

Produktübersicht APEX-Kegelradgetriebe



		Bevel gear stainless steel High-End										Bevel gear black oxidized steel High-End									
Product type		AT-L	AT-L1/R1	AT-H	AT-C	AT-LM/RM	AT-4M	AT-FL	AT-FL1/FR1	AT-FH	AT-FC	ATB-L	ATB-L1/R1	ATB-H	ATB-C	ATB-LM/RM	ATB-4M	ATB-FL	ATB-FL1/FR1	ATB-FH	ATB-FC
High Torque		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
High Speed		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio	Min.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Max.	5	5	5	5	1	1	500	500	500	500	5	5	5	5	1	1	500	500	500	500
Backlash [arcmin] ^a	Standard	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6	≤ 6
	Reduced	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Micro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helical, Straight, Spiral or Hypoid teeth		Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f	Spiral ^f
Output options																					
Smooth shaft		x	x	-	-	x	x	x	x	-	-	x	x	-	-	x	x	x	x	-	-
Shaft with key		x	x	-	-	x	x	x	x	-	-	x	x	-	-	x	x	x	x	-	-
Shaft with spline (DIN 5480)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hollow shaft (blind)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hollow shaft with shrink disk (through)		-	-	-	x	-	-	-	-	-	x	-	-	-	x	-	-	-	-	-	x
Hollow shaft with key (through)		-	-	x	-	-	-	-	-	x	-	-	-	x	-	-	-	-	-	x	-
Flange for belt pulley		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hollow shaft with flange (ISO 9409)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Curvic plate flange		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Robotflange (ISO 9409)		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Output on both sides		x	-	x	x	x ^e	x ^h	x	-	x	x	x	-	x	x	x ^e	x ^h	x	-	x	x
Input options																					
Input for motor		-	-	-	-	-	-	x	x	x	x	-	-	-	-	-	-	-	x	x	x
Input shaft		x	x	x	x	x	x	-	-	-	-	x	x	x	x	x	x	-	-	-	-
Characteristics																					
ATEX		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Food-grade lubrication		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Stainless	House and shaft (flange)	x	x	x	x	x	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-
	Fully	x	x	x	x	x	x	o	o	o	o	-	-	-	-	-	-	-	-	-	-
System solutions																					
Linear system (Rack / Pinion) ^c		o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o	o
Accessories																					
Shrink disk		-	-	-	o	-	-	-	-	-	o	-	-	-	o	-	-	-	-	-	o
Belt pulley		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Price																					
Relative costs		++	++	++	+++	++	++	++	++	++	+++	+	+	+	++	+	+	+	+	+	++

^a Taken for 1-stage versions
^b Contact Apex Dynamics
^c Linear systems aren't possible on large sizes
^d The C version of this gearbox has a bevel gear as right angle stage
^e Also available in bevel gear version
^f Multiple stages have a straight toothed inline planetary stage
^g All three shafts can be used as input or output shafts
^h All four shafts can be used as input or output shafts

x standard
o Optional (additional costs)
- Not possible