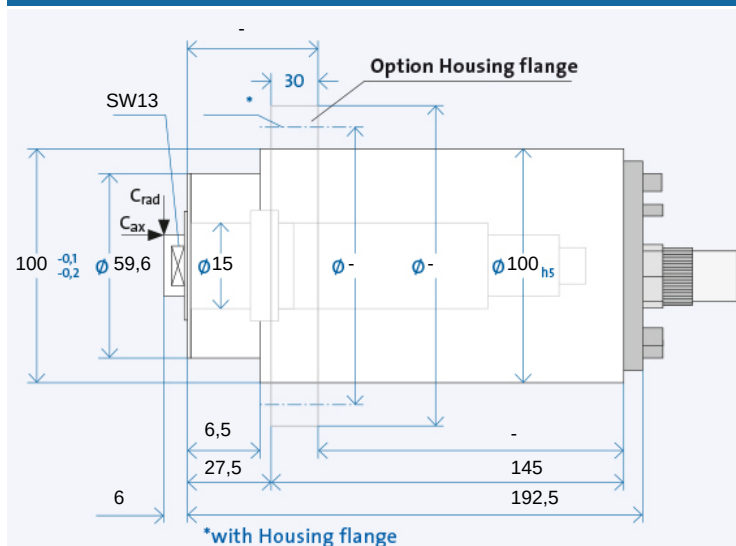


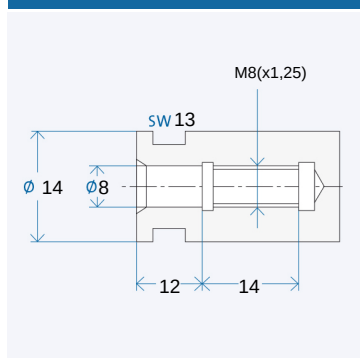
HSX 100 - 105000/2



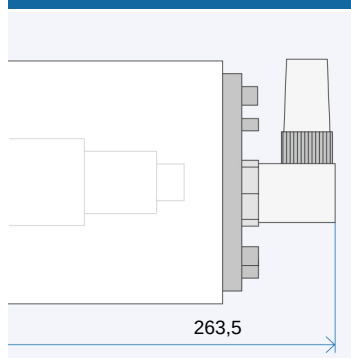
TECHNICAL DATA



FIT HOLES WITH FLAT LAYOUT



ANGLED PLUG OPTION



The data currently provided on the internet apply. Further and detailed information is provided in the GMN 2508 catalogue.

Technical data

Ø Spindle housing	A	[mm]
Speed max.	$n_{\max}$	[min ⁻¹]
Bearing; front	W ₁	[mm]
Tool interface		
Ø Flat layout	W	[mm]
Static rigidity		
axial	C _{ax}	[N/μm]
radial	C _{rad}	[N/μm]
Motor realization		
Frequency max.	f _{max}	[Hz]
Converter voltage ¹⁾		[V]
Power	P _{S1}	[kW]
Torque	M _{S1}	[Nm]
... at speed	n	[min ⁻¹]
Current	I _{S1}	[A]
Power	P _{S6-60%}	[kW]
Torque	M _{S6-60%}	[Nm]
... at speed	n	[min ⁻¹]
Current	I _{S6-60%}	[A]

Electrical connection

Plug type	
Straight plug connection	
Coil plug connector	
Fixed cable XXm	

Coolant feed through the shaft

Low pressure (du)	
High-pressure (dh)	

Sensors

Rotary encoder	
Speed sensor	

Housing

Cylindrical housing	
Cylindrical housing with flange	
Block housing	
Air-tight seal	

¹⁾ Minimum required starting voltage for the frequency converter.

+ Standard
o Optional
x Upon request

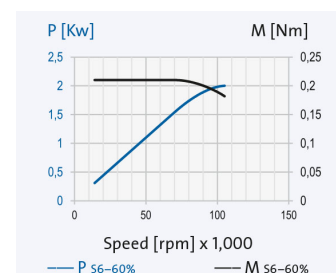
Ordering information:

HSX 100 - 105000/2
R is for clockwise, L for counter-clockwise
+ Desired options

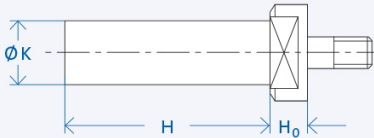
HSX 100 - 105000/2

100		
105000		
15		
D 08/14		
14		
26		
29		
200 V	350 V	-
1750		
200	350	-
1,7		
0,155		
105000		
8,8	5	-
2		
0,182		
105000		
11	6,5	-

GA	GA	-
+	+	-
o	o	-
o	o	-
Coolant feed through the shaft		
Low pressure (du)	o	
High-pressure (dh)	-	
Sensors		
Rotary encoder	-	
Speed sensor	+	
Housing		
Cylindrical housing	+	
Cylindrical housing with flange	o	
Block housing	x	
Air-tight seal	o	



HSX 100 - 105000/2



No processing is permissible in area H_0

Semi-finished goods

GMN semi-finished products allow the individual adaptation of the tool interface for any connections.

d_1	K [mm]	H [mm]
D 08/14	14	70

Ordering information: »Semi-finished goods« [Shaft Ø K] x [Shaft length H] [Interface]

Example: Semi-finished goods 34 x 180 D16/33



Lubrication system

The electronically controlled PRELUB lubrication unit is optimally adapted to the oil-air lubricated GMN spindles and guarantees a long service life.



Cooling system

GMN cooling units ensure precisely adjustable temperature and quantity delivery of the coolant and achieve consistently low operating temperatures.



Cable and plug

Ready-made cables with B048, B049, GA, MAC, D500 and STK plugs are available on request. For the spindle/converter connection, GMN supplies UL/CSA approved electrical cables suitable for use in drag chains.