

Ordering code

Gearbox*

N P R	0 2 5 S	-	M F 1	-	5		0 E 1	/ motor**
Product type	Size		Characteristic		Ratio*		Clamping hub diameter*	
NP	005 - 045		S = Standard					
NPL / NPS / NPR	015 - 045		R = Flange with slotted holes					
NPK	005 - 045							
NPLK / NPSK / NPRK	015 - 045							
NVS	040 - 063							
			No. of stages					
			1 = 1-stage					
			2 = 2-stage					
			Backlash					
			1 = Standard					
			Gearbox model					
			F = Standard					
			A = HIGH TORQUE					
			(not available for NP 005 and NVS)					
			Output type					
			1 = Keyed shaft					
			2 = Splined shaft (DIN 5480)					
			(not available for NP)					

M Components with a gray font cannot be selected

* Further information about the gearboxes is available in the respective catalogs, at www.wittenstein-alpha.com or on request

** Full motor designation only required to determine gearbox mounting parts

Rack

Z S T	2 0 0	-	2 2 1	-	1 0 0 0	-	R 1	_
Type	Module		Feed force		Length [mm]		Flank direction	Helix angle
ZST = Rack	150 = 1.5 mm		4 = Level 4					19.5283°
	200 = 2 mm		3 = Level 3					
	300 = 3 mm		2 = Level 2					
	400 = 4 mm		1 = Level 1					
			Positioning accuracy					hole pattern
			4 = Level 4					_ = 125 mm
			3 = Level 3					
			2 = Level 2					
			1 = Level 1					
			Smooth running					
			4 = Level 4					
			3 = Level 3					
			2 = Level 2					
			1 = Level 1					

Pinion

R M K	2 0 0	-	2 2 2	-	2 2 L 1	-	0 2 2	-	0 2 0
Product type	Module		Feed force		Flank direction		Helix angle		I_{Fq} distance
RMK = pinion mounted on keyed shaft	150 = 1.5 mm		4 = Level 4				19.5283°		
RMS = pinion mounted on splined shaft	200 = 2 mm		3 = Level 3						
	300 = 3 mm		2 = Level 2						
	400 = 4 mm		Positioning accuracy						
			4 = Level 4						
			3 = Level 3						
			2 = Level 2						
			Smooth operation		Number of teeth				
			4 = Level 4						
			3 = Level 3						
			2 = Level 2						

RMK: bore diameter [mm]
RMS: reference diameter of involute spline [mm]