

F14/ 100 / * / * / * / *

Toolholder

- 01 = ER25 DIN6499
- 02 = DIN 55058 Ø20 mm
- 03 = Jacobs 6
- 04 = ER 25 Angular contact bearing

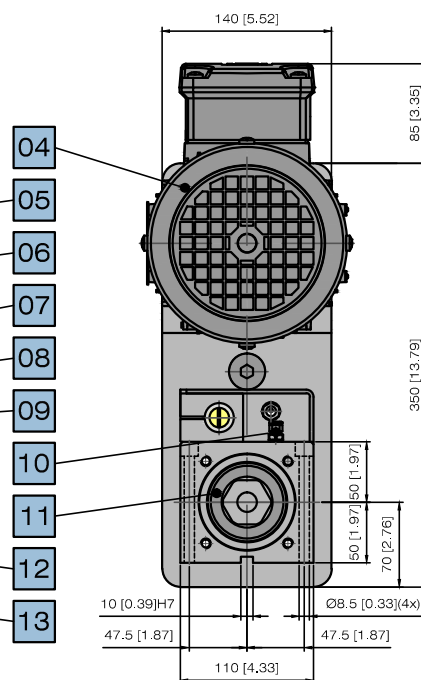
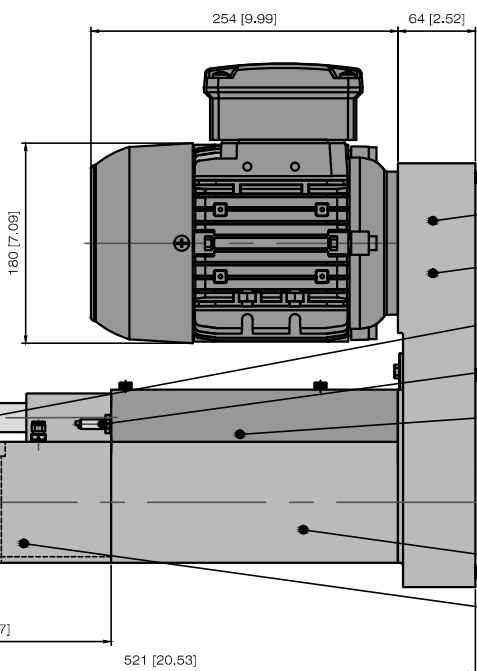
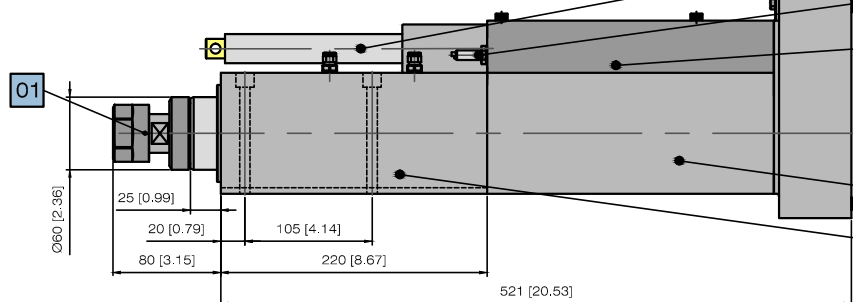
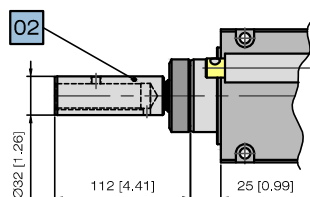
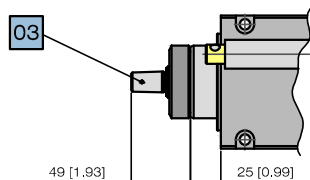
Motor

- 01 = 2,2 kW, 2 poles, size 90
- 02 = 1,5 kW, 4 poles, size 90
- 03 = 1,1 kW, 6 poles, size 90

RPM - 60Hz		
2 Poles	4 Poles	6 Poles
- 1500	- 750	- 500
- 1700	- 850	- 600
- 2100	- 1000	- 700
- 2400	- 1200	- 800
- 2900	- 1500	- 900
- 3400	- 1700	- 1100
- 4000	- 2000	- 1300
- 4700	- 2400	- 1600
- 5400	- 2700	- 1800
- 6800	- 3400	- 2200
- 7600	- 3800	- 2500
- 8500	- 4300	- 2800

Hydraulic brake Cylinder

- 25 mm
- 50 mm
- 75 mm



Automatic drilling unit F14/100

three tool holder options:

- ER25 DIN 6499, Jacobs 6, DIN 55058 ø20 mm.

- Multispindle heads can be attached to the quill ø 60 mm.

- 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 10 mm keyway for positioning. Vertical or angular positioning is possible using the universal support SU-92

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

(Dimensions between brackets in inches)

TECHNICAL DATA	
Model	F14 / 100
Drilling capacity	Ø 9 / 16" (14 mm)
Concentricity	0.01 mm
Total stroke	3.94" (100 mm)
Feed stroke	1" - 2" - 3" (25 - 50 - 75 mm)
Working pressure	90 - 100 PSI
Thrust	1800 N at 90 PSI
RPM range	500 - 8500 RPM
Motor voltage	220 / 380 / 440 V
Motor power	1,1 kW at 2,2 kW
Weight	50 Kg

FEATURES	
01	ER25 Collet - Capacity 1 to 16 mm
02	Toolholder DIN 55058 ø20 mm
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-in air connection Ø8 mm
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.