# 볼베어링 스핀들 ball bearing spindles

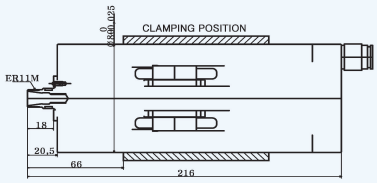
milling, drilling, grinding

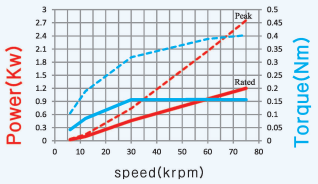
tapping, engraving, routing

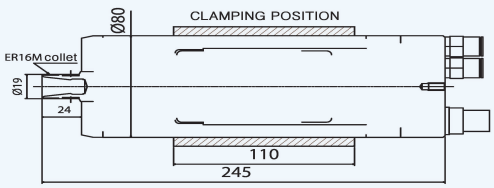
※ 고객님 주문에 따라 스핀들을 제공해드리고 있습니다.
※ We are supplying the customizing spindle to the customer.

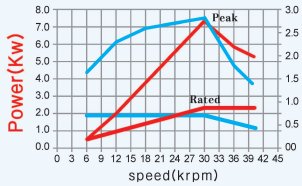
**A** SW80-7512-E11O **B** SW80-4033-E16 **C** SW80-4033-H25E **D** SW80-7555-H25EO

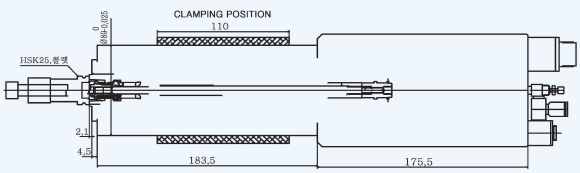
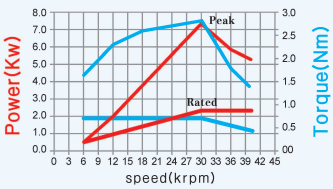
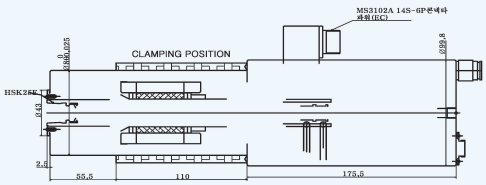
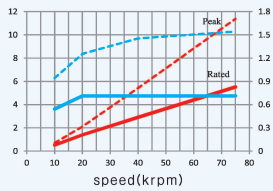
| | A | B | C | D |
|---|---|---|---|---|
| Housing diameter(∅) | 80 | 80 | 80 | 80 |
| Housing material | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Power(S1)kw | 1.2 | 3.3 | 3.3 | 5.5 |
| Speed(rpm) | 75,000 | 40,000 | 40,000 | 75,000 |
| Frequency(Hz) | 1,250 | 1,334 | 1,334 | 2,500 |
| Torque(Nm) | 0.2 | 1.1 | 1.1 | 0.7 |
| Current(A) | 12 | 13.1 | 13.1 | 12 |
| Motor poles | 2 | 4 | 4 | 4 |
| Tool change | manual | manual | auto | auto |
| Tool interface | ER11 | ER16 | HSK E25 | HSK E25 |
| Tool clamping force(nmax) | | | 2,800 | 2,800 |
| option | oil-mist system | × | × | oil-mist system |
| Cooling system | water / oil | water / oil | water / oil | water / oil |
| Bearing lubrication | oil-mist | grease | grease | oil-mist |
| Weight(kg) | 6.5 | 6.5 | 10 | 10 |




A B

C D