8mm keyway for positioning. Vertical or angular positioning is possible using the universal support SU-74

- More safety - All moving parts are protected
Options: multispindle heads, peck feed for deep hole drilling.

(Dimensions between brackets in inches)

TECHNICAL DATA	
Model	F7 / 80
Drilling capacity	Ø 9 / 32" (7 mm)
Concentricity	0.01 mm
Total stroke	3.15" (80 mm)
Feed stroke	1" - 2" (25 - 50 mm)
Working pressure	90 - 100 PSI
Thrust	735 N a 90 PSI
RPM range	680 - 8600 RPM
Motor voltage	220 / 380 / 440 V
Motor power	0,55 kw à 0,75 kw
Weight	16 Kg

FEATURES	
01	ER16 Collet - Capacity 1 to 10mm
02	Toolholder DIN55058 Ø16mm
03	Jacobs 6
04	Three phase motor
05	Poly-V Belt and Pulleys
06	Orientable transmission - 4 x 90°
07	Hydraulic brake cylinder
08	Front and Rear limit inductive sensors
09	Mechanical stop for total stroke
10	Push-on air connection Ø6mm
11	Hard chrome plated quill
12	Aluminum body / quill guide
13	Cast iron body / quill guide

Drillmaster reserves the right to modify characteristics without notice