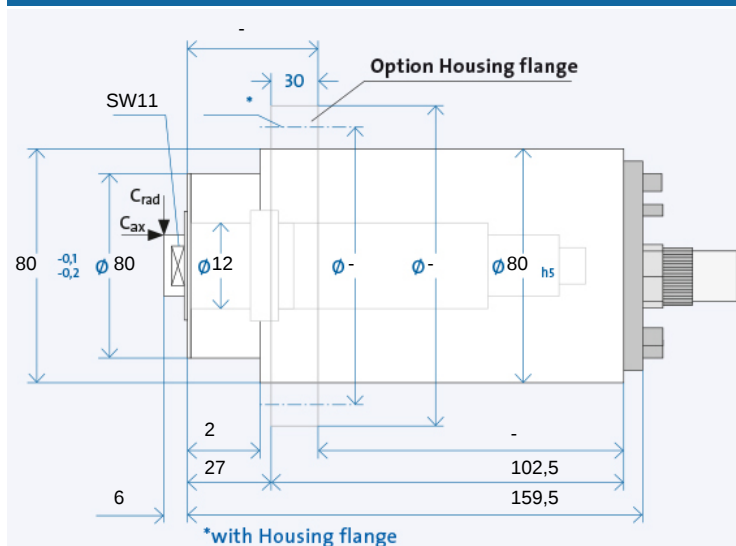


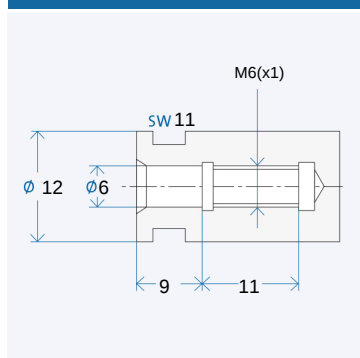
HS 80 - 120000/1.1



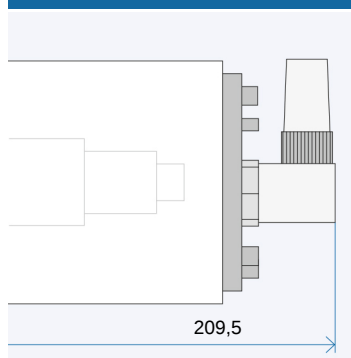
TECHNICAL DATA



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]

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:

HS 80 - 120000/1.1
R is for clockwise, L for counter-clockwise
+ Desired options

HS 80 - 120000/1.1

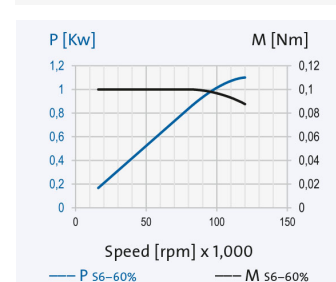
80		
120000		
12		
D 06/12		
12		
11		
21		
200 V	-	-
2000		
200	-	-
0,95		
0,0756		
120000		
5,4	-	-
1,1		
0,0875		
120000		
6,5	-	-

GA	-	-
+	-	-
x	-	-
o	-	-

0
-

-
-

+
x
x
x



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.