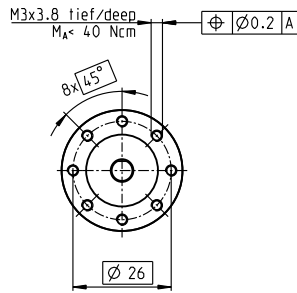
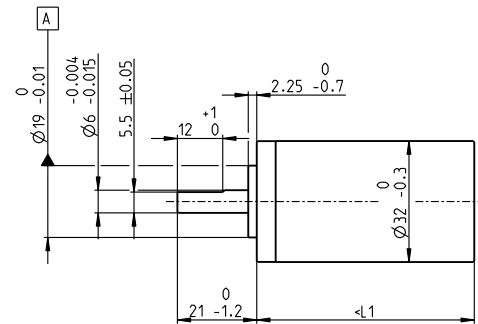


Koaxdrive KD 32 Ø32 mm, 1.0–4.5 Nm

Low Noise



M 1:2

Technical data

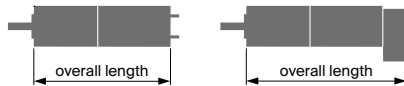
Planetary Gearhead	special toothing
Output shaft	stainless steel
Bearing at output	ball bearing
Radial play, 5 mm from flange	max. 0.14 mm
Axial play	max. 0.4 mm
Max. axial load (dynamic)	120 N
Max. force for press fits	120 N
Direction of rotation, drive to output	=
Max. continuous input speed	8000 rpm
Recommended temperature range	-15...+80°C
Number of stages	1 2 3
Max. radial load, 10 mm from flange	90 N 140 N 200 N

Option: higher reduction ratio on request

- Stock program
- Standard program
- Special program (on request)

Part numbers

Gearhead data	354722	354725	354962	354730	354731	354734	354737	354963	354742
1 Reduction	11:1	41:1	82:1	158:1	152:1	253:1	392:1	705:1	1091:1
2 Absolute reduction	17/1	286/7	408/5	792/5	7436/49	6336/25	9792/25	9867/14	17457/16
7 Max. efficiency	% 78	70	65	61	63	63	59	55	55
10 Mass inertia	gcm ² 0.65	0.60	0.60	0.35	0.60	0.60	0.35	0.35	0.22
Part numbers	354723	354726	354728	354744	354732	354735	354738	354740	
1 Reduction	17:1	53:1	98:1	190:1	196:1	304:1	455:1	760:1	
2 Absolute reduction	17/1	264/6	391/4	759/4	6864/35	1518/5	22308/49	19008/25	
7 Max. efficiency	% 72	70	65	65	63	63	55	55	
10 Mass inertia	gcm ² 0.38	0.60	0.35	0.35	0.60	0.60	0.22	0.22	
Part numbers	354724	354727	354729		354733	354736	354739	354741	
1 Reduction	33:1	63:1	123:1		235:1	364:1	588:1	911:1	
2 Absolute reduction	33/1	442/7	858/7		11492/49	5819/16	20592/35	4554/6	
7 Max. efficiency	% 68	70	61		63	63	59	55	
10 Mass inertia	gcm ² 0.65	0.60	0.22		0.60	0.60	0.35	0.22	
3 Max. motor shaft diameter	mm 3	3	3	3	3	3	3	3	3
4 Number of stages	1	2	2	2	3	3	3	3	3
5 Max. continuous torque	Nm 1	3.5	3.5	3.5	4.5	4.5	4.5	4.5	4.5
6 Max. intermittent torque at gear output	Nm 1.25	4.4	4.4	4.4	6.5	6.5	6.5	6.5	6.5
8 Weight	g 130	230	230	230	262	262	262	262	262
9 Average backlash no load	° 3.5	1	1	1	1	1	1	1	1
11 Gearhead length L1	mm 40.7	57.9	57.9	57.9	67.6	67.6	67.6	67.6	67.6



Modular system											
+ Motor	Page	+ Sensor/Brake	Page	Overall length [mm] = Motor length + gearhead length + (sensor/brake) + assembly parts							
RE 25	156/158			95.3	112.5	112.5	112.5	122.2	122.2	122.2	122.2
RE 25	156/158	ENX 25 IMR	505	106.3	123.5	123.5	123.5	133.2	133.2	133.2	133.2
RE 25	156/158	HEDL 5540	535/537	116.1	133.3	133.3	133.3	143.0	143.0	143.0	143.0
RE 25	156/158	DCT 22	542	117.6	134.8	134.8	134.8	144.5	144.5	144.5	144.5
RE 25, 20 W	157			83.8	101.0	101.0	101.0	110.7	110.7	110.7	110.7
RE 25, 20 W	157	ENX 25 IMR	505	94.8	112.0	112.0	112.0	121.7	121.7	121.7	121.7
RE 25, 20 W	157	HEDL 5540	536/537	104.6	121.8	121.8	121.8	131.5	131.5	131.5	131.5
RE 25, 20 W	157	DCT 22	542	106.1	123.3	123.3	123.3	133.0	133.0	133.0	133.0
RE 25, 20 W	157	AB 28	587	117.9	135.1	135.1	135.1	144.8	144.8	144.8	144.8
RE 25, 20 W	157	HEDL 5540/AB 28	536/587	135.1	152.3	152.3	152.3	162.0	162.0	162.0	162.0
RE 30, 60 W	160			108.8	126.0	126.0	126.0	135.7	135.7	135.7	135.7
RE 30, 60 W	160	ENX 32 IMR	506	120.2	137.4	137.4	137.4	147.1	147.1	147.1	147.1
RE 30, 60 W	160	HEDL 5540	537	129.6	146.8	146.8	146.8	156.5	156.5	156.5	156.5
EC-max 22, 12 W	282			72.8	89.9	89.9	89.9	99.6	99.6	99.6	99.6
EC-max 22, 12 W	282	16 EASY/XT/Abs.	509-511	82.4	99.5	99.5	99.5	109.2	109.2	109.2	109.2
EC-max 22, 12 W	282	16 EASY Abs. XT	512	82.9	100.0	100.0	100.0	109.7	109.7	109.7	109.7
EC-max 22, 12 W	282	AB 20	584	108.4	125.5	125.5	125.5	135.2	135.2	135.2	135.2
EC-max 22, 25 W	283			89.3	106.4	106.4	106.4	116.1	116.1	116.1	116.1
EC-max 22, 25 W	283	16 EASY/XT/Abs.	509-511	89.9	116.0	116.0	116.0	125.7	125.7	125.7	125.7
EC-max 22, 25 W	283	16 EASY Abs. XT	512	90.4	116.5	116.5	116.5	126.2	126.2	126.2	126.2
EC-max 22, 25 W	283	AB 20	584	124.9	142.0	142.0	142.0	151.7	151.7	151.7	151.7
EC-max 30, 40 W	284			82.8	99.9	99.9	99.9	109.6	109.6	109.6	109.6
EC-max 30, 40 W	284	16 EASY/XT/Abs.	509-511	93.9	111.0	111.0	111.0	120.7	120.7	120.7	120.7
EC-max 30, 40 W	284	16 EASY Abs. XT	512	94.4	111.5	111.5	111.5	121.2	121.2	121.2	121.2
EC-max 30, 40 W	284	HEDL 5540	539	103.4	120.5	120.5	120.5	130.2	130.2	130.2	130.2
EC-max 30, 40 W	284	AB 20	584	118.4	135.5	135.5	135.5	145.2	145.2	145.2	145.2
EC-max 30, 40 W	284	HEDL 5540/AB 20	539/584	139.0	156.1	156.1	156.1	165.8	165.8	165.8	165.8
EC-max 30, 60 W	285			104.8	121.9	121.9	121.9	131.6	131.6	131.6	131.6
EC-max 30, 60 W	285	16 EASY/XT/Abs.	509-511	115.9	133.0	133.0	133.0	142.7	142.7	142.7	142.7
EC-max 30, 60 W	285	16 EASY Abs. XT	512	116.4	133.5	133.5	133.5	143.2	143.2	143.2	143.2
EC-max 30, 60 W	285	HEDL 5540	539	125.4	142.5	142.5	142.5	152.2	152.2	152.2	152.2
EC-max 30, 60 W	285	AB 20	584	140.4	157.5	157.5	157.5	167.2	167.2	167.2	167.2
EC-max 30, 60 W	285	HEDL 5540/AB 20	539/584	161.0	178.1	178.1	178.1	187.8	187.8	187.8	187.8