

# BAUGRÖSSE 060

TAILLE 060  
SIZE 060



Hochleistungs-Schneckengetriebe    Réducteur à haute performance    Worm gear unit

**a = 60 mm**

50 ≤ L<sub>3</sub> < 65

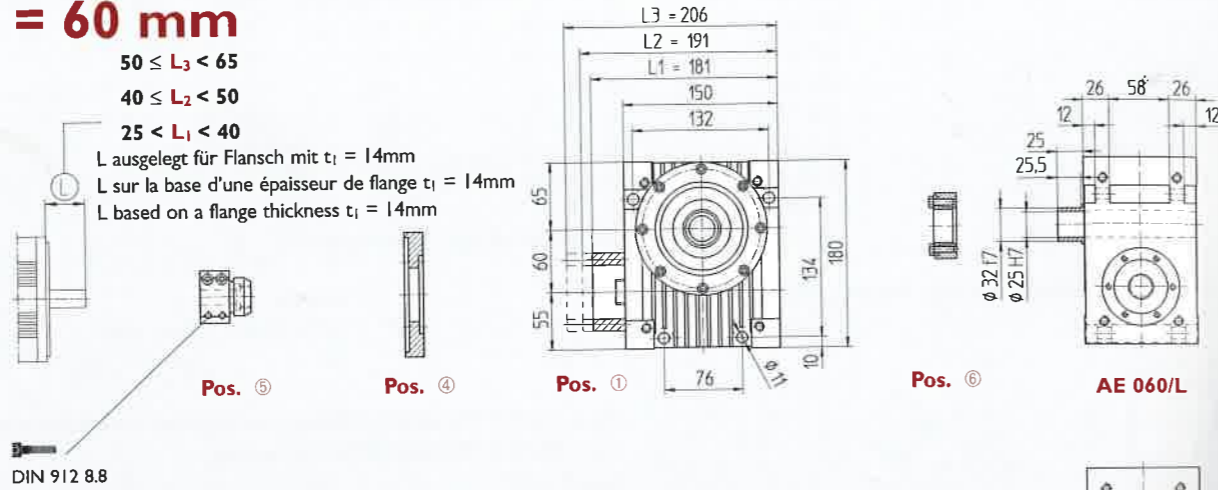
40 ≤ L<sub>2</sub> < 50

25 < L<sub>1</sub> < 40

L ausgelegt für Flansch mit t<sub>1</sub> = 14mm

L sur la base d'une épaisseur de flange t<sub>1</sub> = 14mm

L based on a flange thickness t<sub>1</sub> = 14mm



DIN 912 8.8

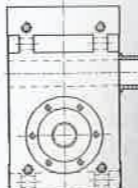
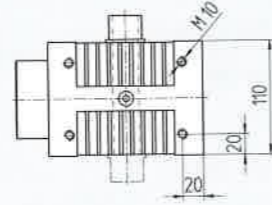
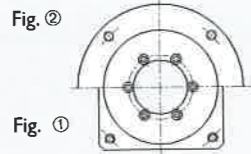
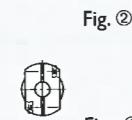
Pos. 5

Pos. 4

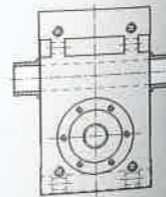
Pos. 1

Pos. 3

AE 060/L



AE 060/R



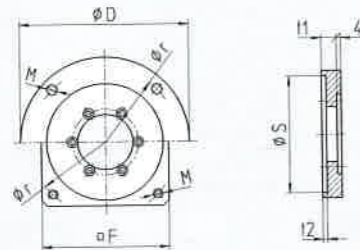
AE 060/S

Pos. 1 Getriebe / Réducteur / Worm gear unit

Type	Part No.	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	Ratio i	Inertia J <sub>red</sub> (10 <sup>-6</sup> kg m <sup>2</sup> )	m (kg)
AE 060/L	406 000	406 010	406 015	2 : 1	416	7.7	
AE 060/R	406 008	406 018	406 016	3 : 1	199		
AE 060/S	406 009	406 019	406 017	4 : 1	122		
				5 : 1	87		
				6 : 1	67		
				8 : 1	49		
				10 : 1	40		
				13 1/2 : 1	33		
				16 : 1	30		
				24 : 1	27		

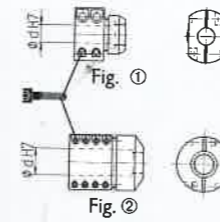
i: ab Lager / sur stock / from stock

Pos. 4 Flansch / Bride / Flange



Part No.	Fig.	S	r	F	t <sub>1</sub>	t <sub>2</sub>	D	M	m (kg)
406 085	①	80.0	100	92	14	5	—	M6	0.5
406 090	①	95.0	115	100	14	5	—	M8	
406 084	①	95.0	115	105	14	5	—	M8	
406 083	①	95.0	130	115	14	5	—	M10	
406 082	①	95.0	165	140	14	5	—	M8	
406 089	①	110.0	130	116	14	5	—	M8	
406 091	①	110.0	145	120	14	5	—	M8	
406 092	①	110.0	145	130	20	11	—	M10	
406 093	①	130.0	165	142	20	11	—	M10	
406 081	①	110.0	165	140	14	5	—	M10	
406 080	①	130.0	165	140	14	5	160	ø9	
406 086	②	110.0	130	—	14	5	185	M10	
406 088	②	130.0	165	—	14	5	—	M10	

Pos. 5 Kupplung / Accouplement / Coupling



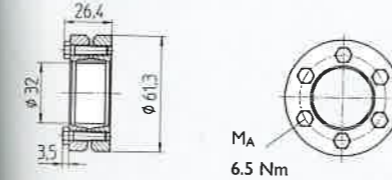
Part No.	Fig.	d	Inertia			M <sub>A</sub> (Nm)	m (kg)
			J (10 <sup>-6</sup> kg m <sup>2</sup> )	T <sub>1max</sub> (Nm)			
406 021	①	19	83	32.8	M6x20	10.5	0.3
406 024	①	22	80	38.0	M6x20		
406 020	①	24	79	41.5	M6x20		
406 026	②	28	294	41.9	M4x16	3.12	0.45
406 023	②	32	271	47.9	M4x16		

T<sub>1max</sub>: maximal übertragbares Moment der Kupplung / Couple max. de l'accouplement / Maximum torque of coupling

M<sub>A</sub>: Anziehdrehmoment / Couple de serrage / Tightening torque

Fig. 2 nur mit L<sub>3</sub> einsetzbar / Fig. 2 impose longueur L<sub>3</sub> / Fig. 2 requires length L<sub>3</sub>.

Pos. 6 Schrumpfscheiben-Kupplung / Jonction arbre-moyeu / Tension set



Part No.	Inertia		
406 031	J (10 <sup>-6</sup> kg m <sup>2</sup> )	T <sub>2max</sub> (Nm)	m (kg)
	200	300	0.3

T<sub>2max</sub>: maximal übertragbares Moment der Kupplung / Couple max. de l'accouplement / Maximum torque of coupling

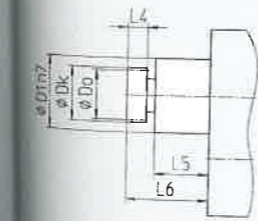
J<sub>red</sub> = J / i<sup>2</sup>

Zubehör

Accessoires

Accessories

Pos. 2 Abtrieb mit Ritzel / Bride de sortie avec pignon / Output flange with pinion

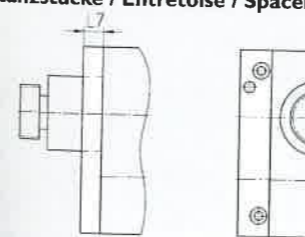


Part No.	Module	p	z	D <sub>0</sub>	D <sub>k</sub>	D <sub>1</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	J	m (kg)
406 050	2.381	7.5	20	47.75	52.5	72	19.5	53	80.5	307	1.6
406 052	3.1831	10.0	14	46.47	52.5	72	29.5	58	100	338	2.6
406 051	3.1831	10.0	20	63.66	70.0	72	29.5	58	100	620	3.0

p (mm): Teilung / pas / pitch

J (10<sup>-6</sup> kg m<sup>2</sup>): Inertia    J<sub>red</sub> = J / i<sup>2</sup>

Pos. 3 Distanzstücke / Entretoise / Spacer



Part No.	Mat.	L <sub>7</sub>	m (kg)
406 060 ①	Alu	19	0.25
406 061 ①	Alu	22	0.28

① Lieferung paarweise / Livraison par paire / Delivery in pairs only

Bestellbeispiel

Exemple de commande

Ordering example

Pos. 1 AE 060/L:  i:

Pos. 4

Pos. 5

Pos. 6

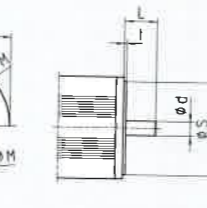
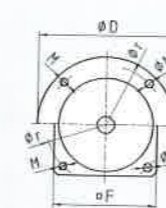
Zubehör

Pos. 2

Pos. 3

Angaben für speziellen Flansch

and Kupplung  
Spécification pour la bride de  
sortie et l'accouplement spéciale  
and coupling



d :  [mm]    ØM :  [mm]

L :  [mm]    M : alternativ  [mm]

S :  [mm]    t :  [mm]

r :  [mm]

□ F :  [mm]

○ D : alternativ  [mm]