



APEX DYNAMICS, INC.

**HIGH PRECISION
PLANETARY GEARBOX**

AE / AER Series



Stainless



APEX DYNAMICS, INC.



Apex Dynamics, Inc. is the world's most productive manufacturer of servomotor drive planetary gearboxes for precision automation machinery. From our 800,000+ square foot ISO 9001:2008 manufacturing facility, based in Taichung, Taiwan, we manufacture to stock using the newest precision machine tools and quality test and inspection equipment. Complete focus on quality and precision allows us to produce our high quality gearheads at precision levels down to less than 1 arc minute (1/60 th of a degree), with consistency and high reliability.

Based on more than twenty years of accumulated manufacturing and marketing experience, plus the highest level of technical production capabilities, Apex Dynamics, Inc. designs and builds technically advanced, high speed, low backlash servo application planetary gearboxes. Our Break through patented technology (over 6 patents), provides the customer with the optimum high precision helical reducer at a reasonable price. We are continuously improving processes, finding proper and effective methods to provide customers new solutions for difficult applications, and developing new products.

The primary focus in daily operation is quality. We pride ourselves on our dedication to quality; our duty - is customer satisfaction.



APEX



AE Series

AE090

—

010

/

MOTOR

Gearbox Size:

AE050, AE070, AE090

AE120, AE155, AE205, AE235

Motor Designation:

Manufacturer Type

And Model

Ratio:

1 Stage: 3, 4, 5, 6, 7, 8, 9, 10

2 Stage: 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100

Ordering Example: AE090-010 / SIEMENS 1FT6 041-4AF71

AER Series

AER050

—

010

/

MOTOR

Gearbox Size:

AER050, AER070, AER090

AER120, AER155, AER205, AER235

Motor Designation:

Manufacturer Type

And Model

Ratio:

1 Stage: 3, 4, 5, 6, 7, 8, 9, 10, 14, 20

2 Stage: 15, 20, 25, 30, 35, 40, 45, 50, 60, 70,
80, 90, 100, 120, 140, 160, 180, 200
Ordering Example: AER050-010 / SIEMENS 1FT5 034-OAK71

©2017 by APEX DYNAMICS, INC.

APEX DYNAMICS, INC. reserves modification and copyrights of all technical specifications, illustrations and drawings in this catalog in allowance for continuous products development and advancement.

For the newest data and information, please visit <http://www.apexdyna.com/>

Specifications / AE Series

Gearbox Performance

Model No.		Stage	Ratio ^A	AE050	AE070	AE090	AE120	AE155	AE205	AE235
Nominal output torque T_{2N}	Nm	1	3	20	55	130	208	342	588	1,140
			4	19	50	140	290	542	1,050	1,700
			5	22	60	160	330	650	1,200	2,000
			6	20	55	150	310	600	1,100	1,900
			7	19	50	140	300	550	1,100	1,800
			8	17	45	120	260	500	1,000	1,600
			9	14	40	100	230	450	900	1,500
			10	14	40	100	230	450	900	1,500
		2	15	20	55	130	208	342	588	1,140
			20	19	50	140	290	542	1,050	1,700
			25	22	60	160	330	650	1,200	2,000
			30	20	55	150	310	600	1,100	1,900
			35	19	50	140	300	550	1,100	1,800
			40	17	45	120	260	500	1,000	1,600
			45	14	40	100	230	450	900	1,500
			50	22	60	160	330	650	1,200	2,000
			60	20	55	150	310	600	1,100	1,900
			70	19	50	140	300	550	1,100	1,800
			80	17	45	120	260	500	1,000	1,600
			90	14	40	100	230	450	900	1,500
			100	14	40	100	230	450	900	1,500
Emergency Stop Torque T_{2NOT}^B	Nm	1,2	3~100	3 times of nominal output torque						
Nominal input speed n_{1N}	rpm	1,2	3~100	5,000	5,000	4,000	4,000	3,000	3,000	2,000
Max. input speed n_{1B}	rpm	1,2	3~100	10,000	10,000	8,000	8,000	6,000	6,000	4,000
Backlash	arcmin	1	3~10	≤8	≤8	≤8	≤8	≤8	≤8	≤8
		2	15~100	≤12	≤12	≤12	≤12	≤12	≤12	≤12
Torsional rigidity	Nm/arcmin	1,2	3~100	3	7	14	25	50	145	225
Max. Radial Load F_{2rB}^C	N	1,2	3~100	702	1,377	2,985	6,100	8,460	13,050	8,700
Max. Axial Load F_{2aB}^C	N	1,2	3~100	390	765	1,625	3,350	4,700	7,250	5,400
Efficiency η	%	1	3~10	≥97%						
		2	15~100	≥94%						
Weight	kg	1	3~10	0.6	1.4	3.3	6.9	13	31	53
		2	15~100	0.9	1.6	4.7	8.7	17	35	66
Operating temp	°C	1,2	3~100	-10°C~90°C						
Lubrication				Synthetic lubrication oils						
Degree of gearbox protection		1,2	3~100	IP65						
Mounting position		1,2	3~100	all directions						
Noise ^D	dB(A)	1,2	3~100	≤56	≤58	≤60	≤63	≤65	≤67	≤70

Gearbox Inertia

Model No.		Stage	Ratio ^A	AE050	AE070	AE090	AE120	AE155	AE205	AE235
Mass moments of inertia J_1	kg · cm ²	1	3	0.03	0.16	0.61	3.25	9.21	28.98	69.61
			4	0.03	0.14	0.48	2.74	7.54	23.67	54.37
			5	0.03	0.13	0.47	2.71	7.42	23.29	53.27
			6	0.03	0.13	0.45	2.65	7.25	22.75	51.72
			7	0.03	0.13	0.45	2.62	7.14	22.48	50.97
			8	0.03	0.13	0.44	2.58	7.07	22.59	50.84
			9	0.03	0.13	0.44	2.57	7.04	22.53	50.63
			10	0.03	0.13	0.44	2.57	7.03	22.51	50.56
		2	15	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			20	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			25	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			30	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			35	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			40	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			45	0.03	0.03	0.13	0.47	2.71	7.42	23.29
			50	0.03	0.03	0.13	0.44	2.57	7.03	22.51
			60	0.03	0.03	0.13	0.44	2.57	7.03	22.51
			70	0.03	0.03	0.13	0.44	2.57	7.03	22.51
			80	0.03	0.03	0.13	0.44	2.57	7.03	22.51
			90	0.03	0.03	0.13	0.44	2.57	7.03	22.51
			100	0.03	0.03	0.13	0.44	2.57	7.03	22.51

A. Ratio ($i=N_{in}/N_{out}$)B. Max. acceleration torque $T_{2B} = 60\%$ of T_{2NOT}

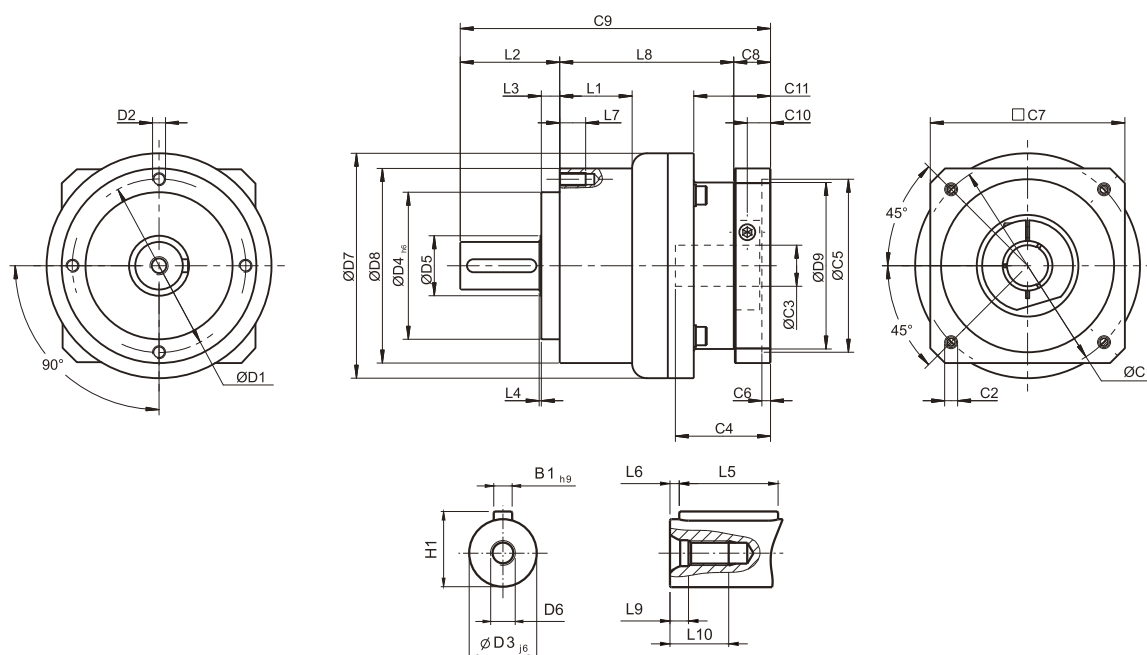
C. Applied to the output shaft center at 100 rpm

D. The dB values are measured by gearbox with ratio 10 (1-stage) or ratio 100 (2-stage), no loading at 3,000 RPM or at the respective Nominal Input Speed by bigger model size.

By lower ratio and/or higher RPM, the noise level could be 3 to 5 dB higher.

E. 5 years warranty.

Dimensions (1-stage, Ratio $i=3\sim 10$) / AE Series



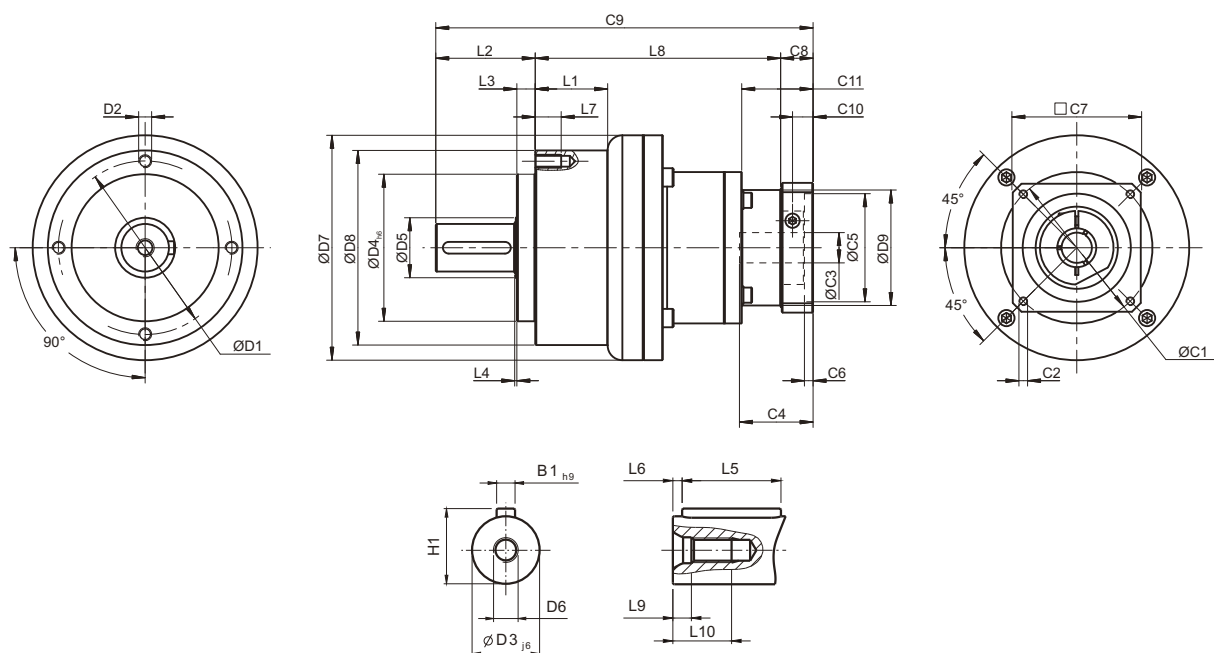
[unit: mm]

Dimension	AE050	AE070	AE090	AE120	AE155	AE205	AE235
D1	44	62	80	108	140	184	210
D2	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P	M16 x 2P
D3 _{j6}	12	16	22	32	40	55	75
D4 _{h6}	35	52	68	90	120	160	180
D5	22	22	30	40	75	95	115
D6	M4 x 0.7P	M5 x 0.8P	M8 x 1.25P	M12 x 1.75P	M16 x 2P	M20 x 2.5P	M20 x 2.5P
D7	53	70	104	130	162	205	260
D8	50	70	90	120	155	205	235
D9	45.5	53.4	77	102	125	160	205
L1	--	--	33.5	38	50	--	70
L2	24.5	36	46	70	97	100	126
L3	4	6.5	8.5	17.5	15	15	18
L4	1	1	1	1.5	3	3	3
L5	14	25	32	40	63	70	90
L6	2	2	3	5	5	6	7
L7	8	10	12	16	20	22	28
L8	47	62	80.5	97	119.5	159	175.5
L9	4.5	4.8	7.2	10	12	15	15
L10	10	12.5	19	28	36	42	42
C1 ¹	46	70	100	130	165	215	235
C2 ¹	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P	M12 x 1.75P
C3 ¹	≤ 11 / ≤ 12 ²	≤ 14 / ≤ 16 ²	≤ 19 / ≤ 24	≤ 32	≤ 38	≤ 48	≤ 55
C4 ¹	30	34	40	50	60	85	116
C5 ¹	30	50	80	110	130	180	200
C6 ¹	3.5	8	4	5	6	6	6
C7 ¹	48	60	90	115	142	190	220
C8 ¹	19.5	19	17	19.5	22.5	29	63
C9 ¹	91	117	143.5	186.5	239	288	364.5
C10 ¹	13.25	13.5	10.75	13	15	20.75	53.5
C11 ¹	19.5	37	35.5	46	53.5	79.5	106.5
B1 _{h9}	4	5	6	10	12	16	20
H1	14	18	24.5	35	43	59	79.5

1. C1~C11 are motor specific dimensions (metric std shown). Refer to www.apexdyna.com and Design Tool to view your specific motor mounting system.

2. AE050 ratio 5, 10 offers C3 ≤ 12 option; AE070 ratio 5, 10 offers C3 ≤ 16 option.

Dimensions (2-stage, Ratio $i = 15 \sim 100$) / AE Series



[unit: mm]

Dimension	AE050	AE070	AE090	AE120	AE155	AE205	AE235
D1	44	62	80	108	140	184	210
D2	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P	M16 x 2P
D3 _{j6}	12	16	22	32	40	55	75
D4 _{h6}	35	52	68	90	120	160	180
D5	22	22	30	40	75	95	115
D6	M4 x 0.7P	M5 x 0.8P	M8 x 1.25P	M12 x 1.75P	M16 x 2P	M20 x 2.5P	M20 x 2.5P
D7	53	70	104	130	162	205	260
D8	50	70	90	120	155	205	235
D9	45.5	45.5	53.4	77	102	125	160
L1	--	--	33.5	38	50	--	70
L2	24.5	36	46	70	97	100	126
L3	4	6.5	8.5	17.5	15	15	18
L4	1	1	1	1.5	3	3	3
L5	14	25	32	40	63	70	90
L6	2	2	3	5	5	6	7
L7	8	10	12	16	20	22	28
L8	74	87.5	113.5	138.5	176	214.5	260
L9	4.5	4.8	7.2	10	12	15	15
L10	10	12.5	19	28	36	42	42
C1 ³	46	46	70	100	130	165	215
C2 ³	M4 x 0.7P	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P
C3 ³	≤11 / ≤12	≤11 / ≤12	≤14 / ≤15.875 / ≤16	≤19 / ≤24	≤32	≤38	≤48
C4 ³	30	30	34	40	50	60	85
C5 ³	30	30	50	80	110	130	180
C6 ³	3.5	3.5	8	4	5	6	6
C7 ³	48	48	60	90	115	142	190
C8 ³	19.5	19.5	19	17	19.5	22.5	29
C9 ³	118	143	178.5	225.5	292.5	337	415
C10 ³	13.25	13.25	13.5	10.75	13	15	20.75
C11 ³	19.5	19.5	37	35.5	46	53.5	79.5
B1 _{h9}	4	5	6	10	12	16	20
H1	14	18	24.5	35	43	59	79.5

3. C1-C11 are motor specific dimensions (metric std shown). Refer to www.apexdyna.com and Design Tool to view your specific motor mounting system.

Specifications / AER Series

Gearbox Performance

Model No.		Stage	Ratio ^A	AER050	AER070	AER090	AER120	AER155	AER205	AER235
Nominal output torque T_{2N}	Nm	1	3	9	36	90	195	342	588	1,140
			4	12	48	120	260	520	1,040	1,680
			5	15	60	150	325	650	1,200	2,000
			6	18	55	150	310	600	1,100	1,900
			7	19	50	140	300	550	1,100	1,800
			8	17	45	120	260	500	1,000	1,600
			9	14	40	100	230	450	900	1,500
			10	14	60	150	325	650	1,200	2,000
			14	–	42	140	300	550	1,100	1,800
			20	–	40	100	230	450	900	1,500
		2	15	14	–	–	–	–	–	–
			20	14	–	–	–	–	–	–
			25	15	60	150	325	650	1,200	2,000
			30	20	55	150	310	600	1,100	1,900
			35	19	50	140	300	550	1,100	1,800
			40	17	45	120	260	500	1,000	1,600
			45	14	40	100	230	450	900	1,500
			50	14	60	150	325	650	1,200	2,000
			60	20	55	150	310	600	1,100	1,900
			70	19	50	140	300	550	1,100	1,800
			80	17	45	120	260	500	1,000	1,600
			90	14	40	100	230	450	900	1,500
			100	14	40	100	230	450	900	1,500
			120	–	–	150	310	600	1,100	1,900
			140	–	–	140	300	550	1,100	1,800
			160	–	–	120	260	550	1,000	1,600
			180	–	–	100	230	450	900	1,500
			200	–	–	100	230	450	900	1,500
Emergency Stop Torque T_{2NOT} ^B	Nm	1,2	3~200	3 times of nominal output torque						
Nominal Input Speed n_{1N}	rpm	1,2	3~200	5,000	5,000	4,000	4,000	3,000	3,000	2,000
Max. Input Speed n_{1B}	rpm	1,2	3~200	10,000	10,000	8,000	8,000	6,000	6,000	4,000
Backlash	arcmin	1	3~20	≤10	≤10	≤10	≤10	≤10	≤10	≤10
		2	25~200	≤14	≤14	≤14	≤14	≤14	≤14	≤14
Torsional Rigidity	Nm/arcmin	1,2	3~200	3	7	14	25	50	145	225
Max. Radial Load F_{2rB} ^C	N	1,2	3~200	702	1,377	2,985	6,100	8,460	13,050	8,700
Max. Axial Load F_{2aB} ^C	N	1,2	3~200	390	765	1,625	3,350	4,700	7,250	5,400
Efficiency η	%	1	3~20	≥95%						
		2	25~200	≥92%						
Weight	kg	1	3~20	1.0	2.1	5.8	11.2	22.4	46.8	78.0
		2	25~200	1.3	2.0	4.6	11.1	21.8	43.7	81.9
Operating temp	°C	1,2	3~200	-10°C~90°C						
Lubrication				Synthetic lubrication oils						
Degree of gearbox protection		1,2	3~200	IP65						
Mounting position		1,2	3~200	all directions						
Noise ^D	dB(A)	1,2	3~200	≤61	≤63	≤65	≤68	≤70	≤72	≤74

Gearbox Inertia

Model No.		Stage	Ratio ^A	AER050	AER070	AER090	AER120	AER155	AER205	AER235
Mass Moments of Inertia J_i	kg · cm ²	1	3~10	0.09	0.35	2.25	6.84	23.4	68.9	135.4
			14	–	0.07	1.87	6.25	21.8	65.6	119.8
			20	–	0.07	1.87	6.25	21.8	65.6	119.8
		2	15	0.09	–	–	–	–	–	–
			20	0.09	–	–	–	–	–	–
			25~100	0.09	0.09	0.35	2.25	6.84	23.4	68.9
			120~200	–	–	0.31	1.87	6.25	21.8	65.6

A. Ratio ($i = N_{in} / N_{out}$)

B. Max. acceleration torque $T_{2B} = 60\%$ of T_{2NOT}

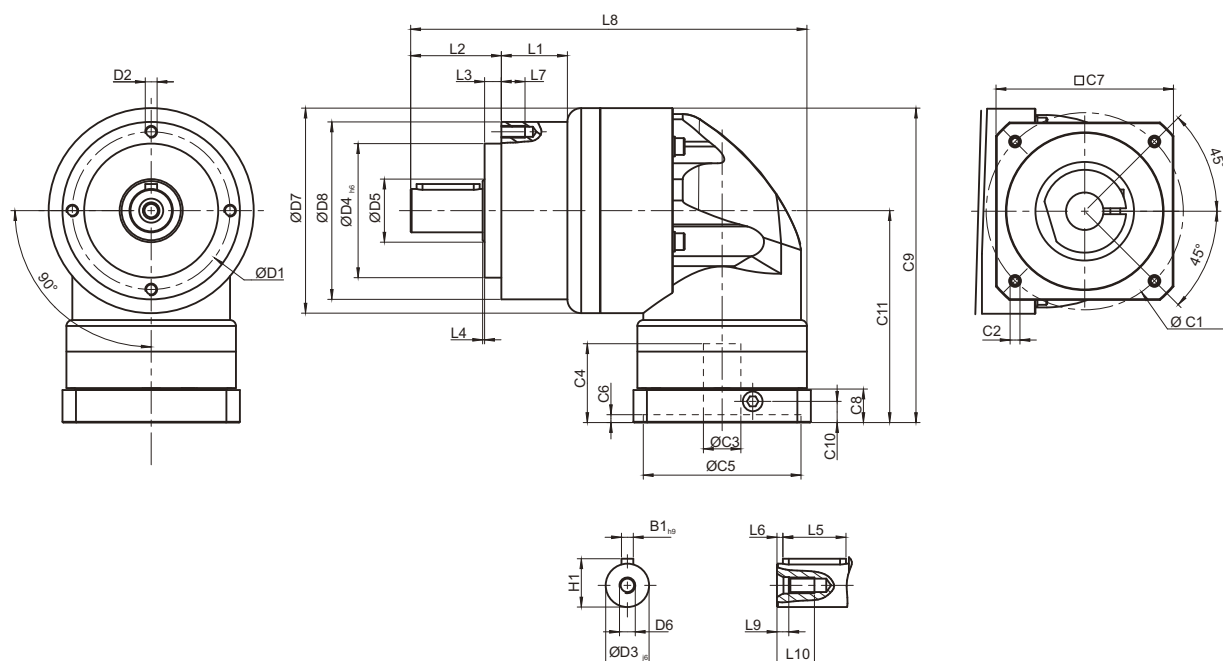
C. Applied to the output shaft center at 100 rpm

D. The dB values are measured by gearbox with ratio 10 (1-stage) or ratio 100 (2-stage), no loading at 3,000 RPM or at the respective Nominal Input Speed by bigger model size.

By lower ratio and/or higher RPM, the noise level could be 3 to 5 dB higher.

E. 5 years warranty.

Dimensions (1-stage, Ratio $i=3\sim 20$) / AER Series

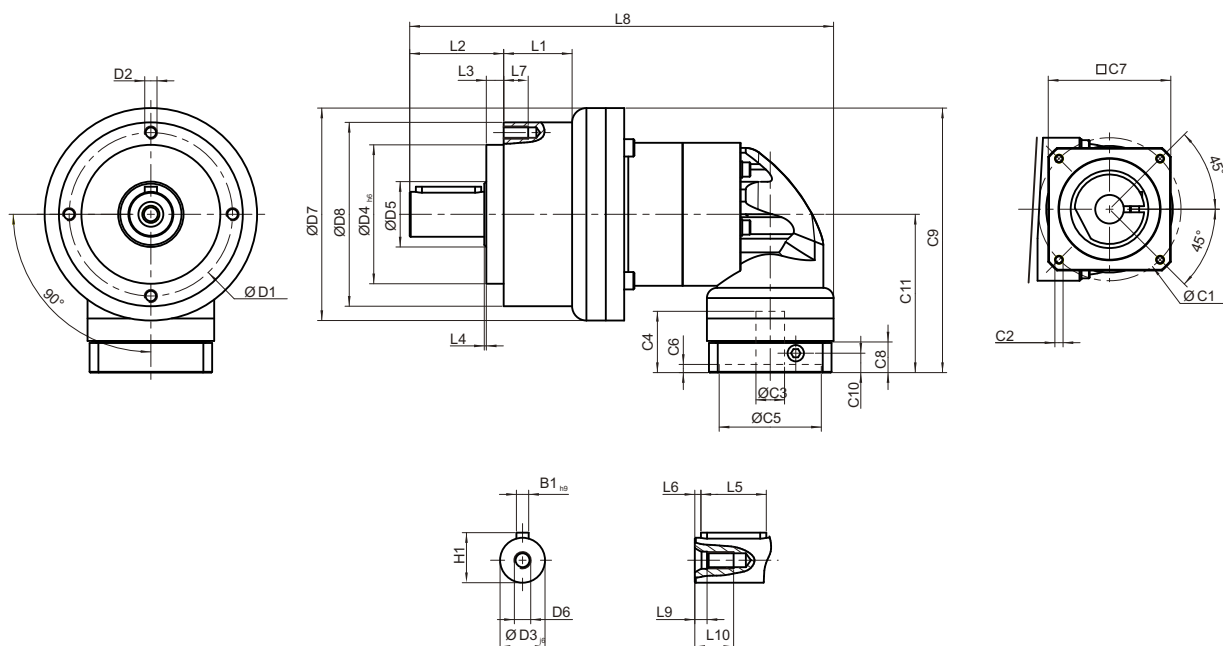


[unit: mm]

Dimension	AER050	AER070	AER090	AER120	AER155	AER205	AER235
D1	44	62	80	108	140	184	210
D2	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P	M16 x 2P
D3 _{j6}	12	16	22	32	40	55	75
D4 _{h6}	35	52	68	90	120	160	180
D5	22	22	30	40	75	95	115
D6	M4 x 0.7P	M5 x 0.8P	M8 x 1.25P	M12 x 1.75P	M16 x 2P	M20 x 2.5P	M20 x 2.5P
D7	53	70	104	130	162	205	260
D8	50	70	90	120	155	205	235
L1	--	--	33.5	38	50	--	70
L2	24.5	36	46	70	97	100	126
L3	4	6.5	8.5	17.5	15	15	18
L4	1	1	1	1.5	3	3	3
L5	14	25	32	40	63	70	90
L6	2	2	3	5	5	6	7
L7	8	10	12	16	20	22	28
L8	115.5	146	201	252	324.5	379.5	461.5
L9	4.5	4.8	7.2	10	12	15	15
L10	10	12.5	19	28	36	42	42
C1 ¹	46	70	100	130	165	215	235
C2 ¹	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P	M12 x 1.75P
C3 ¹	≤11 / ≤12	≤14 / ≤16	≤19 / ≤24	≤32	≤38	≤48	≤55
C4 ¹	30	34	40	50	60	85	116
C5 ¹	30	50	80	110	130	180	200
C6 ¹	3.5	8	4	5	6	6	6
C7 ¹	48	60	90	115	142	190	220
C8 ¹	19.5	19	17	19.5	22.5	29	63
C9 ¹	100.5	116.5	159.5	199	245.5	316	398.5
C10 ¹	13.25	13.5	10.75	13	15	20.75	53.5
C11 ¹	74	81.5	107.5	134	164.5	213.5	268.5
B1 _{h9}	4	5	6	10	12	16	20
H1	14	18	24.5	35	43	59	79.5

1. C1~C11 are motor specific dimensions (metric std shown). Refer to www.apexdyna.com and Design Tool to view your specific motor mounting system.

Dimensions (2-stage, Ratio $i=15\sim200$) / AER Series

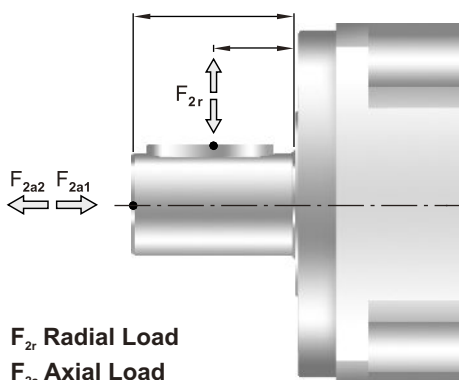


[unit: mm]

Dimension	AER050	AER070	AER090	AER120	AER155	AER205	AER235
D1	44	62	80	108	140	184	210
D2	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P	M16 x 2P
D3 _{j6}	12	16	22	32	40	55	75
D4 _{h6}	35	52	68	90	120	160	180
D5	22	22	30	40	75	95	115
D6	M4 x 0.7P	M5 x 0.8P	M8 x 1.25P	M12 x 1.75P	M16 x 2P	M20 x 2.5P	M20 x 2.5P
D7	53	70	104	130	162	205	260
D8	50	70	90	120	155	205	235
L1	--	--	33.5	38	50	--	70
L2	24.5	36	46	70	97	100	126
L3	4	6.5	8.5	17.5	15	15	18
L4	1	1	1	1.5	3	3	3
L5	14	25	32	40	63	70	90
L6	2	2	3	5	5	6	7
L7	8	10	12	16	20	22	28
L8	142.5	167.5	207.5	283	358	422.5	506.5
L9	4.5	4.8	7.2	10	12	15	15
L10	10	12.5	19	28	36	42	42
C1 ²	46	46	70	100	130	165	215
C2 ²	M4 x 0.7P	M4 x 0.7P	M5 x 0.8P	M6 x 1P	M8 x 1.25P	M10 x 1.5P	M12 x 1.75P
C3 ²	≤11 / ≤12	≤11 / ≤12	≤14 / ≤15.875 / ≤16	≤19 / ≤24	≤32	≤38	≤48
C4 ²	30	30	34	40	50	60	85
C5 ²	30	30	50	80	110	130	180
C6 ²	3.5	3.5	8	4	5	6	6
C7 ²	48	48	60	90	115	142	190
C8 ²	19.5	19.5	19	17	19.5	22.5	29
C9 ²	100.5	109	133.5	172.5	215	267	343.5
C10 ²	13.25	13.25	13.5	10.75	13	15	20.75
C11 ²	74	74	81.5	107.5	134	164.5	213.5
B1 _{h9}	4	5	6	10	12	16	20
H1	14	18	24.5	35	43	59	79.5

2. C1~C11 are motor specific dimensions (metric std shown). Refer to www.apexdyna.com and Design Tool to view your specific motor mounting system.

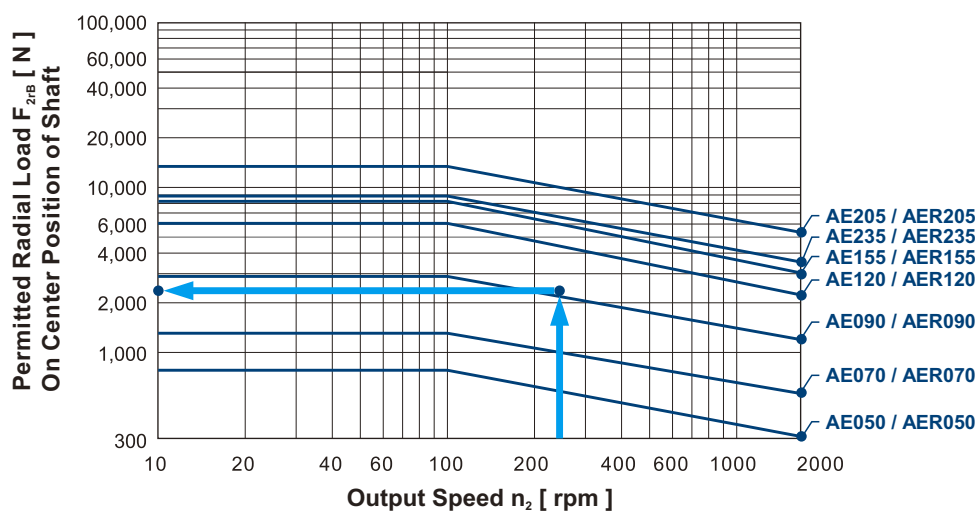
Permitted Radial and Axial Loads



The permitted radial and axial loads on output shaft of the gearbox depend on the design of the gearbox supporting bearings.

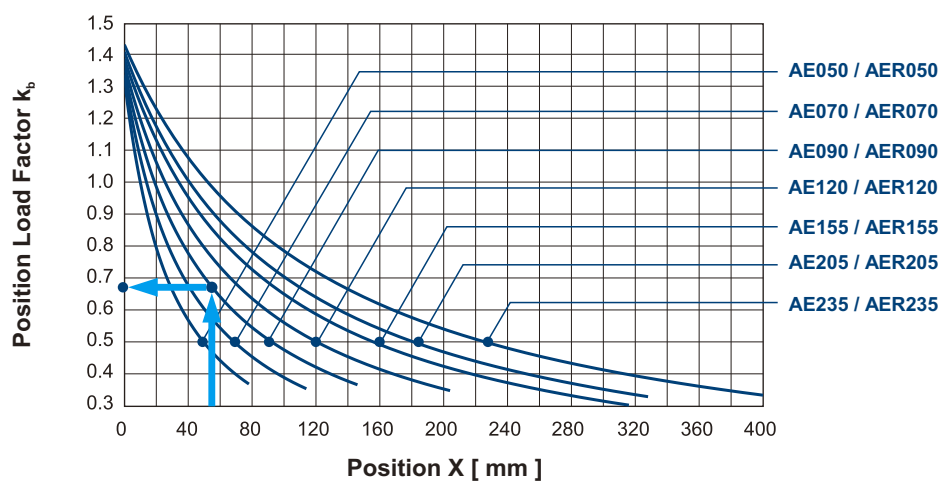
APEX use the extension straddle oversized ball bearing design.

It can take heavy load from both axes.



If radial force F_{2r} exert on the center of the output shaft
 $X = 1/2 \times L$.

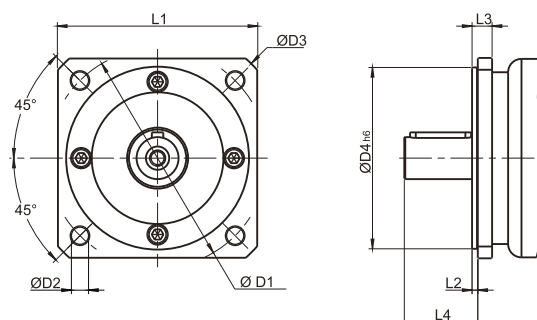
The permitted radial load is given on left diagram.



If radial force F_{2r} not exert on the center of the output shaft
 $X < 1/2 \times L$ or $X > 1/2 \times L$

The permitted radial and axial load can be calculated by the position load factor k_b on the left diagram.

Front Plate Option



[unit: mm]

Dimension	D1	D2	D3	D4 ^{h6}	L1	L2	L3	L4
AE050(AER050)-NEMA 23	66.675	6	77	38.1	57.2	2	8	18.5
AE050(AER050)-PX60	70	5.6	80.5	50	60	2.5	8.5	18.5
AE070(AER070)-Metric	90	6.6	106	50	80	3	11	28
AE070(AER070)-NEMA 34	98.425	5.5	115	73.025	86	2.5	8	30.5
AE070(AER070)-DT90 / PX90	100	6.6	120	80	90	3	8	31
AE090(AER090)-IEC 63D5 B5	115	9	140	95	105	3	10.5	38.5
AE090(AER090)-NEMA 34	98.425	5.5	120	73.025	92	2.5	12.5	36
AE090(AER090)-DT90 / PX90	100	6.5	120	80	92	2.5	12.5	36
AE090(AER090)-NEMA 42	125.73	7	144	55.58	107	4	14.5	35.5
AE120(AER120)-NEMA 42	125.73	7.1	170	55.499	127	1.5	21.5	50
AE120(AER120)-NEMA 56	149.225	6.6	170	114.3	127	3	17.5	55.5
AE155(AER155)-B5	175	11	196	130	160	5	20	82
AE205(AER205)-B5	230	13	277	180	210	5	23	82
AE235(AER235)-B5	275	17	317	235	240	5	23	108



**APEX TAIWAN NORTH
ANDTEK AUTOMATION CO.,LTD**
TEL +886-02-82262655
13F-5, No.2, Jian 8th Rd., Jhonghe Dist., New
Taipei City 235, TAIWAN
sales@andtek.com.tw
www.apexdyna.com



**APEX TAIWAN CENTRAL
ANDTEK AUTOMATION CO.,LTD**
TEL +886-04-23594286
9F-6, No.925, Sec.4, Taiwan Blvd., Xitun Dist.
Taichung City 407 TAIWAN
sales@andtek.com.tw
www.apexdyna.com



**APEX TAIWAN SOUTH
MEN JENN ELECTRIC CO., LTD.**
TEL +886-06-2337332 ~ 6
No.774, Zhonghua Rd., Yongkang Dist., Tainan
City 710, TAIWAN
menjenn@ms24.hinet.net
www.apexdyna.com



APEX DYNAMICS INC. SHANGHAI
TEL +86-21-69220577
No.128 ZHUYING Road QINGPU Industry Area,
Shanghai, CHINA
sales@apexdyna.cn
www.apexdyna.cn



APEX DYNAMICS SHENZHEN, LTD.
TEL +86-755-84516325
No. 1102A of D area , CFG mansion ,Bao Yuan
Road , Bao'an District , Shenzhen ,CHINA.
sales@szapexdyna.com
www.szapexdyna.com



APEX DYNAMICS BEIJING, LTD.
TEL +86-10-69570691
NO.1,YaoPingRoad,SongZhuang Town, Tongzhou
istrict, Beijing, CHINA.
bjapexdyna@163.com
www.bjapex.cn



CHONGQING APEX DYNAMICS CO., LTD.
TEL +86-23-67686860
406, Building 5, No.68,Jinyu Avenue, Beibu New
Area, Chongqing, CHINA
sales@cqapexdyna.com
www.apexdyna.com



APEX (XIAMEN) DYNAMICS TECHNOLOGY CO., LTD.
TEL +86-0592-720-5279
Unit B-3,1F.,No.129,Jingquan Road, Jimei District,
Xiamen, Fujian, CHINA
sales@xmapexdyna.com
www.xmapexdyna.com



APEX DYNAMICS USA, INC.
TEL +1-631-2449040
885 Marconi Avenue Ronkonkoma, NY 11779
U.S.A.
sales@apexdynamicsusa.com
www.apexdynamicsusa.com



APEX DYNAMICS KOREA
TEL +82-31-8179992
1246-32, Seongsuk-dong, Ilsandong-gu, Goyang-city,
Gyeonggi-Do, KOREA (R.O.K) 410-570
sales@apexdynakorea.co.kr
www.apexdynakorea.co.kr



APEX DYNAMICS JAPAN
TEL +81-092-4511202
1-13-3, Sannou, Hakata-ku, Fukuoka-Shi 812-0015,
JAPAN
sales@apexdyna.jp
www.apexdyna.jp



APEX DYNAMICS SINGAPORE PTE LTD
TEL +65-62-626228
3 South Buona Vista Road, #05-15 & #06-15.
SINGAPORE 118136
sales@apexdyna.com.sg
www.apexdyna.com.sg



APEX DYNAMICS (THAILAND) CO., LTD.
TEL +66-2-3266233
73 Soi Ladkrabang 30, Kadkrabang Rd.,Bangkok
10520, THAILAND
sales@apexdyna.co.th
www.apexdyna.co.th



APEX DYNAMICS BV
TEL +31-492-509995
Churchillaan 101 5705 BK Helmond, NETHERLANDS
sales@apexdyna.nl
www.apexdyna.nl



**APEX DYNAMICS
POLSKA SP. Z O.O.**
TEL +48-12-6304728
Krakowska 50, 32-083 Balice, POLAND
sales@apexdyna.pl
www.apexdyna.pl



APEX DYNAMICS SPAIN, S.L.
TEL +34-93-6562990
Poligono Industrial Moli dels Freres, Calle Cnº
12,08620 - Sant Vicenç dels Horts, Barcelona, SPAIN
apexdyna@apexdyna.es
www.apexdyna.es



LIMAN TRADING LIMITED FZC LLC
P.O. Box 97 , Postal Code 322, Corporate Parks,
Sohar Free Zoon, Oman



APEKS REDUKTOR VE DISLI SAN. TIC. LTD. STI.
TEL +90-232-4589960
10042 Sok.No:10 AOSB Çiğli-Izmir, TURKEY
sales@apexdyna.com.tr
www.apexdyna.com.tr



APEX DYNAMICS AUSTRALIA PTY LTD.
TEL +613-95-852739
36 Taunton Drive, Cheltenham, Victoria 3192
AUSTRALIA.
sales@apexdyna.com.au
www.apexdyna.com.au



APEX DYNAMICS (I) JV
TEL +91-80-55345541
GAT NO. 279, KHED SHIVAPUR BAUG, TALUKA
HAVELI PUNE - 412205 INDIA.
sales@apexdyna.co.in
www.apexdyna.co.in



APEX DYNAMICS FRANCE SAS
TEL +33-160-135097
11 - Burospace F - 91570 -
Bièvres, FRANCE
info@apexdyna.fr
www.apexdyna.fr



APEX DYNAMICS SWEDEN AB
TEL +46-75-242444
Fredrikbergsgatan 2 SE-573 92 Tranås, SWEDEN
sales@apexdyna.se
www.apexdyna.se



PT.APEX DYNAMICS INDONESIA
TEL +62 21 2928 3681
Rukan Aralia Blok HY43 no.11, Harapan Indah II,
Bekasi - Jawa Barat, INDONESIA 17214
sales@apexdyna.co.id
www.apexdyna.co.id



APEX DYNAMICS GERMANY GMBH
TEL +49-7181-9329955
Spanninger Str. 9, 73650 Winterbach, GERMANY
Langer@apexdynamics.de
www.apexdynamics.de



APEX DYNAMICS CZECH S.R.O.
TEL +420-577-663877
tř. Tomáše Bati 1851 765 02 Otrokovice ČESKÁ
REPUBLIKA
info@apexdynaczech.cz
www.apexdynaczech.cz



APEX DYNAMICS РОССИЯ
TEL +7-495-2255452
+7-495-6462422
г.Москва, ул. Южнопортовая, дом 7, строение
"С", 3-й этаж
info@apexdynarussia.ru
www.apexdynarussia.ru



APEX DYNAMICS UK
TEL +44-0121-737-1170
Heath House, Cheadle Rd, Uttoxeter,
ST14 7BY, UK
mikeg@apexdynauk.com
www.apexdynauk.com



APEX DYNAMICS SWITZERLAND AG
TEL +41-55-4517020 Talstrasse 24, CH-8852
Altendorf, SWITZERLAND
info@apexdyna.ch
www.apexdyna.ch



APEX DYNAMICS MOTION SDN BHD
TEL +60 7237 1055
No.1, Jalan Perniagaan Setia 3, Taman
Perniagaan Setia, 81100 Johor Bahru, Johor,
MALAYSIA (Setia Business Park 2 @ Iskandar
Malaysia)
sales@apexdyna.com.sg
www.apexdyna.com.sg



APEX DYNAMICS BRAZIL
TEL +55-47-30298700
Rua Senador Petrônio Portela, 47 - Bloco 5, Zona
Industrial Norte - CEP 89218-575 - Joinville (SC)
lucan@neoyama.com.br
adriano.duarte@neoyama.com.br
www.neoyama.com.br



APEX DYNAMICS ITALY
TEL +39 02.36634521
VIA E. DE AMICIS, 2 – 20091 BRESSO (MI)
info@apexdynamics.it
www.apexdynamics.it



APEX DYNAMICS, INC.

No. 10, Keyuan 3rd Rd., Situn District, Taichung City 40763, Taiwan (R.O.C.)
Tel:886-4-24650219 | Fax:886-4-24650118
sales@apexdyna.com | <http://www.apexdyna.com>

APEX-2019-04-AE/AER Series - 1.0V

Printed in Taiwan

