

HS 80 - 180000/0.4



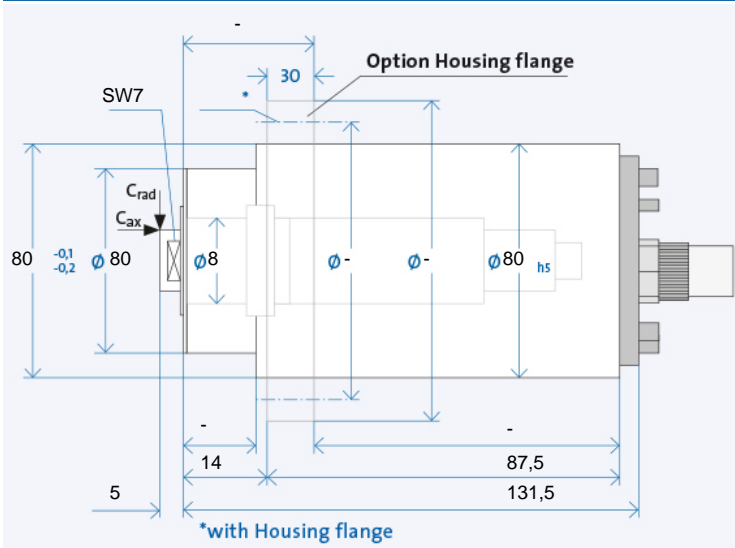
Technical data

∅ Spindle housing	A	[mm]
Speed max.	n_{max}	[min^{-1}]
Bearing; front	W_1	[mm]
Tool interface		
∅ 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]

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80		
180000		
8		
D 04/08		
8		
8		
15		
200 V	-	-
3000		
200	-	-
0,35		
0,0186		
180000		
1,8	-	-
0,4		
0,0212		
180000		
2	-	-

TECHNICAL DATA



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	

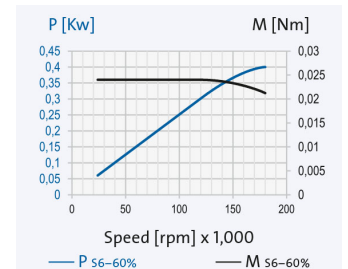
¹⁾ Minimum required starting voltage for the frequency converter.

+ Standard
o Optional
x Upon request

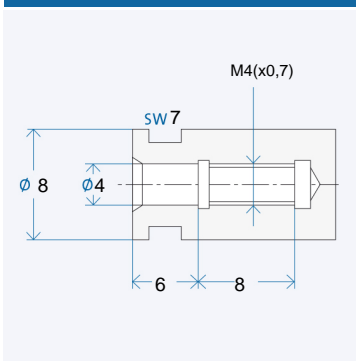
Ordering information:

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R is for clockwise, L for counter-clockwise
+ Desired options

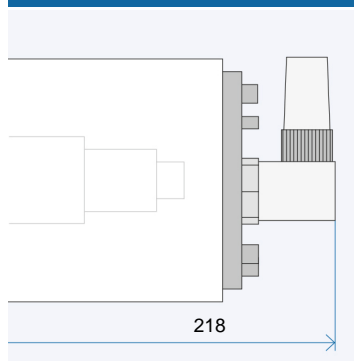
GA	-	-
+	-	-
x	-	-
o	-	-
Coolant feed through the shaft		
Low pressure (du)	-	-
High-pressure (dh)	-	-
Sensors		
Rotary encoder	-	-
Speed sensor	-	-
Housing		
Cylindrical housing	+	
Cylindrical housing with flange	x	
Block housing	x	
Air-tight seal	x	



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.

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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.