Introduction
Notes

Overview of types/Gear unit designation

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■ Overview

Types

Helical gear units
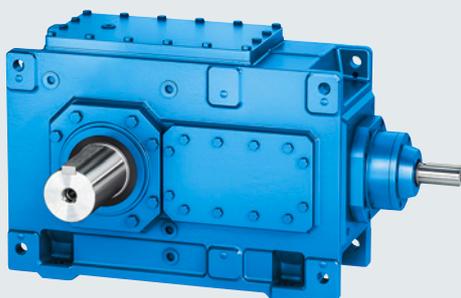
Types H1..., H2..., H3..., H4...

1- ... 4-stage, i_N = 1.25 ... 450

Bevel helical gear units

Types B2..., B3..., B4...

2- ... 4-stage, i_N = 5.6 ... 400

Structure of gear unit designation

Type		B	3	S	H	1	1
Type	Helical gear units	H					
	Bevel helical gear units	B					
No. of stages	1		1				
	2		2				
	3		3				
	4		4				
Design of the low speed shaft	Solid shaft with parallel key acc. to DIN 6885/1			S			
	Solid shaft with parallel key acc. to DIN 6885/1 with reinforced spigot			V			
	Solid shaft without parallel key			C			
	Hollow shaft with keyway acc. to DIN 6885/1			H			
	Hollow shaft with shrink disk			D			
	Hollow shaft with spline acc. to DIN 5480			K			
	Flanged shaft			F			
Mounting position	Horizontal				H		
	Vertical				V		
	Upright, low speed shaft (LSS) bottom [*]				H		
	Upright, low speed shaft (LSS) top [*]				H		
Gear unit size	3					0	3
	4					0	4
	5					0	5
	...						
	...						
	...						
	27					2	7
	28					2	8

Further details required in orders
- Ratio i
- Design of the shafts A, B, C, D, etc.

Example B3SH11A16
- 3-stage bevel helical gear unit
- Output in solid shaft design
- Horizontal mounting position
- Size 11
- Version A
- Ratio i = 16

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[*] Describe in the free text with "high speed shaft over low speed shaft" or "low speed shaft over high speed shaft" (observe oil supply and heat generation)