



HAGEN & GOEBEL

Werkzeugmaschinen GmbH

Unit - Sample HG – 827

Boring - Unit Type BF6 – H480/me/xxx-EE



Spindle unit type BF 6

Motor:	3 phases norm motor 400Volt / 50Hz, P= 15,0 - 30,0 KW or NC-servo motor up to P= 50,0 KW (at 40% cycle time)
Spindle bearing:	taper roller bearing (max. 1130rpm) or high precision spindle bearing, i.D. Ø 130 mm (front bearings)
Protection:	Labyrinth collar
Spindle nose:	SK 50 similar DIN 2079 with drawbar or HSK-C size 100 and inner coolant system, other noses after request possible
Motor fixture:	in Z – or U – fixture
Belt system:	teeth power belt, exchangeable
Ratio:	between $i =$ up to 2,0 : 1 into slower or faster speed (other ratio possible)
Gearbox:	ratio into slower speed 1:2,5 or 1:4,33
Mounting pos.:	horizontal or vertical spindle nose to floor

fixed on

Slideway unit type H480/mech/xxx – EE

Force system:	by ballscrew and NC-controlled motor
Axial force:	at about 20.000 N (depend on motor)
Stroke:	max. 200, 400, 600, ..mm
in fast traverse:	10-15 $\frac{m}{min}$, max. 25 $\frac{m}{min}$
Slideway system:	square guide system, adjustable, steel hardened and grinded
Reverse surface:	Turcite rubbing surface
Slideway protection:	front area protected by telescopic cover, backside protection by sliding cover
Slideway lubrication:	Modification for automatic slideway lubrication (pipes and lines)
Electrical switch:	limit switch, two or three positions (front, rear, reference point)

other specifications possible

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