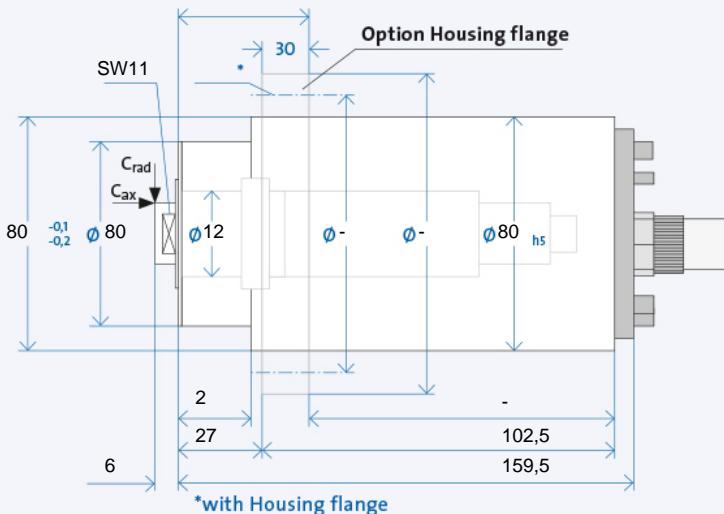


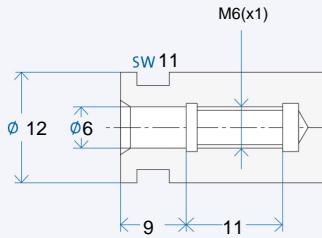
HS 80 - 120000/1.1



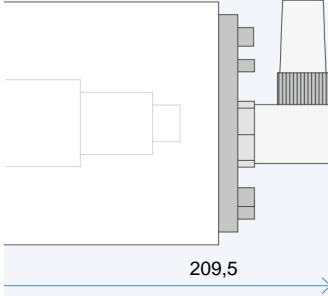
TECHNICAL DATA



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]

HS 80 - 120000/1.1		
	80	
	120000	
	12	
D 06/12		
	12	
	11	
	21	
200 V	-	-
	2000	
200	-	-
	0,95	
	0,0756	
	120000	
5,4	-	-
	1,1	
	0,0875	
	120000	
6,5	-	-

Electrical connection		
Plug type	GA	-
Straight plug connection	+	-
Coil plug connector	x	-
Fixed cable XXm	o	-
Coolant feed through the shaft		
Low pressure (du)		
High-pressure (dh)		
Sensors		
Rotary encoder	-	
Speed sensor	-	
Housing		
Cylindrical housing	+	
Cylindrical housing with flange	x	
Block housing	x	
Air-tight seal	x	

¹⁾ Minimum required starting voltage for the frequency converter.

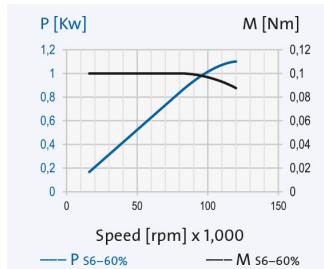
- + Standard
- o Optional
- x Upon request

Ordering information:

HS 80 - 120000/1.1

R is for clockwise, L for counter-clockwise

+ Desired options



HS 80 - 120000/1.1



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.