

Model	Speed ratio	Back lash	Weight	Rated torque at 2000r/min input		Permiss ible peak torque at start stop		Allowable MAX value of average load torque		Instantan eous MAX allowable torque		MAX allowable input speed		Allowable average input speed		Moment of Inertia	
												r/min		r/min			
		arcsec	kg	Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	Oil lubri cation	Lubricating grease lubrication	Oil lubri cation	Lubricat ing grease lubrication	X10 – ^4kgm²	X10 – ^5kgfms²
ZXS14	30:1	≤30	0.5	4	0.41	9	0.92	6.8	0.69	17	1.7	14000	8500	6500	3500	0.033	0.034
	7			0.7	23	2.3	9	0.9	46	4.7							
	10			1	30	3.1	14	1.4	61	6.2							
	10			1	36	3.7	14	1.4	70	7.2							

Note: ZXS14 has two types of shaft hole sizes: standard conventional shaft hole 8mm and keyway 3mm; Equipped with a stepper motor shaft hole of 5mm, without keyway.

ZXS17	30:1	≤30	0.65	8.8	0.9	16	1.6	12	1.2	30	3.1	10000	7300	6500	3500	0.079	0.081
	50:1			21	2.1	44	4.5	34	3.4	91	9						
	80:1			29	2.9	56	5.7	35	3.6	113	12						
	100:1			31	3.2	70	7.2	51	5.2	143	15						
	120:1			31	3.2	70	7.2	51	5.2	112	11						

Note: ZXS17 has two types of shaft hole sizes: standard conventional shaft hole 8mm and keyway 3mm; Equipped with a stepper motor shaft hole of 5mm, without keyway.

ZXS20	30:1	≤30	0.91	15	1.5	27	2.8	20	2	50	5.1	10000	6500	6500	3500	0.193	0.197
	50:1			33	3.3	73	7.4	44	4.5	127	13						
	80:1			44	4.5	96	9.8	61	6.2	165	17						
	100:1			52	5.3	107	10.9	64	6.5	191	20						
	120:1			52	5.3	113	11.5	64	6.5	191	20						

Note: ZXS20 has two types of shaft hole sizes: standard conventional shaft hole 14mm, keyway 5m; Equipped with 8mm stepper motor shaft hole, without keyway.

ZXS25	30:1	≤30	1.44	27	2.8	50	5.1	38	3.9	95	9.7	7500	5600	5600	3500	0.413	0.421
	50:1			51	5.2	127	13	72	7.3	242	25						
	80:1			82	8.4	178	18	113	12	332	34						
	100:1			87	8.9	204	21	140	14	369	38						
	120:1			87	8.9	217	22	140	14	395	40						

Note: ZXS25 has two types of shaft hole sizes: standard conventional shaft hole 14mm and keyway 5mm; Equipped with 8mm stepper motor shaft hole, without keyway.

ZXS32	30:1	≤30	3	54	5.5	100	10	75	7.7	200	20	7000	4800	4600	3500	1.69	1.72
	50:1			99	10	281	29	140	14	497	51						
	80:1			153	16	395	40	217	22	738	75						
	100:1			178	18	433	44	281	29	841	86						
	120:1			178	18	459	47	281	29	892	91						
	160:1			178	18	484	49	281	29	892	91						

Note: ZXS32 has two types of shaft hole sizes: standard conventional shaft hole 19mm and keyway 6mm; Equipped with a stepper motor shaft hole of 14mm and a keyway of 5mm.

Model	Rasio kecepatan	Backlash	Berat	Nilai torsi pada 2000r/min input		Torsi puncak diizinkan di berhenti awal		Nilai maks yang diizinkan dari torsi beban rata-rata		Torsi instan maks yang diizinkan		Kecepatan input maks yang diizinkan		Kecepatan input rata-rata yang diizinkan		Momen inersia	
		Arcsec	Kg	Nm	Kgfm	Nm	Kgfm	Nm	Kgfm	Nm	Kgfm	R/min		R/min		$\times 10^{-4}$ kgm ²	$\times 10^{-5}$ kg FMS ²
ZXS40	50:1	≤30	4.54	178	18	523	53	255	26	892	91	5600	4000	3600	3000	4.5	4.59
	80:1			268	27	675	69	369	38	1270	130						
	100:1			345	35	738	75	484	49	1400	143						
	120:1			382	39	802	82	586	60	1530	156						
	160:1			382	39	841	86	586	60	1530	156						

Catatan: ZXS40 memiliki dua jenis ukuran lubang poros: lubang poros konvensional standar 19mm dan lubang kunci 6mm; Lubang poros tidak konvensional 22mm, keyway 8mm.

ZXS45	50:1	≤30	6.7	229	23	650	66	345	35	1235	126	5000	3800	3300	3000	8.68	8.86
	80:1			407	41	918	94	507	52	1651	168						
	100:1			459	47	982	100	650	66	2041	208						
	160:1			523	53	1147	117	819	84	2483	253						

Catatan: ZXS45 memiliki dua jenis ukuran lubang poros: lubang poros konvensional standar 19mm dan kunci 6mm; Lubang poros tidak konvensional 22mm, keyway 8mm.

ZXS50	100:1	≤30	15	611	62	1274	130	866	88	2678	273	4500	3500	3000	2500	12.5	12.8
	160:1			688	70	1534	156	1096	112	3185	325						

Catatan: ZXS50 memiliki dua jenis ukuran lubang poros: lubang poros konvensional standar 19mm dan lubang kunci 6mm; Lubang poros tidak konvensional 22mm, keyway 8mm.

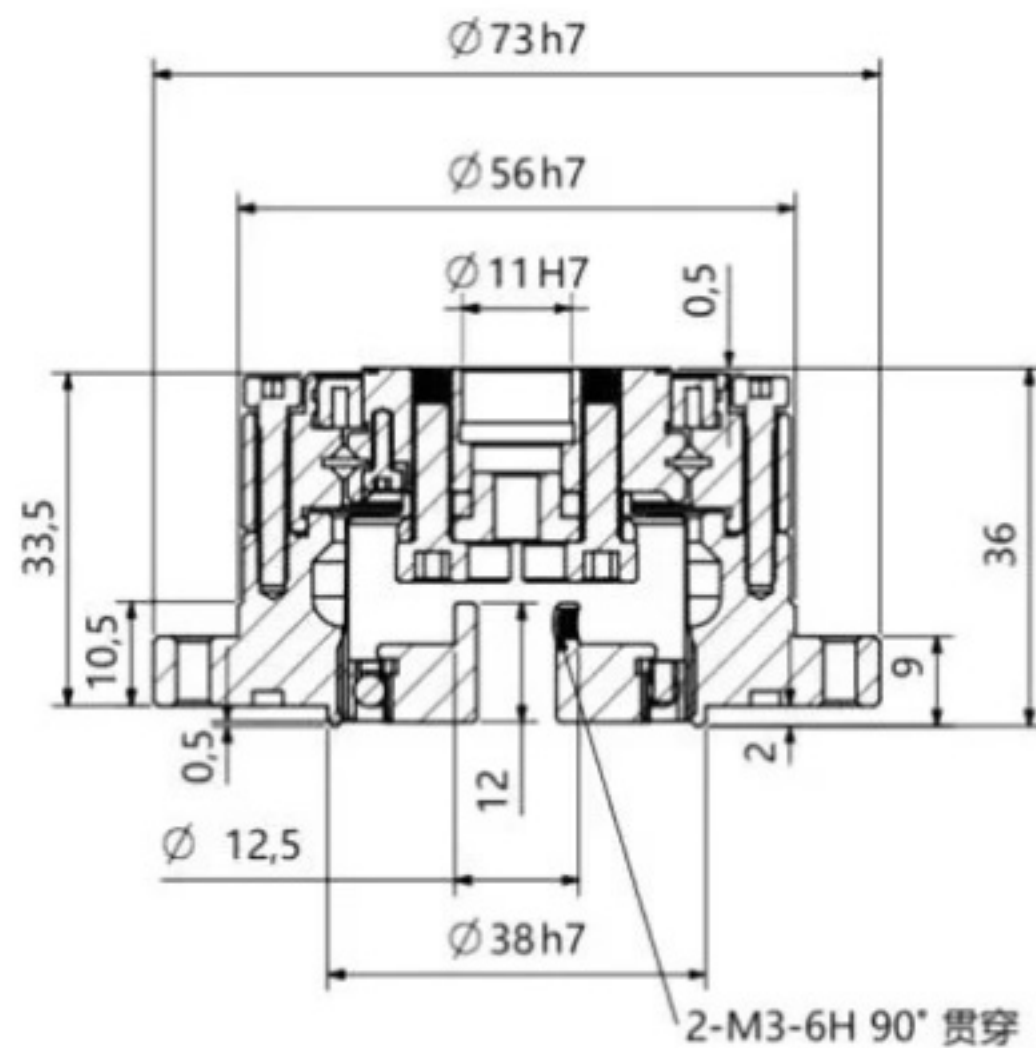
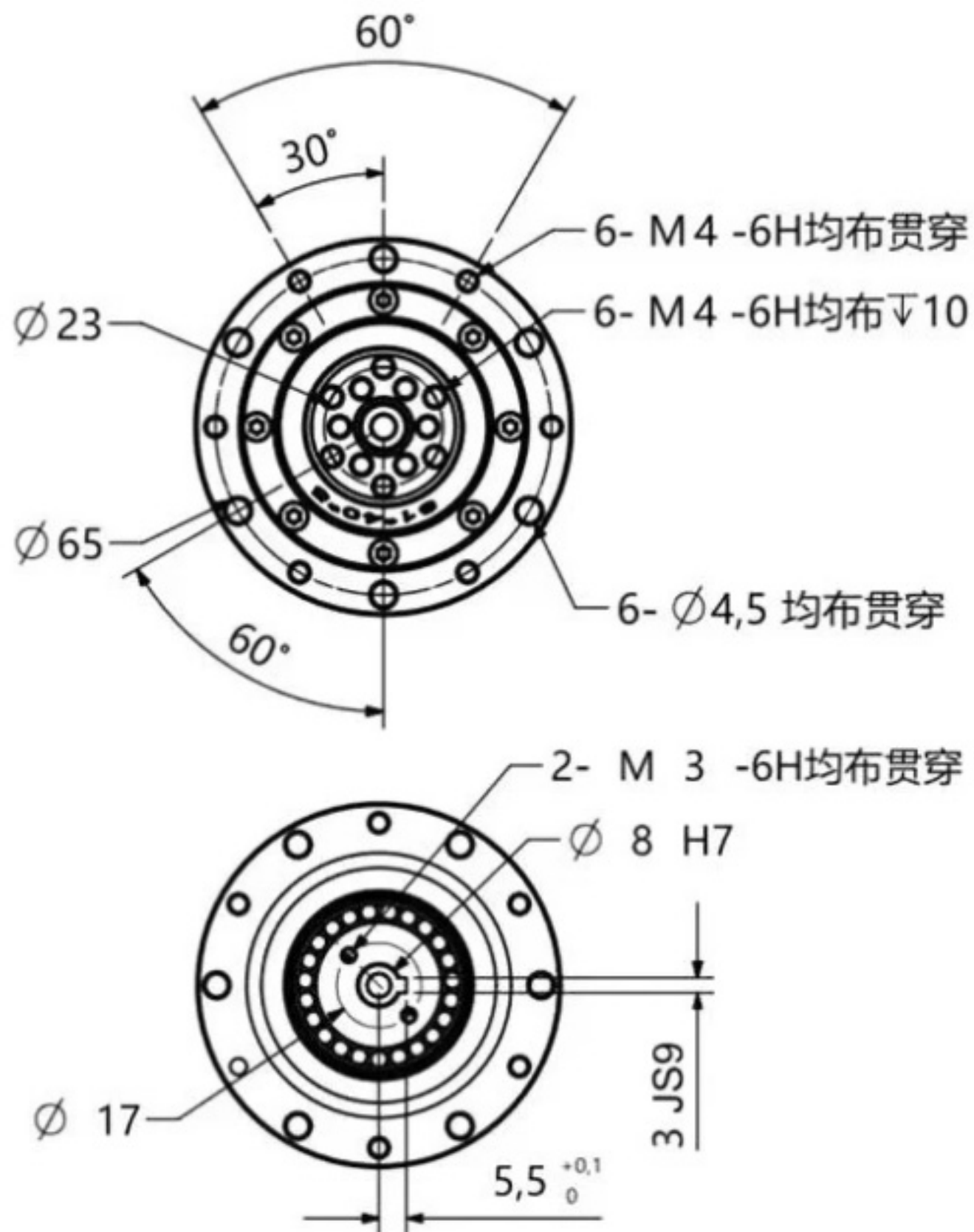
ZXS58	100:1	≤30	17	905	92	2067	211	1378	141	4134	422	4000	3000	2700	2200	27.3	27.9
	160:1			969	99	2392	244	1573	160	4459	455						

Catatan: ZXS58 memiliki dua jenis ukuran lubang poros: lubang poros konvensional standar 19mm dan lubang kunci 6mm; Lubang poros tidak konvensional 22mm, keyway 8mm.

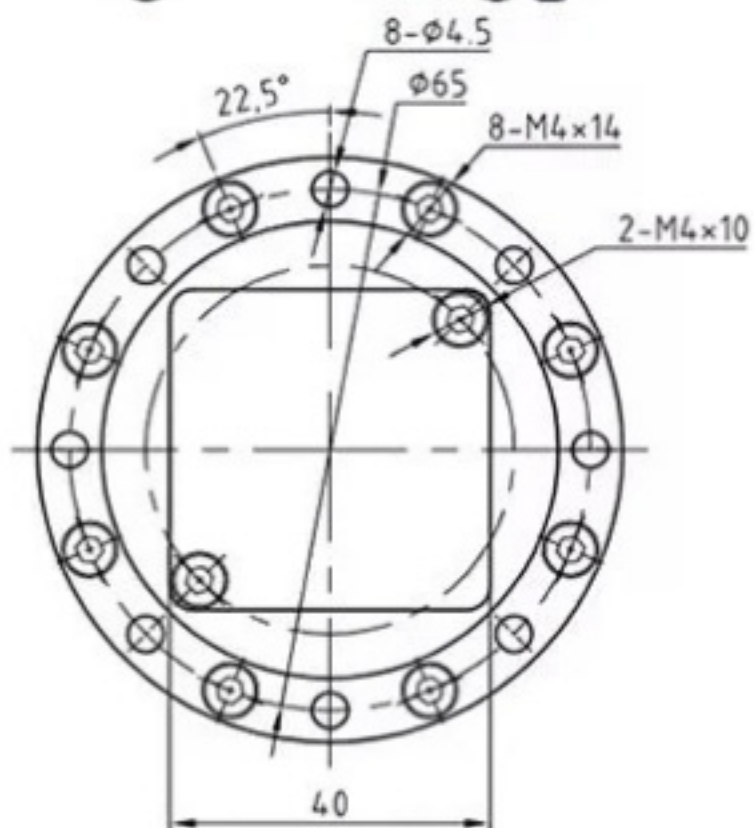
ZXS65	100:1	≤30	20	1236	126	2990	305	1976	202	6175	630	3500	2800	2400	1900	46.8	47.8
	160:1			1236	126	3419	349	2041	208	6175	630						

Catatan: ZXS65 memiliki dua jenis ukuran lubang poros: lubang poros konvensional standar 19mm dan lubang kunci 6mm; Lubang poros tidak konvensional 22mm, keyway 8mm.

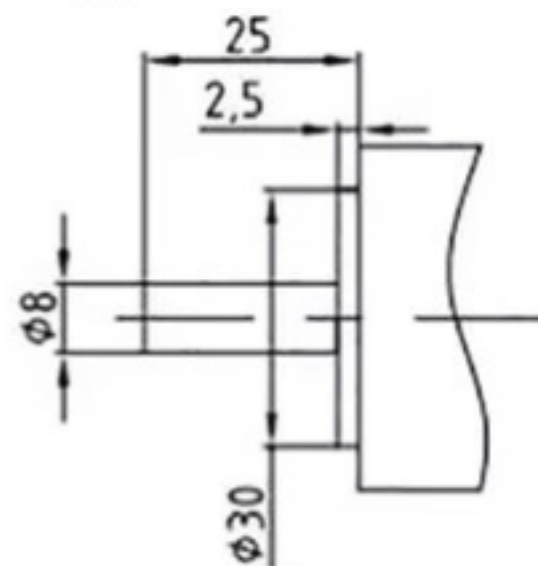
ZXS14 Harmonic Reducer



Motor flange mounting plate

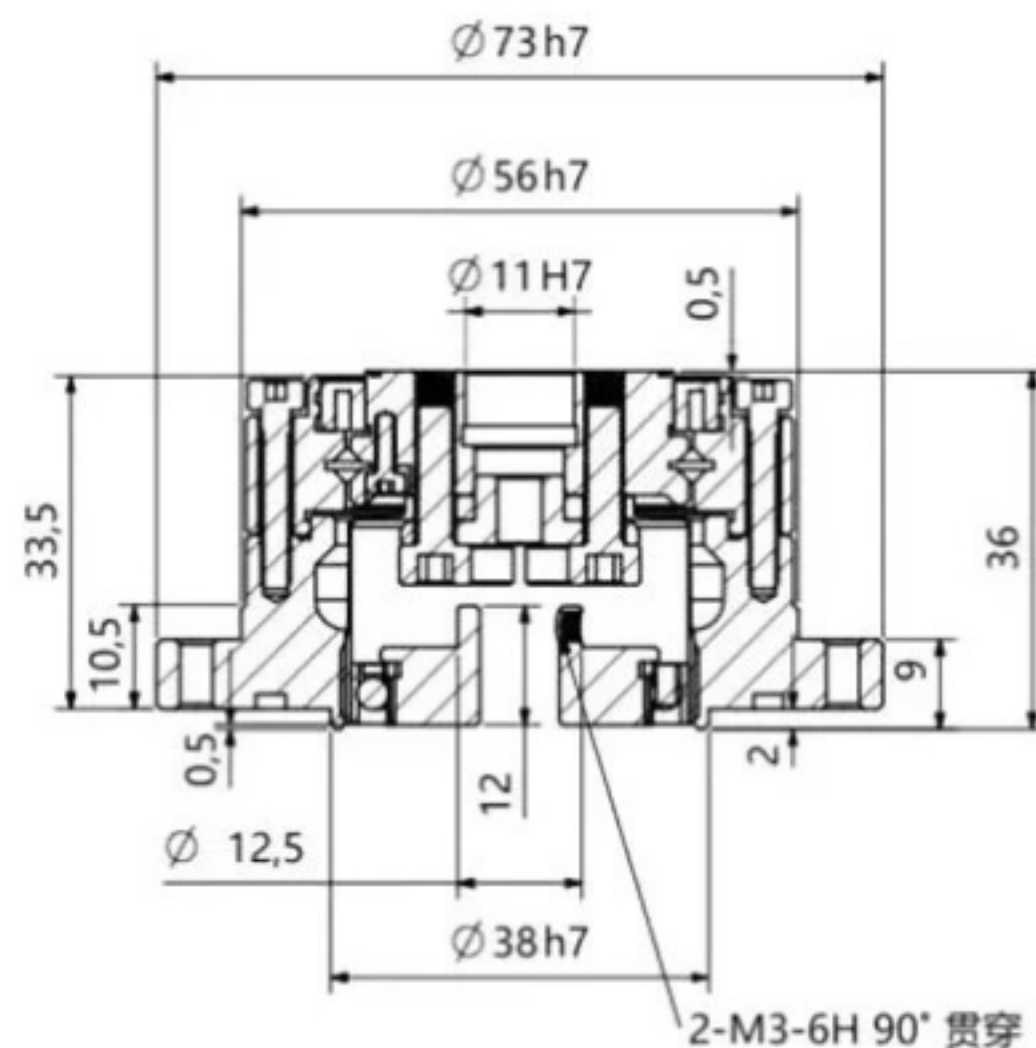
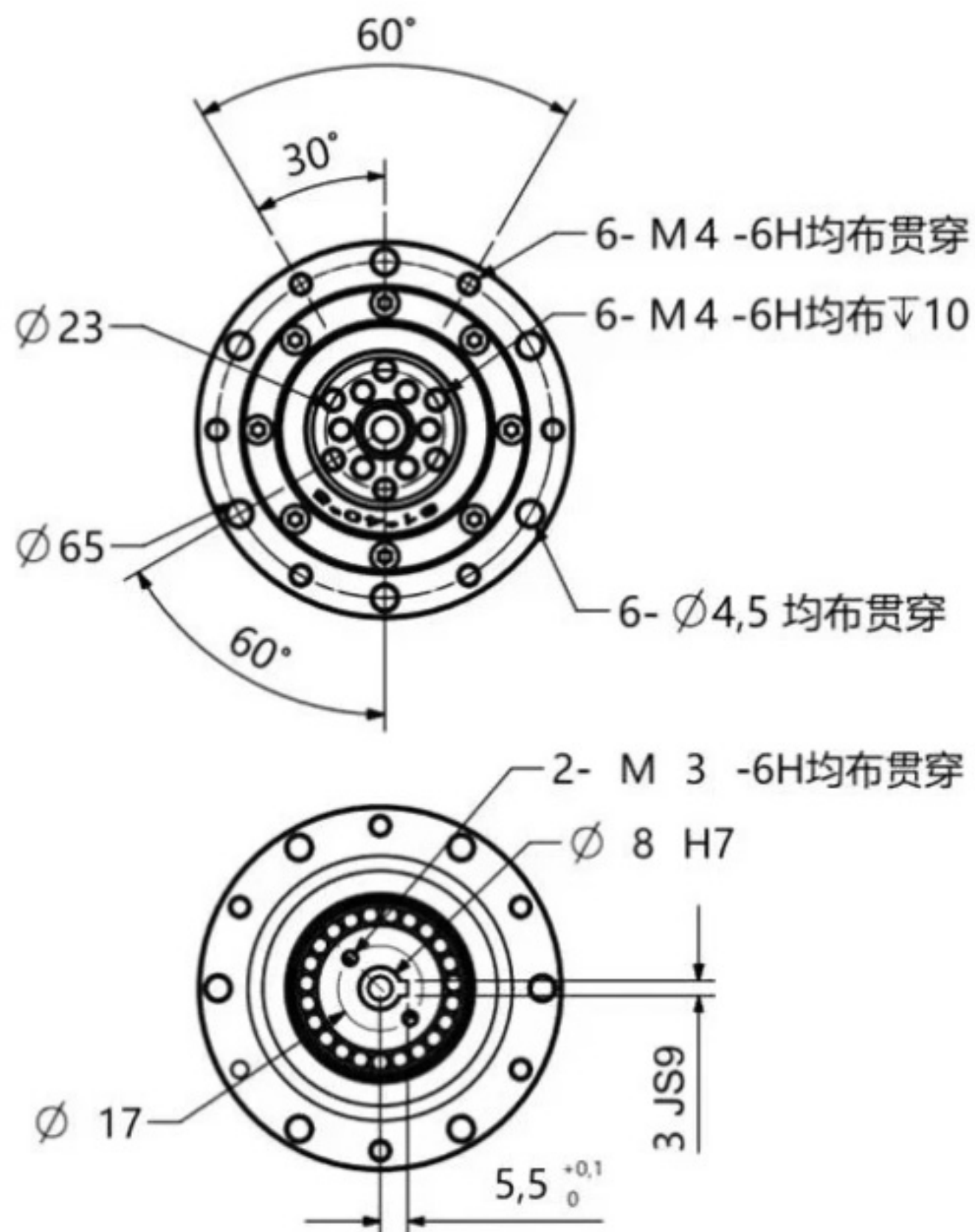


Adapted motor size

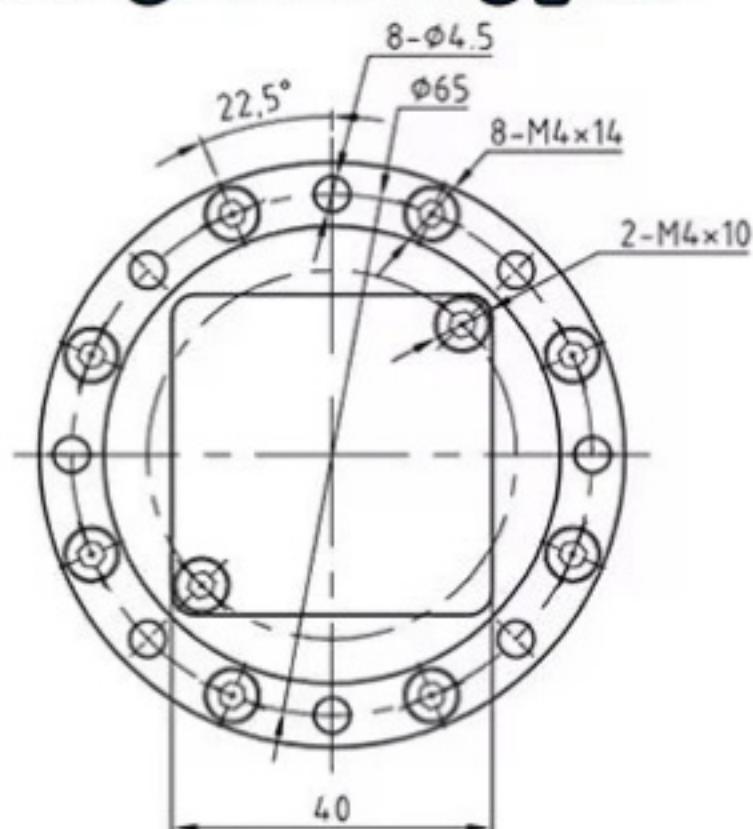


**For 100W 40mm
Flange Servo Motor**

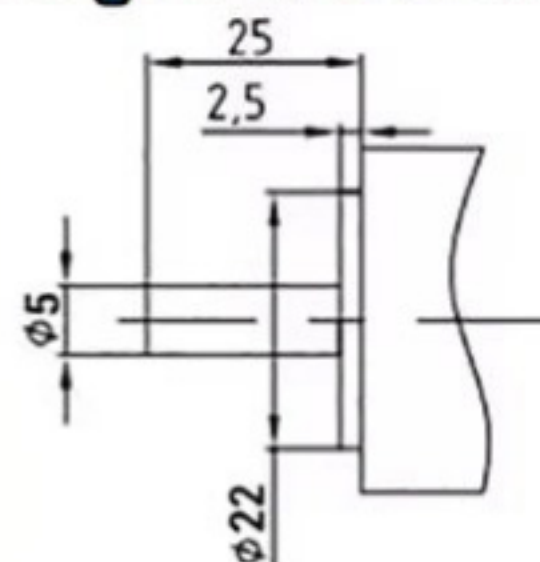
ZXS14 Harmonic Reducer



Motor flange mounting plate

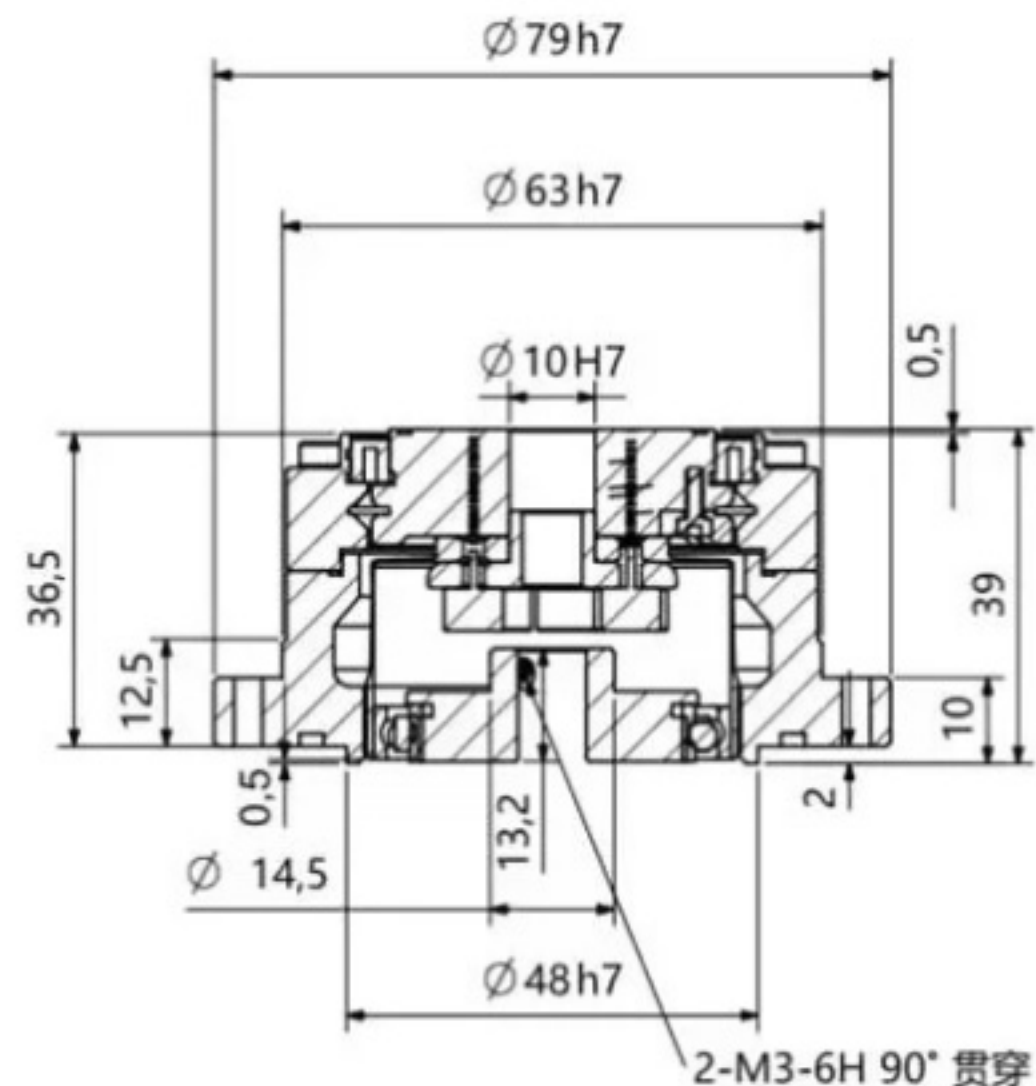
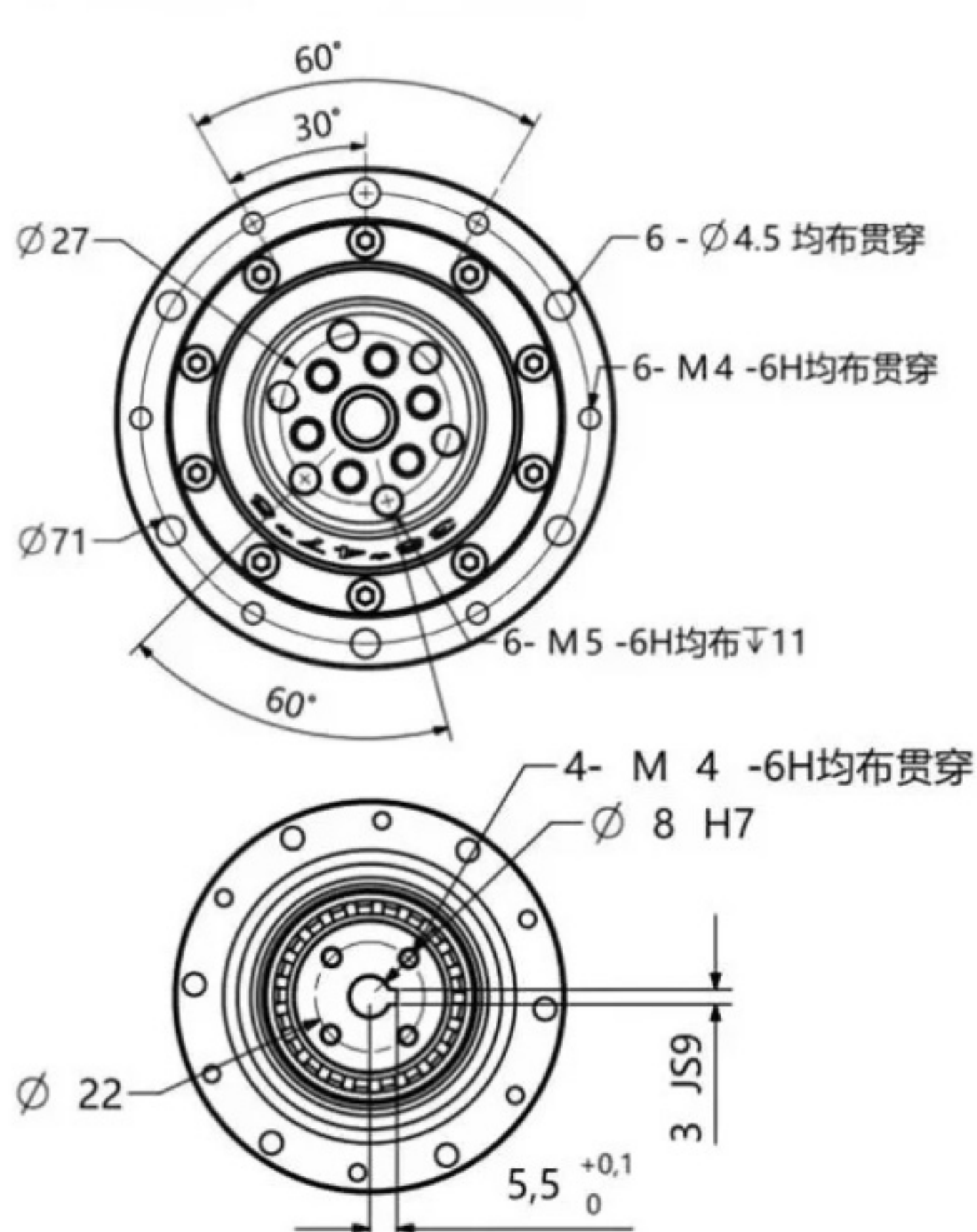


Adapted motor size

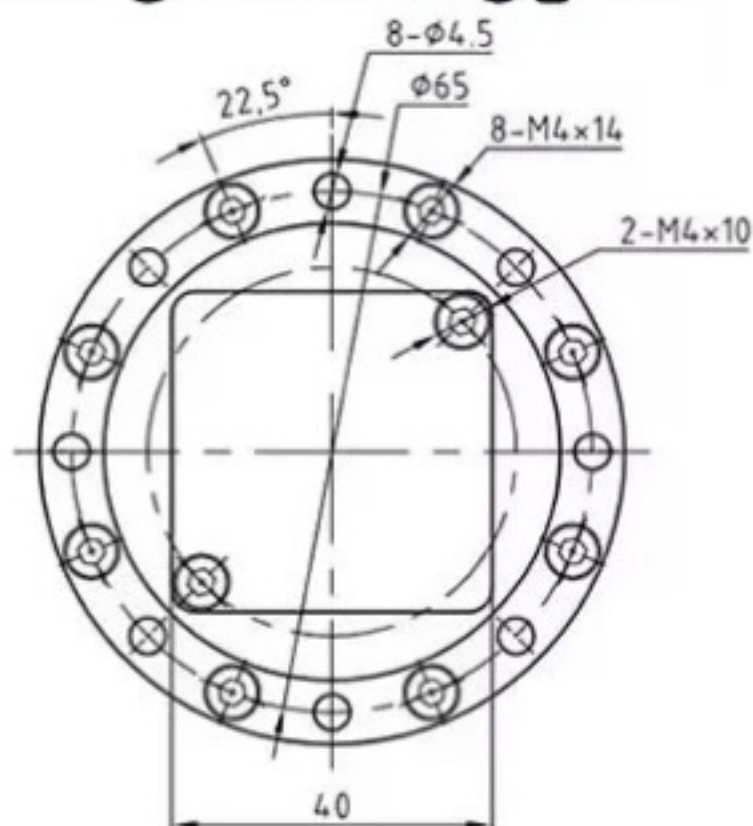


**For Nema 17 42mm
Flange Stepper Motor**

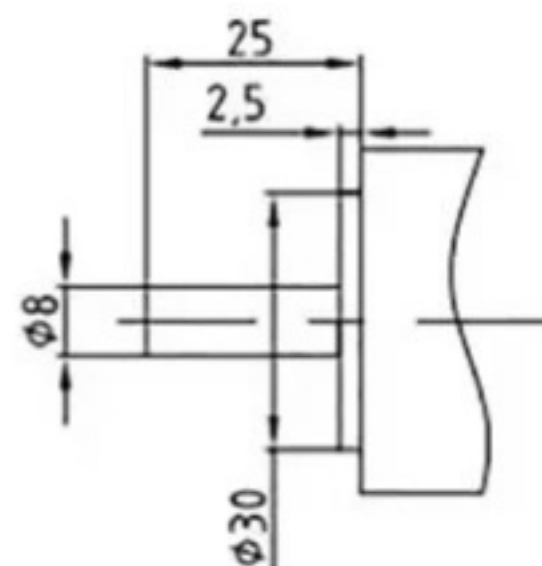
ZXS17 Harmonic Reducer



Motor flange mounting plate

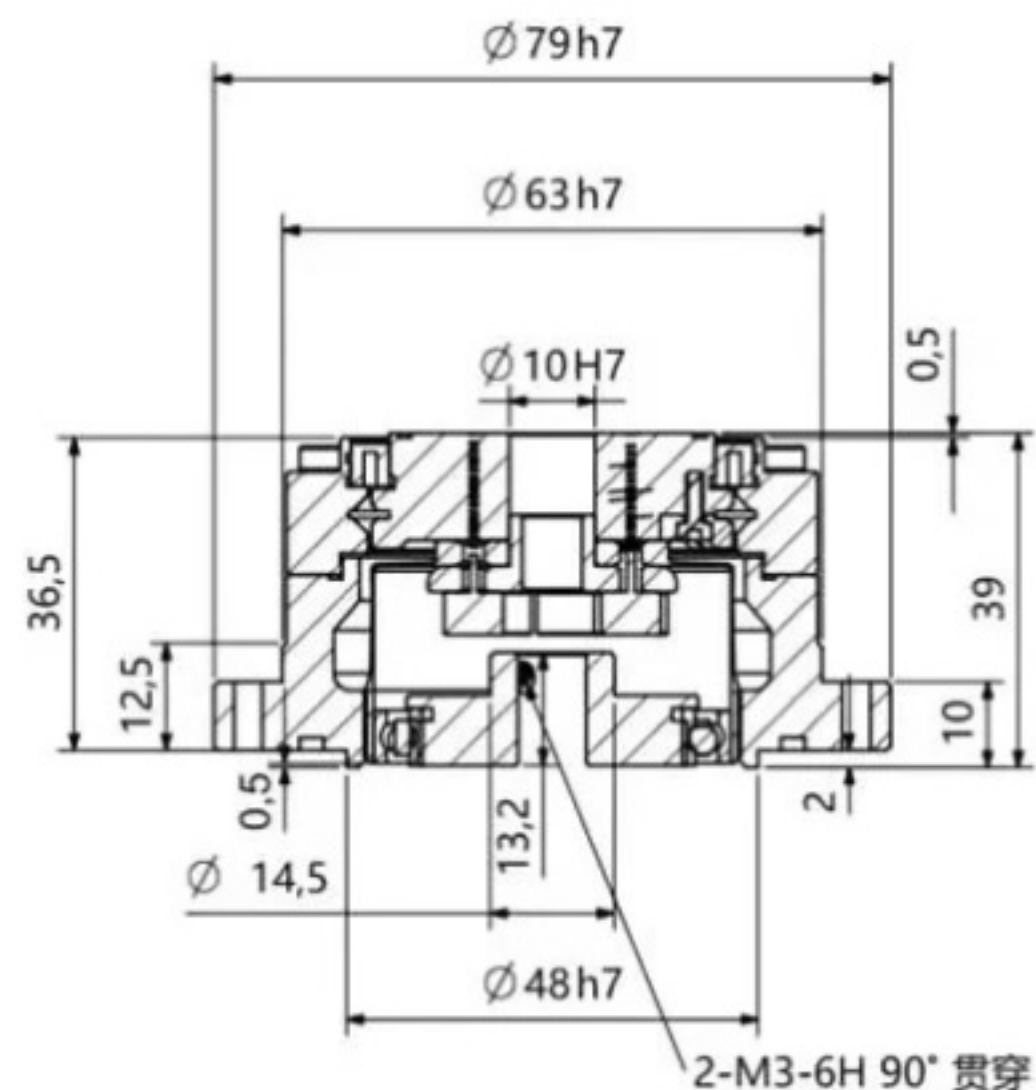
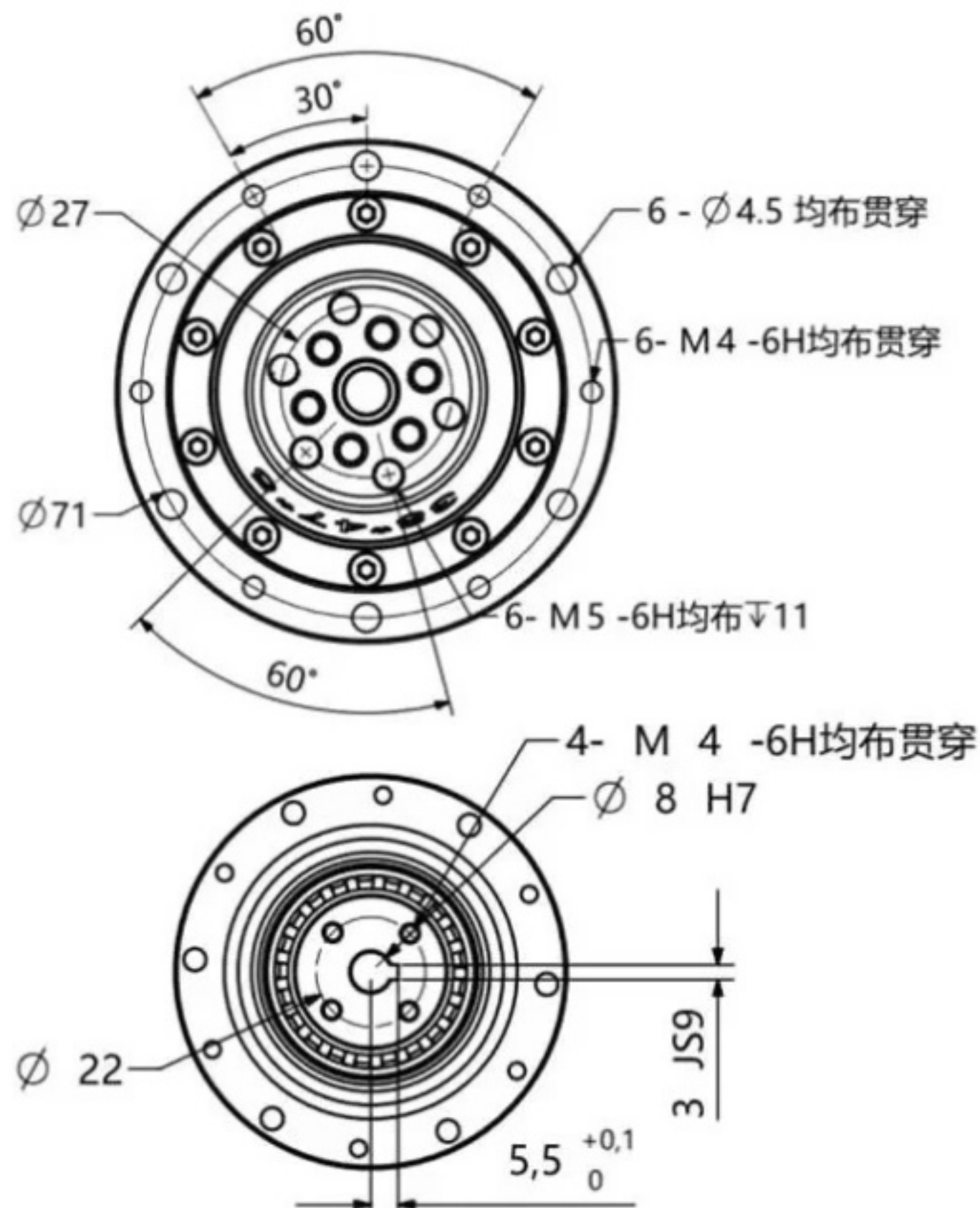


Adapted motor size

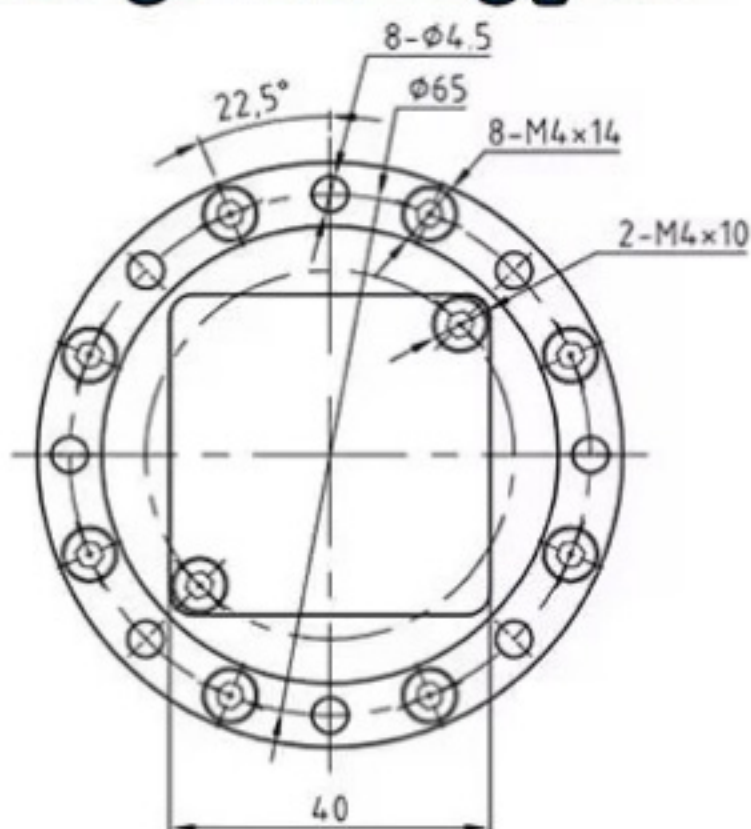


**For 100W 40mm
Flange Servo Motor**

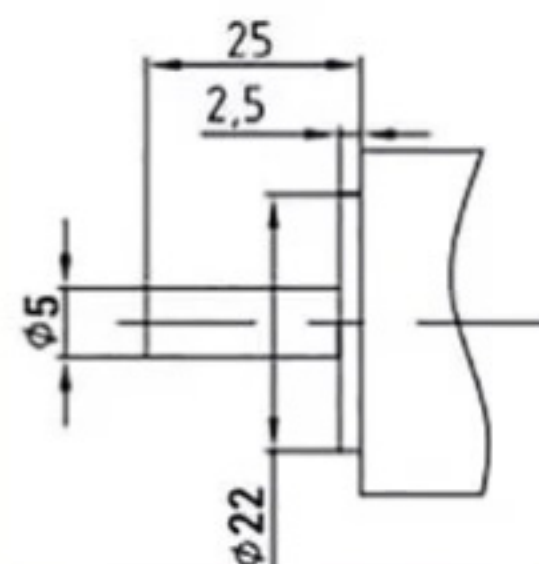
ZXS17 Harmonic Reducer



Motor flange mounting plate

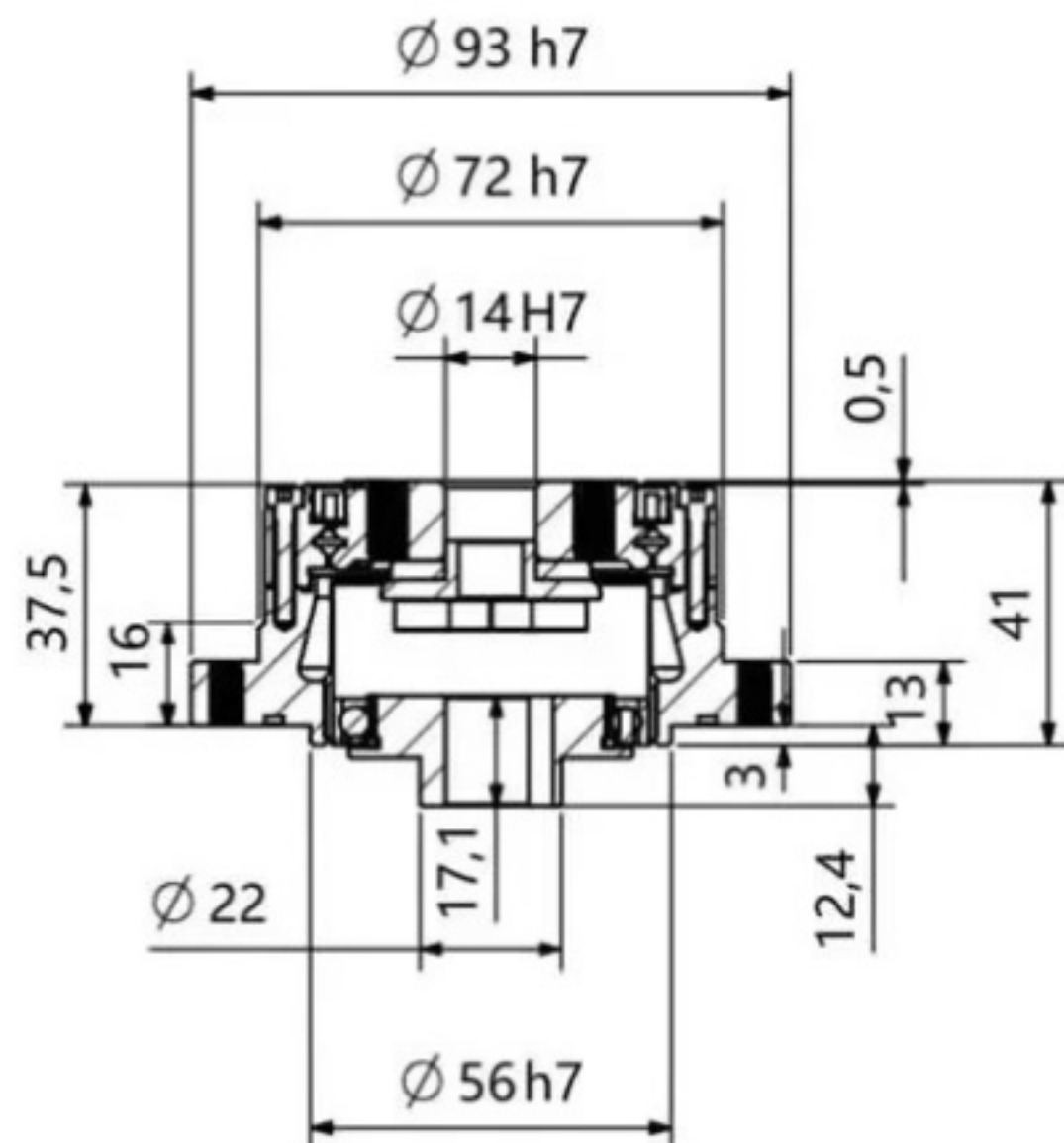
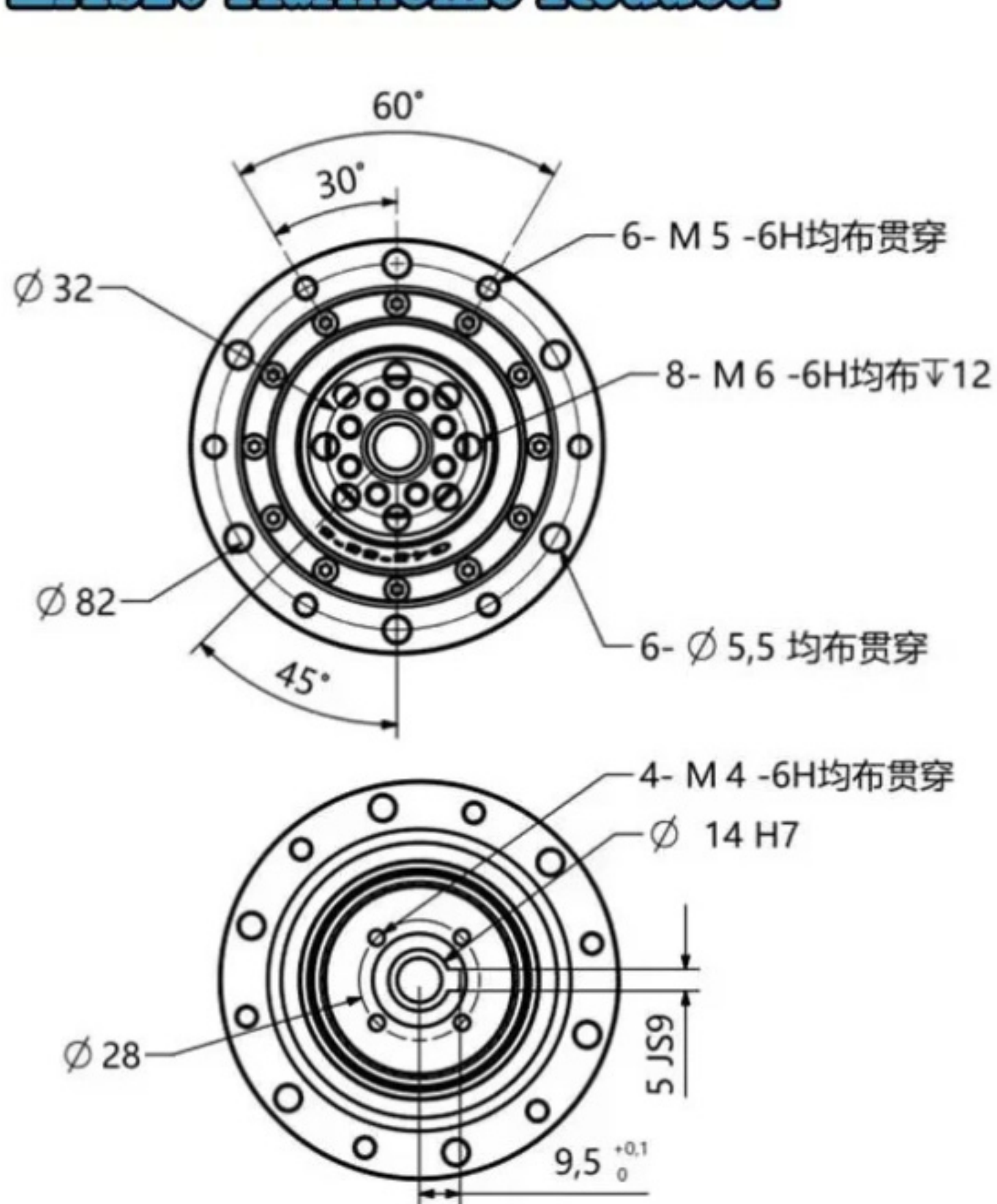


Adapted motor size

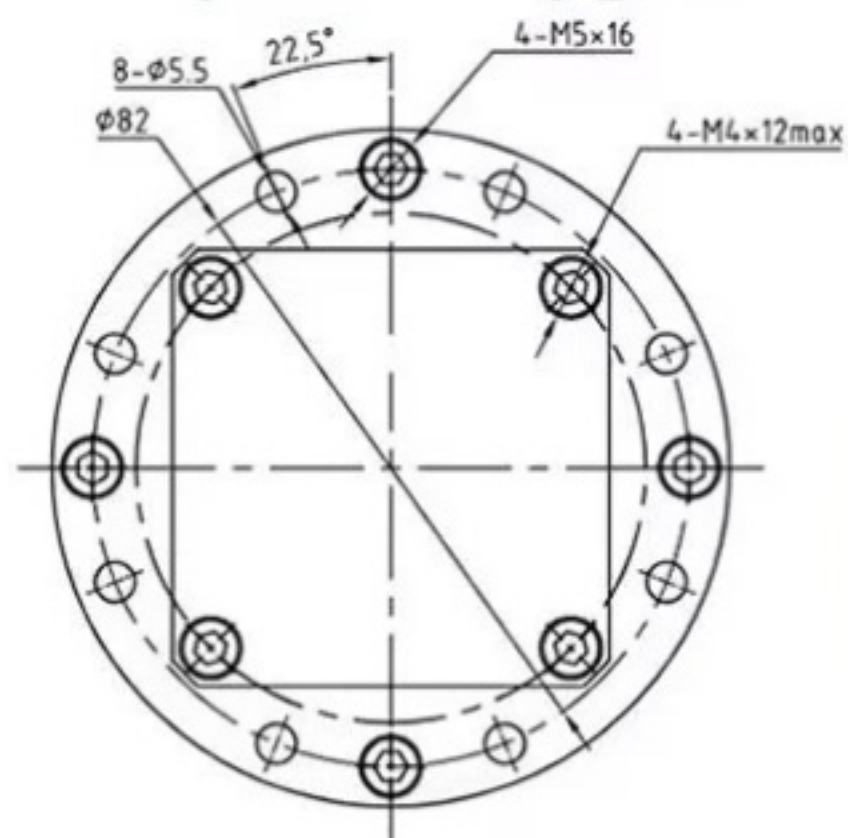


For Nema 17 42mm
Flange Stepper Motor

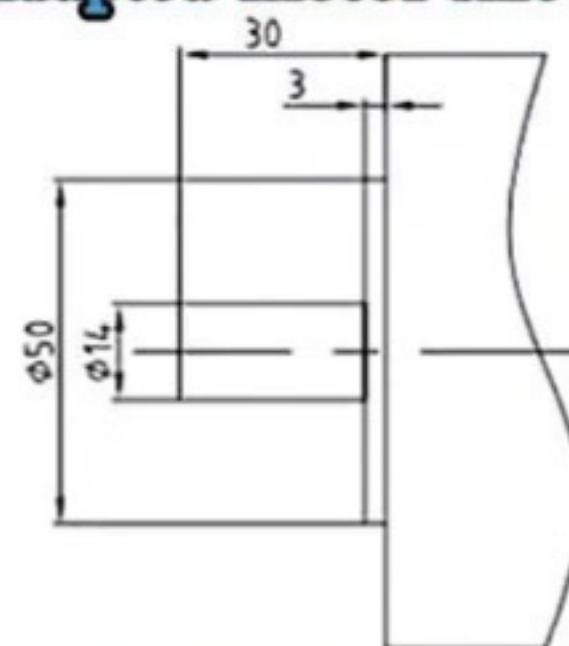
ZXS20 Harmonic Reducer



Motor flange mounting plate

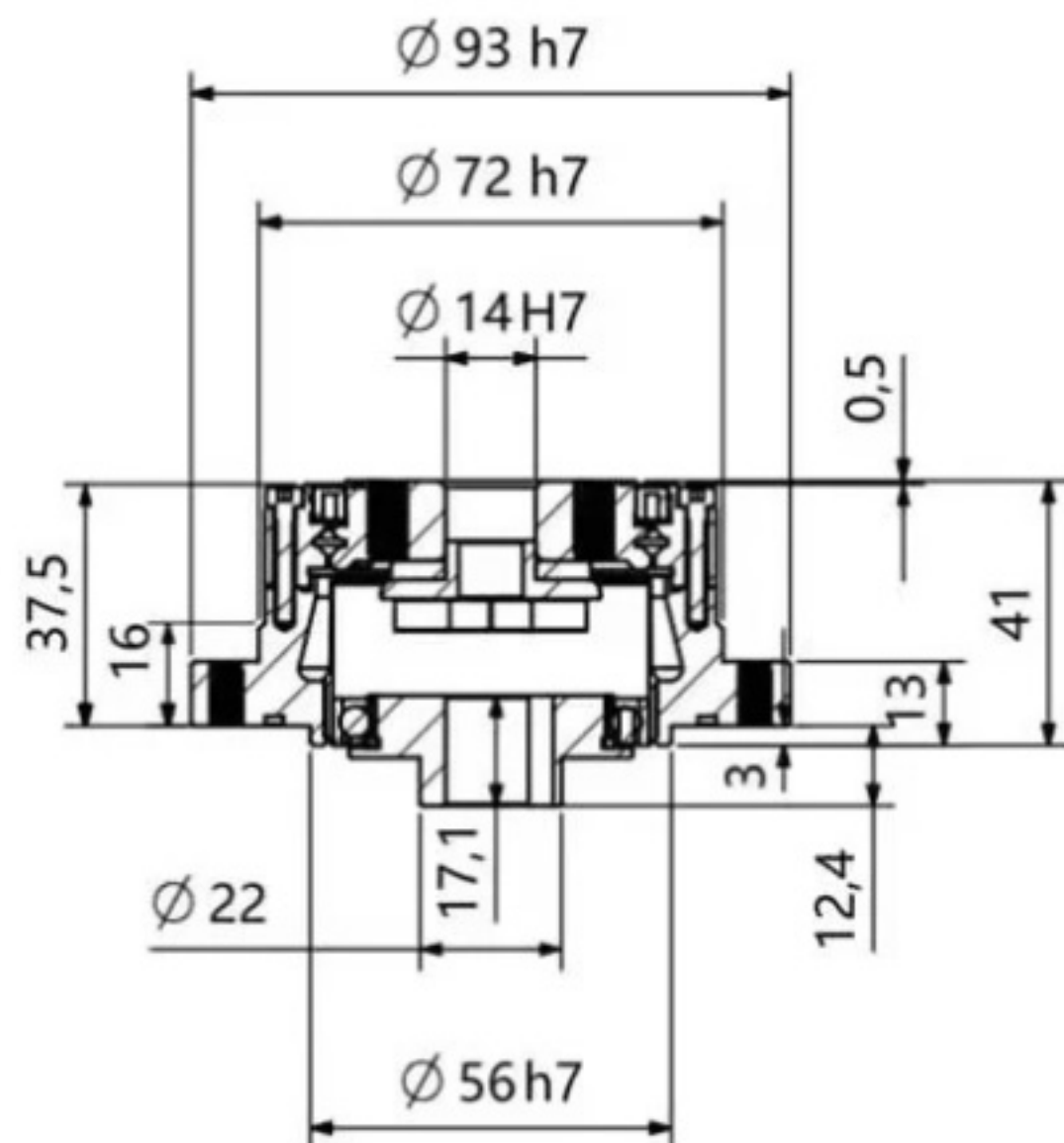
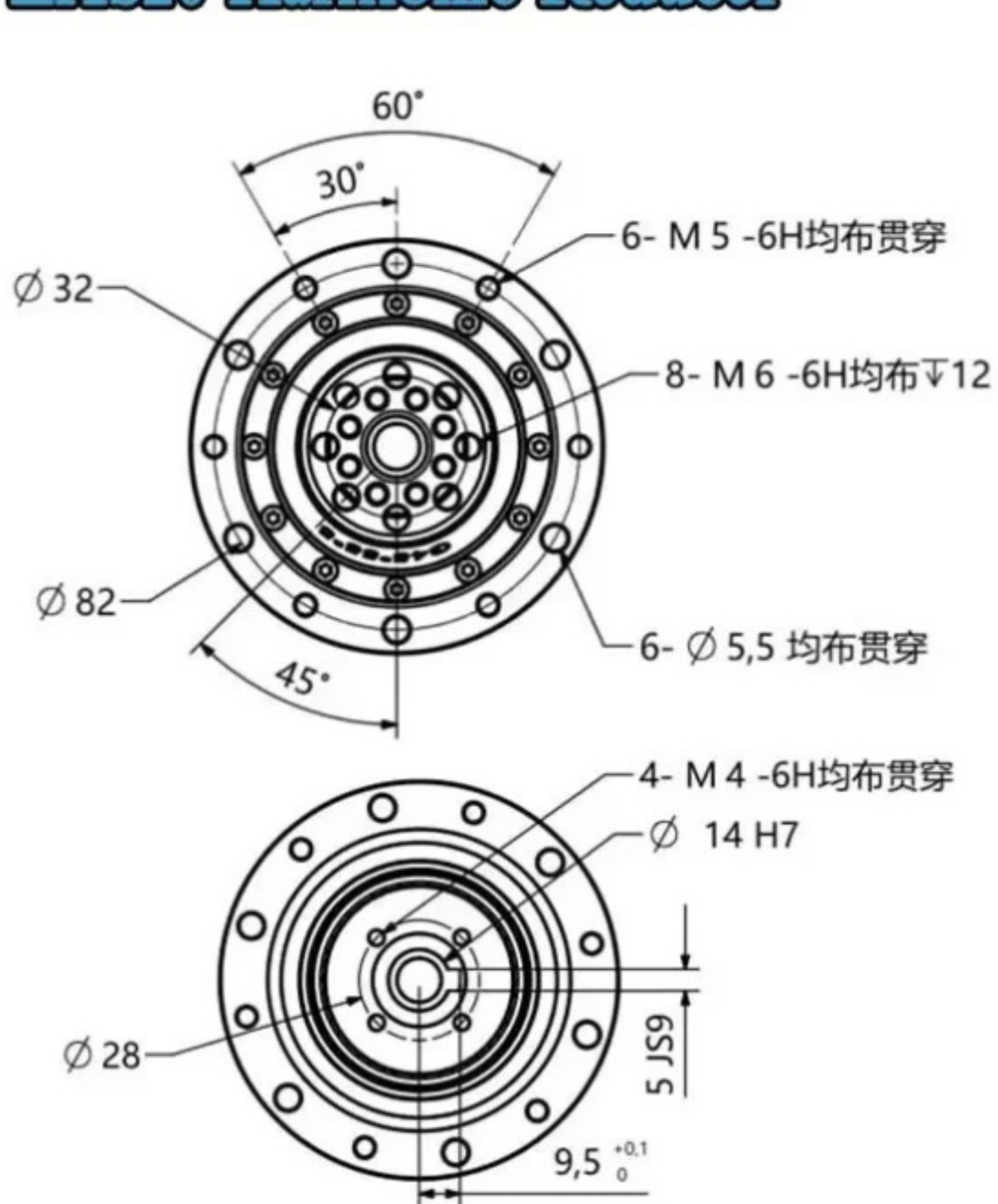


Adapted motor size

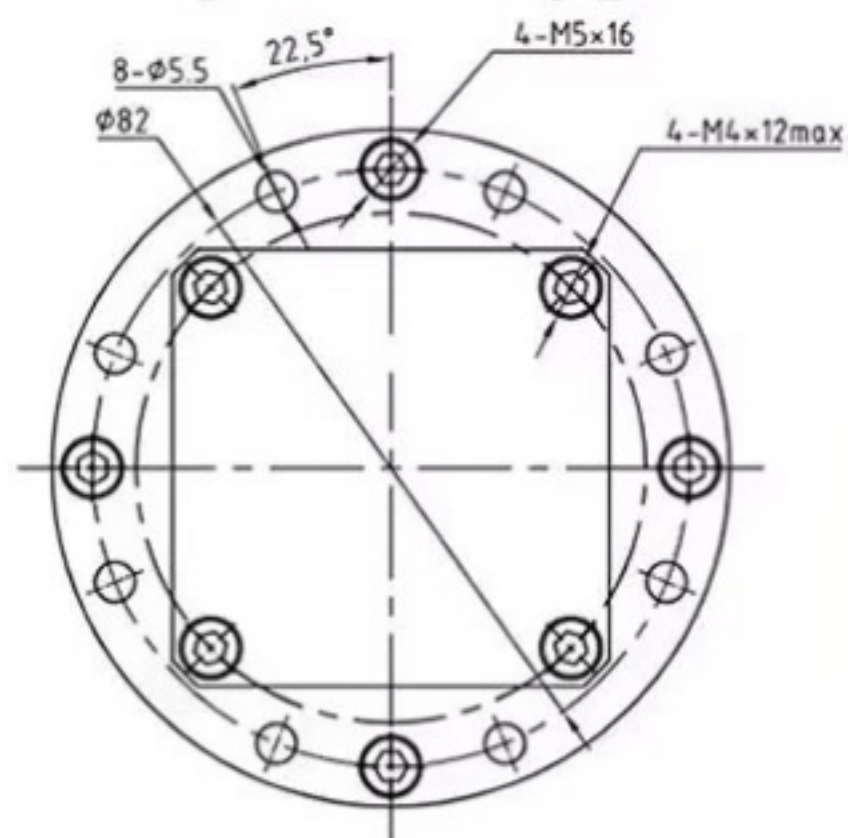


For 60mm Flange
Servo Motor

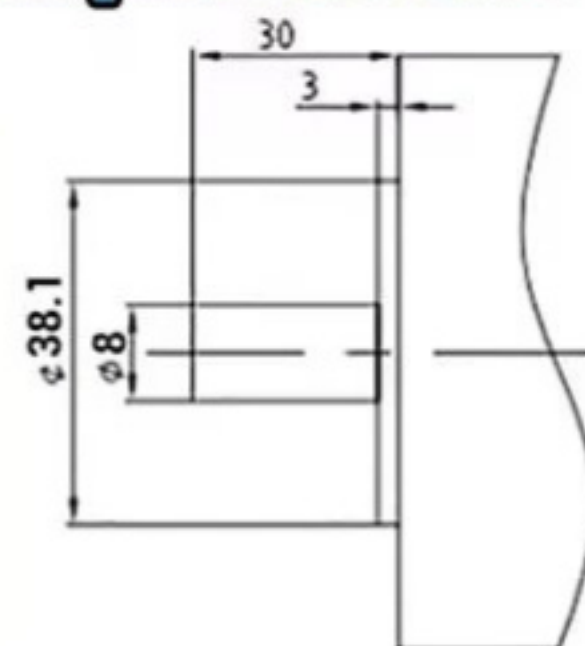
ZXS20 Harmonic Reducer



Motor flange mounting plate

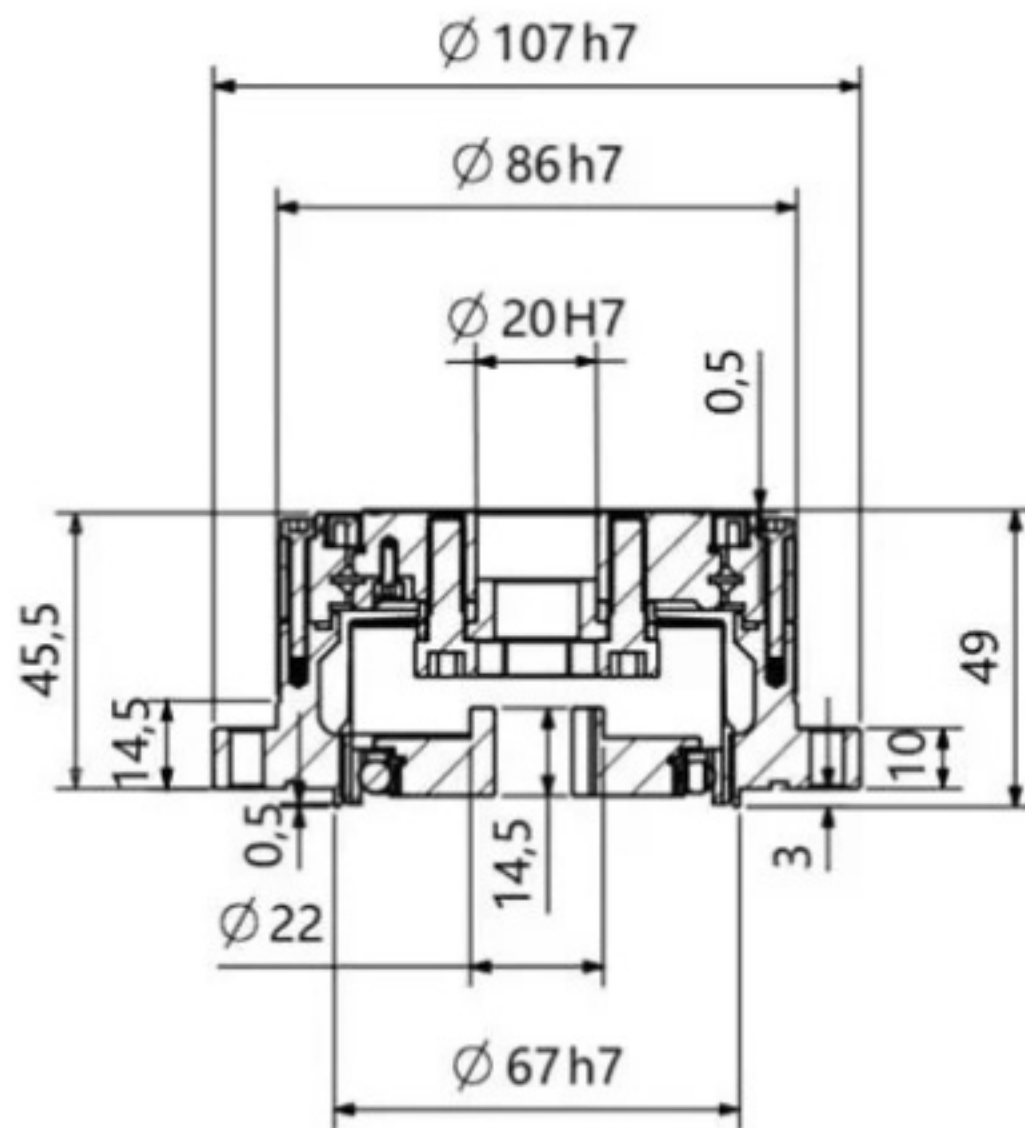
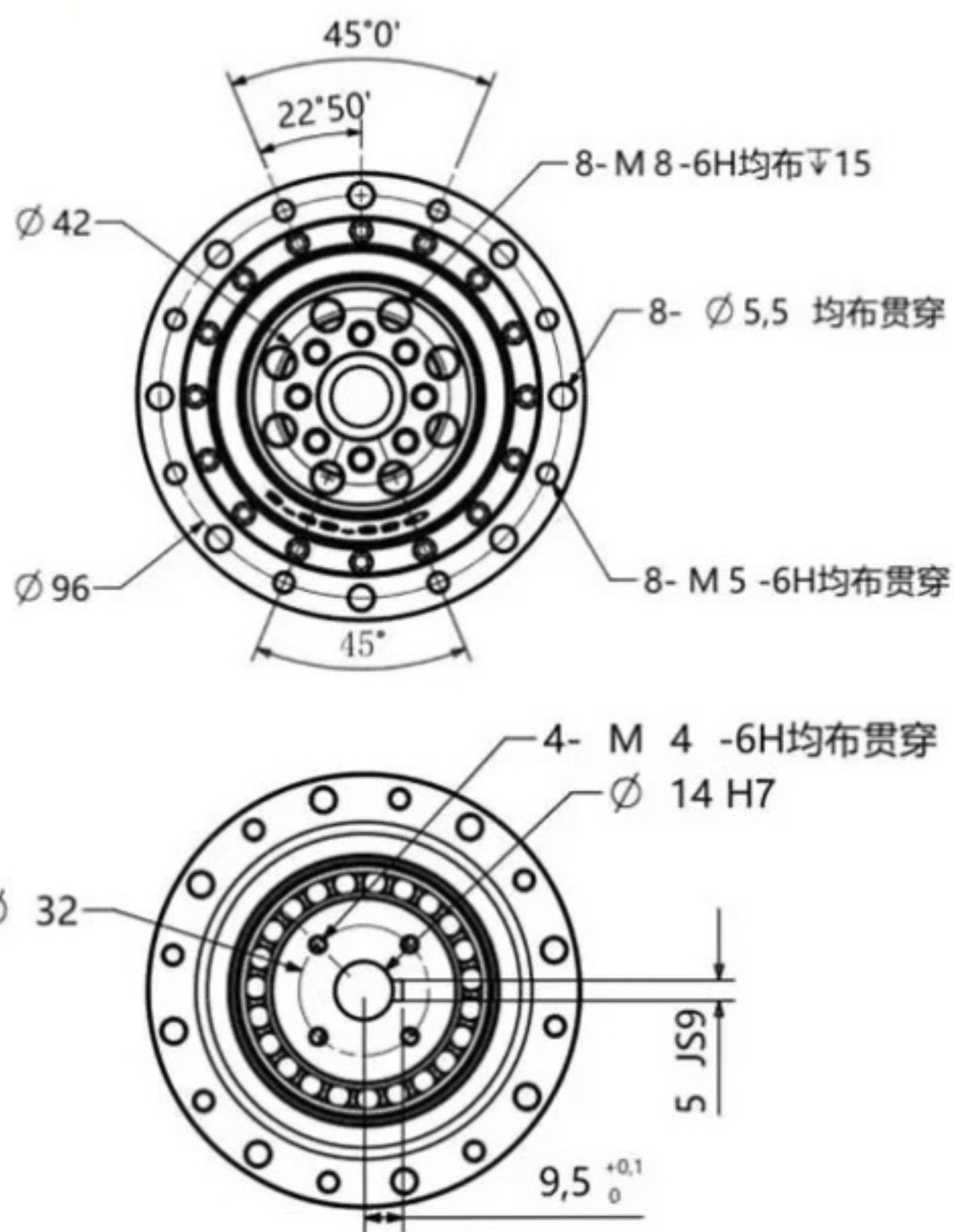


Adapted motor size

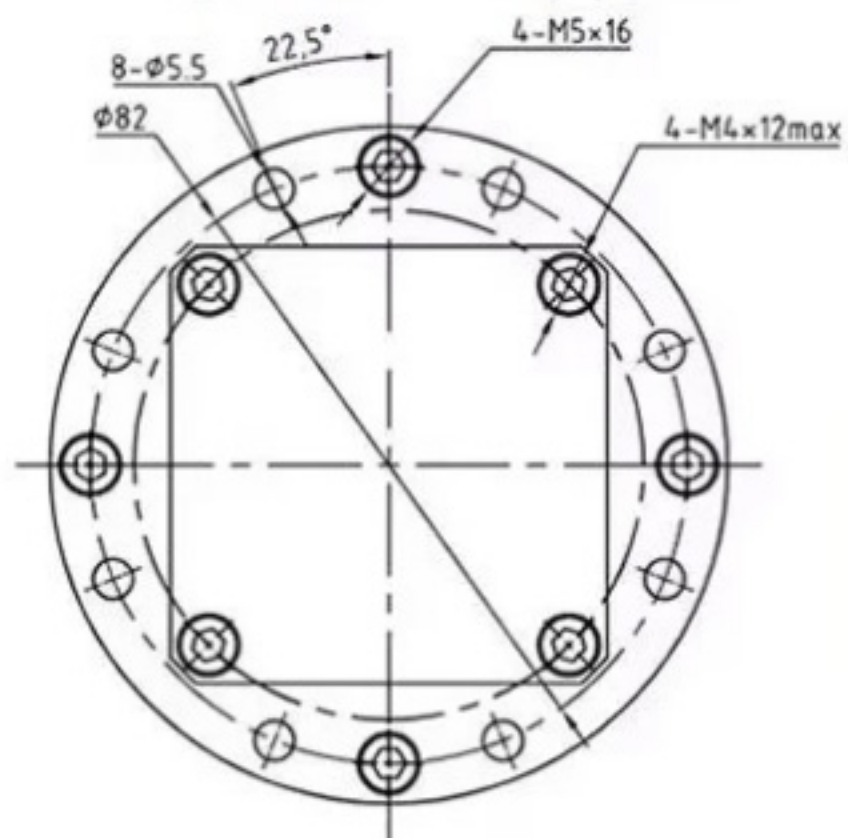


For Nema 23 57mm
Flange Stepper Motor

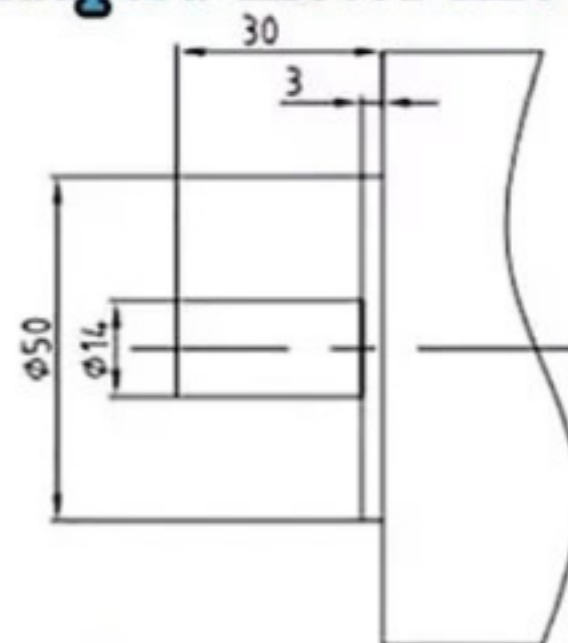
ZXS25 Harmonic Reducer



Motor flange mounting plate

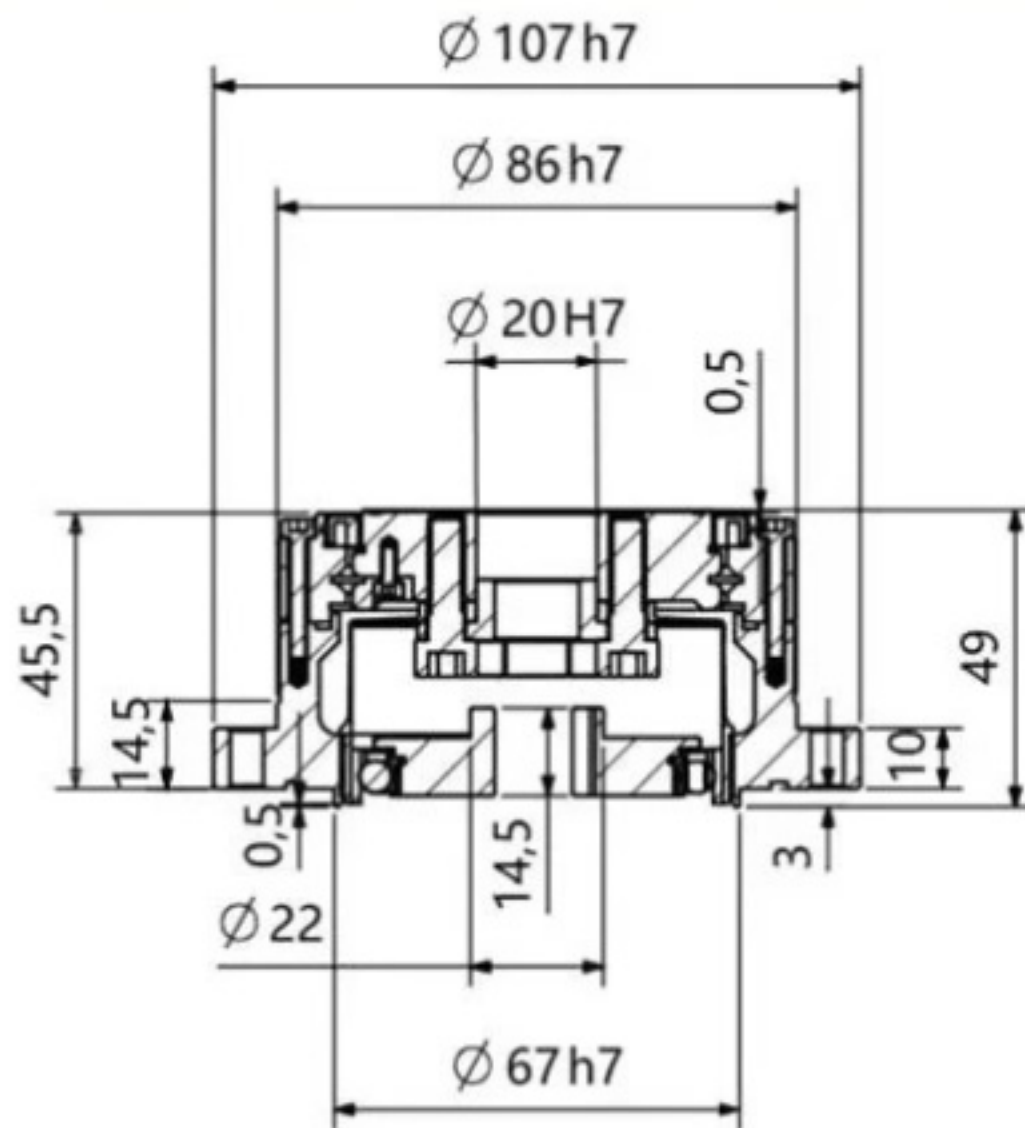
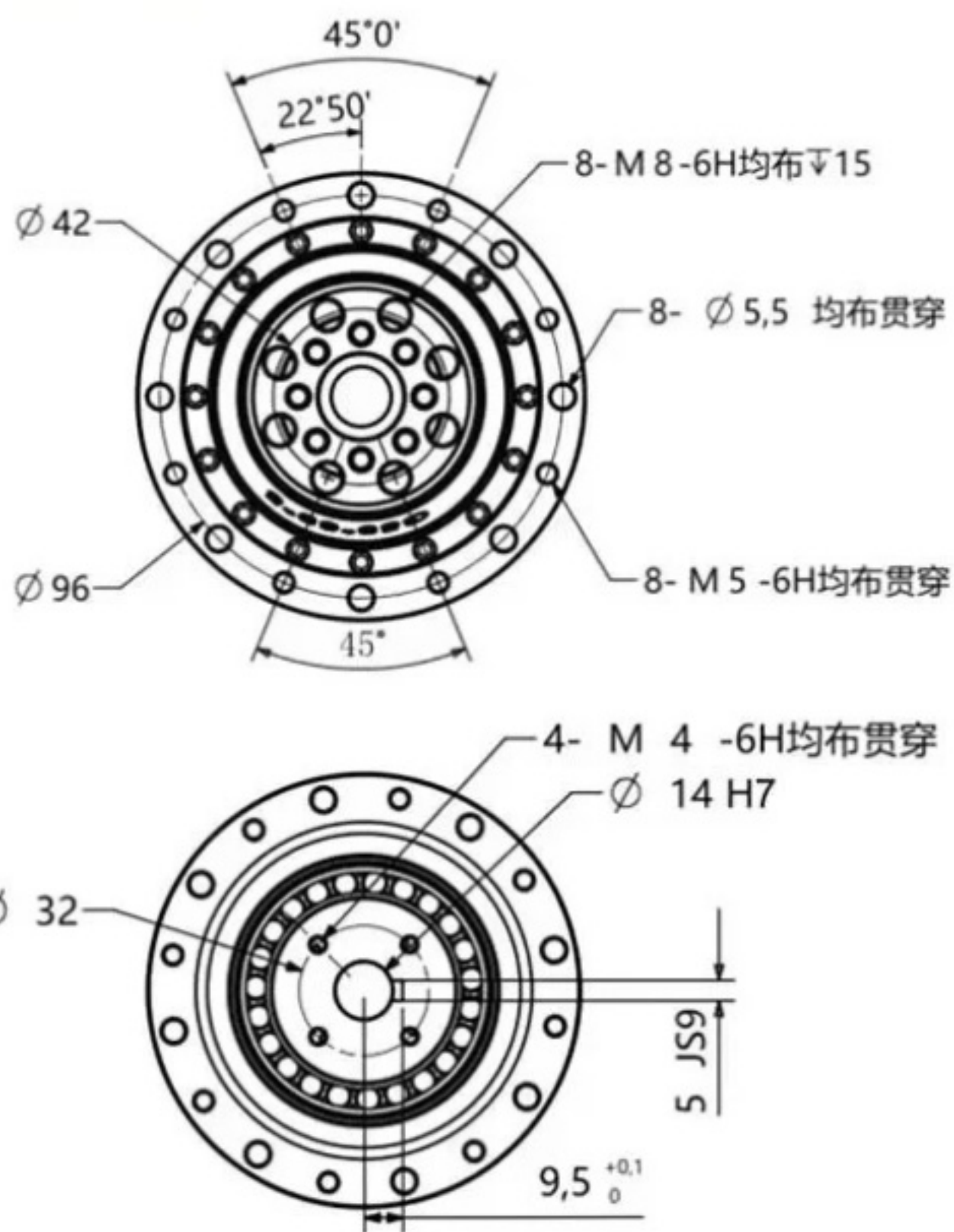


Adapted motor size

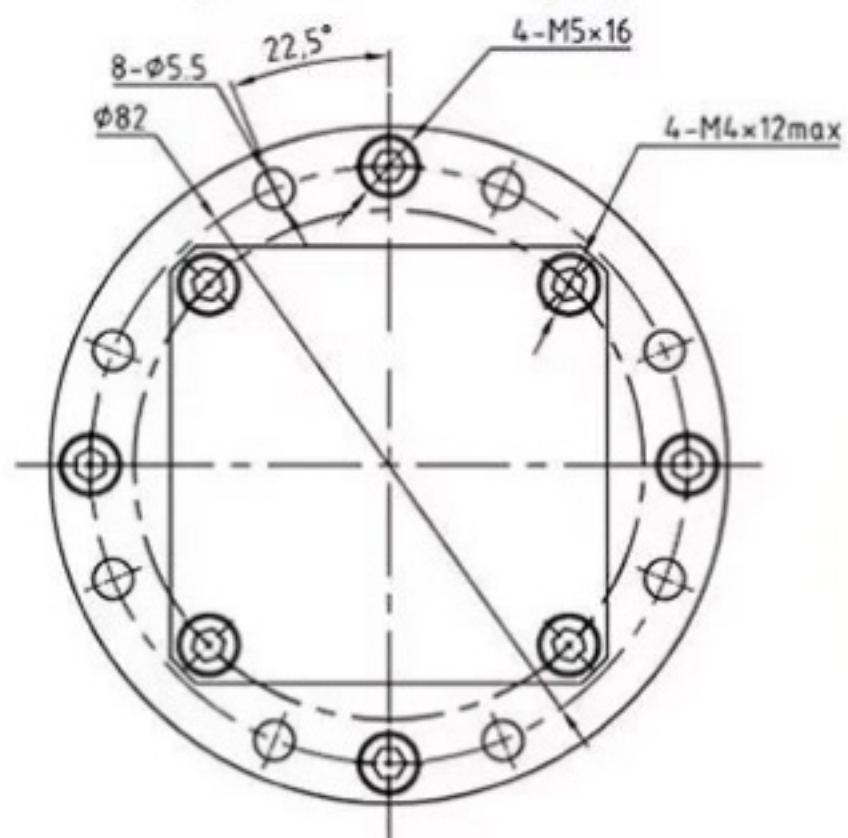


For 60mm Flange Servo Motor

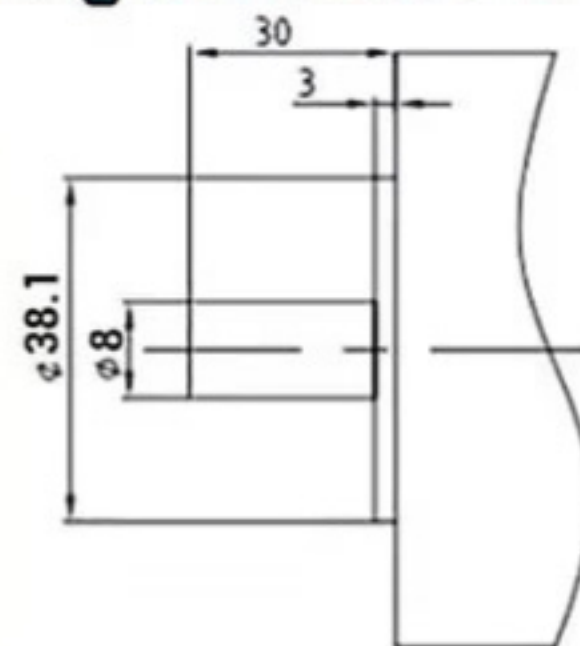
ZXS25 Harmonic Reducer



Motor flange mounting plate

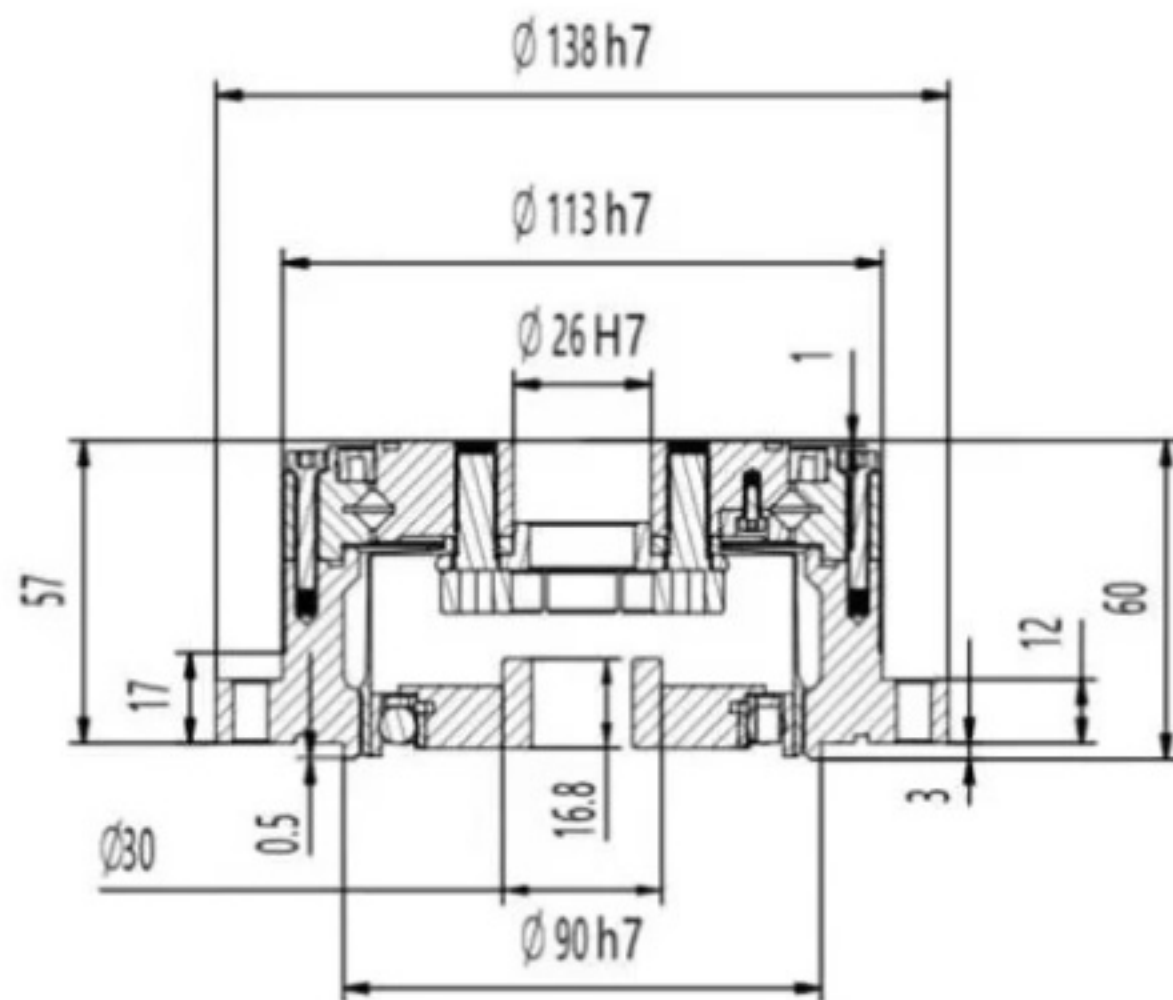
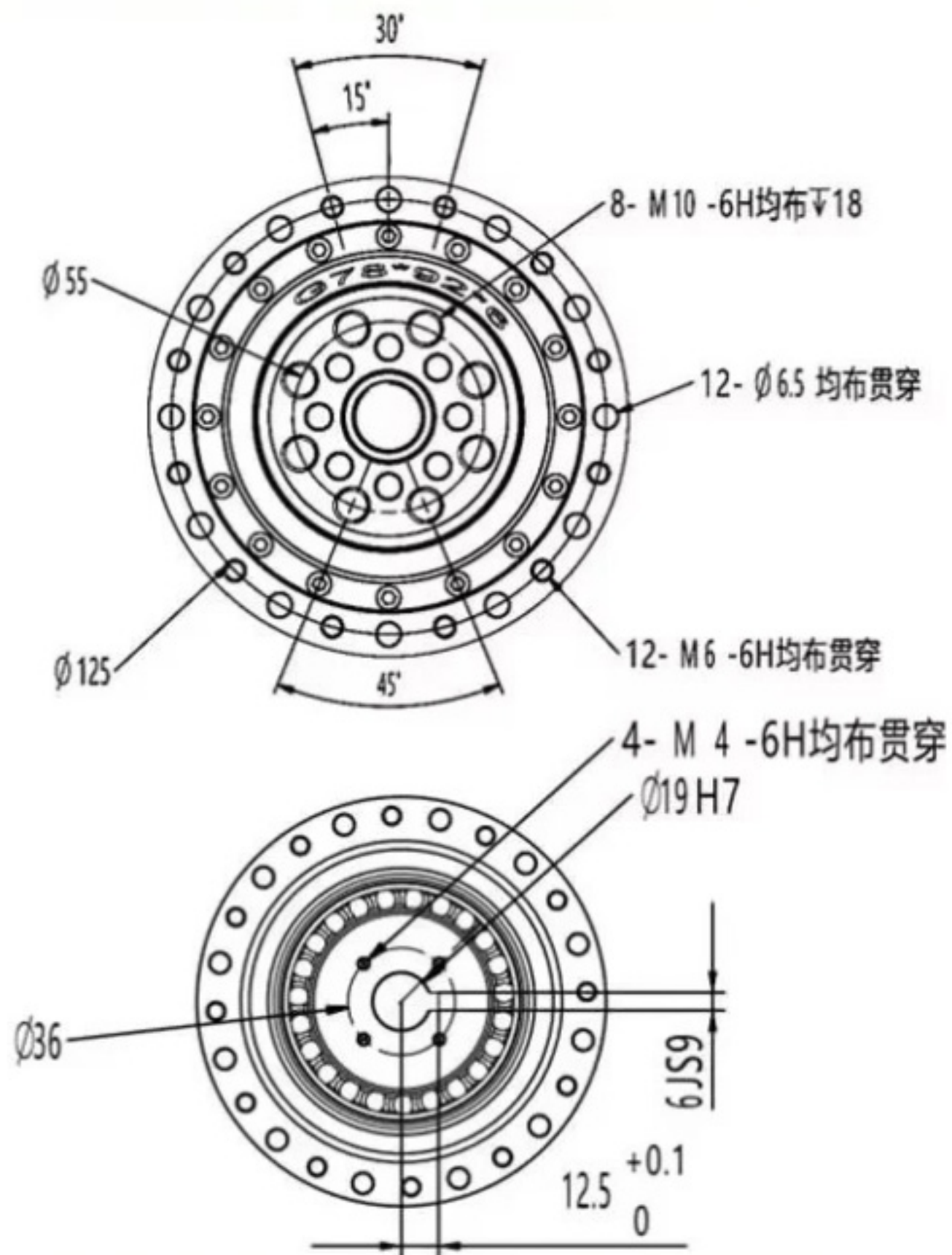


Adapted motor size

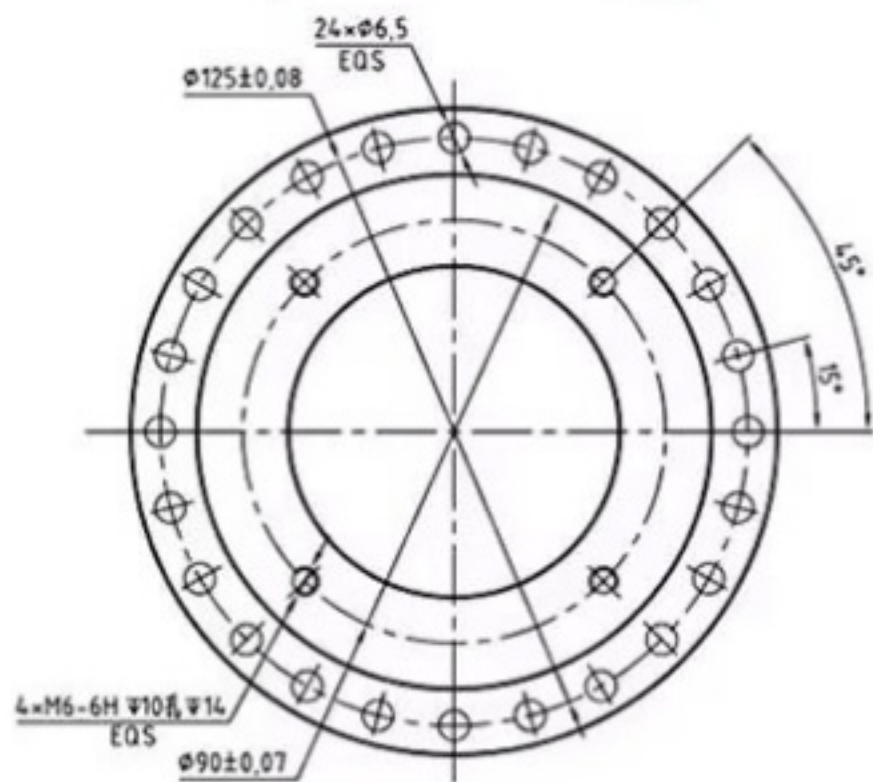


**For Nema 23 57mm
Flange Stepper Motor**

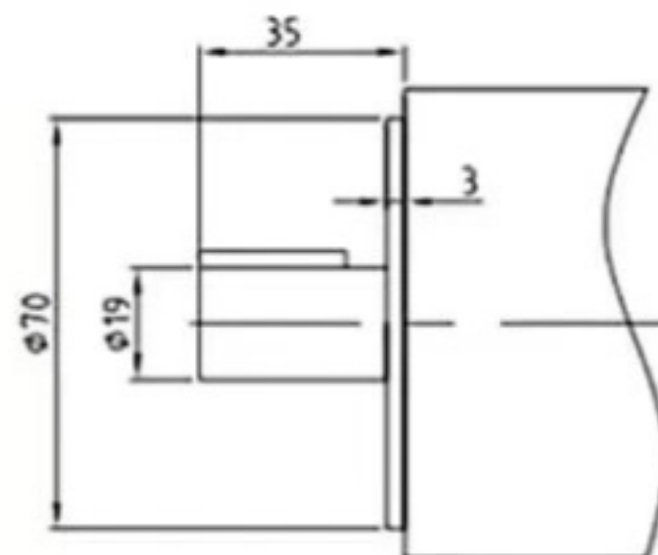
ZXS32 Harmonic Reducer



Motor flange mounting plate

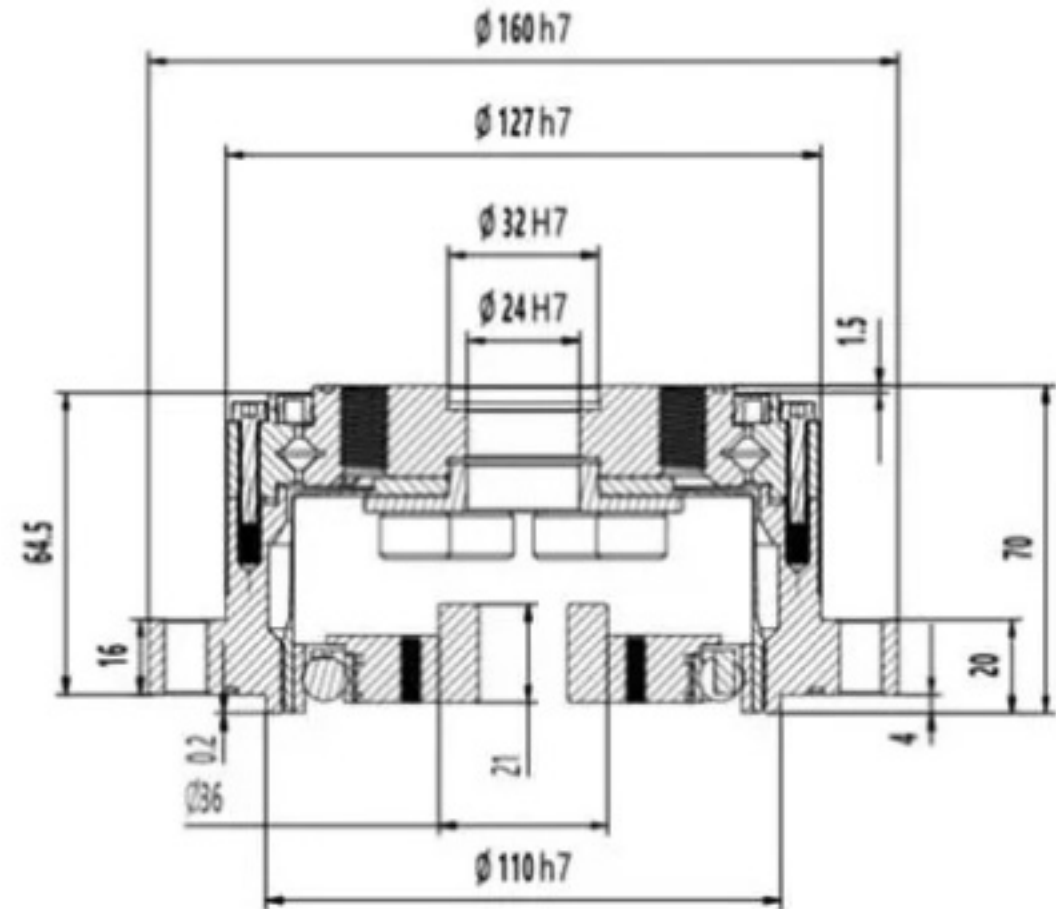
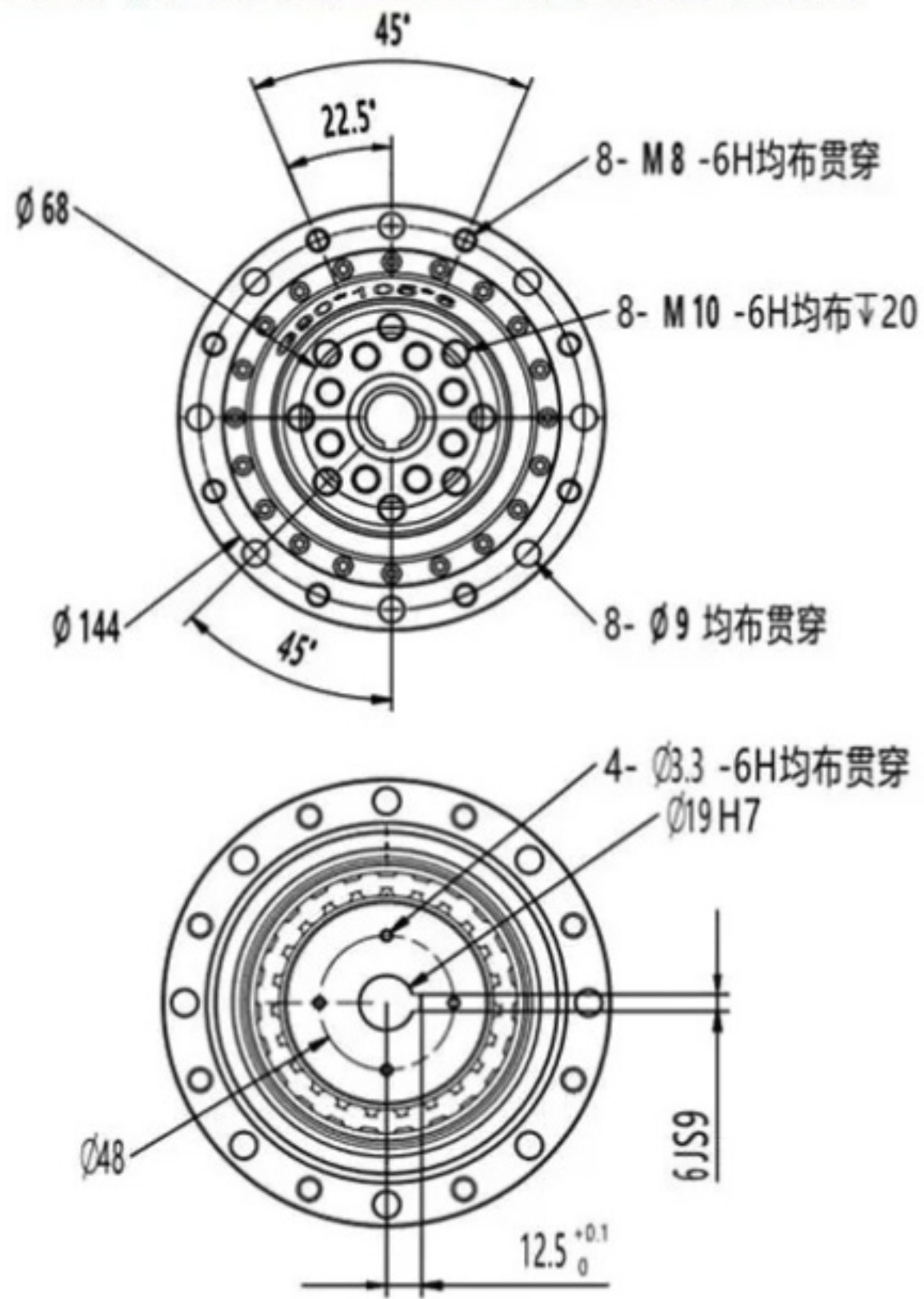


Adapted motor size

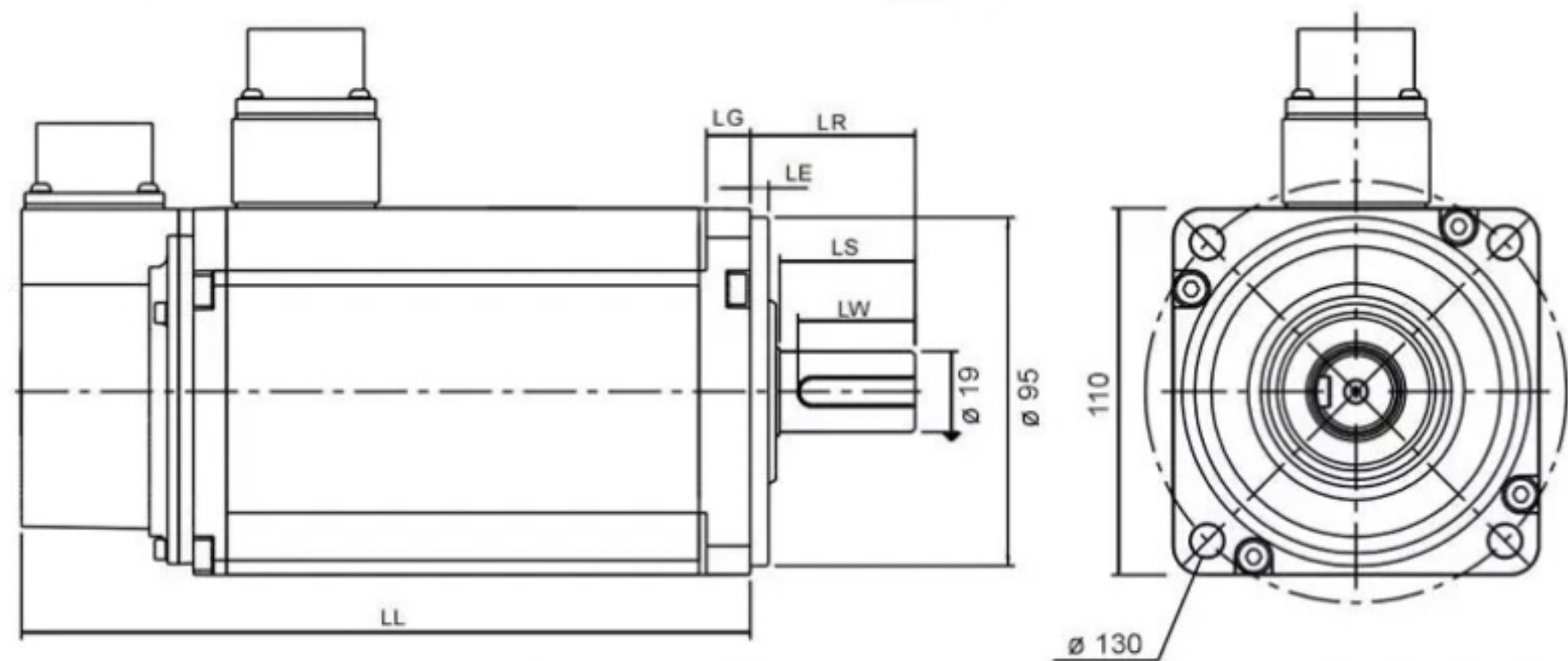


For 80mm Flange Servo Motor

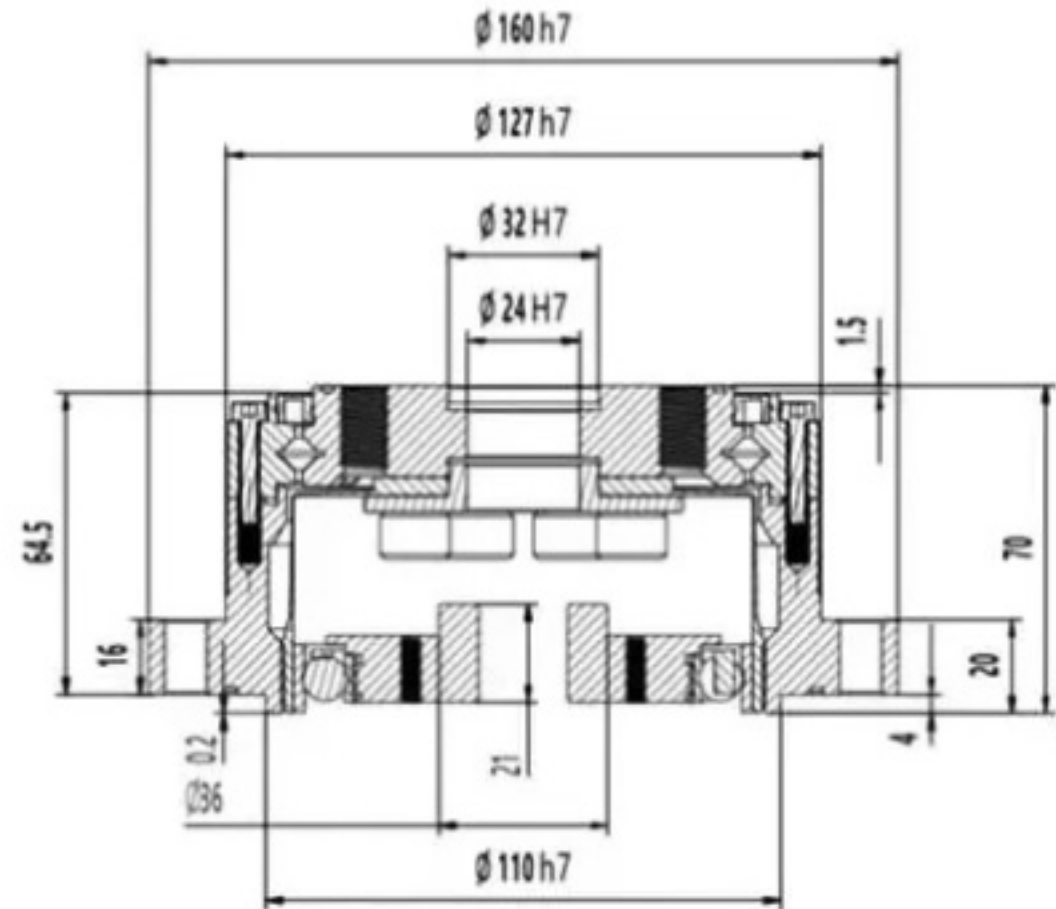
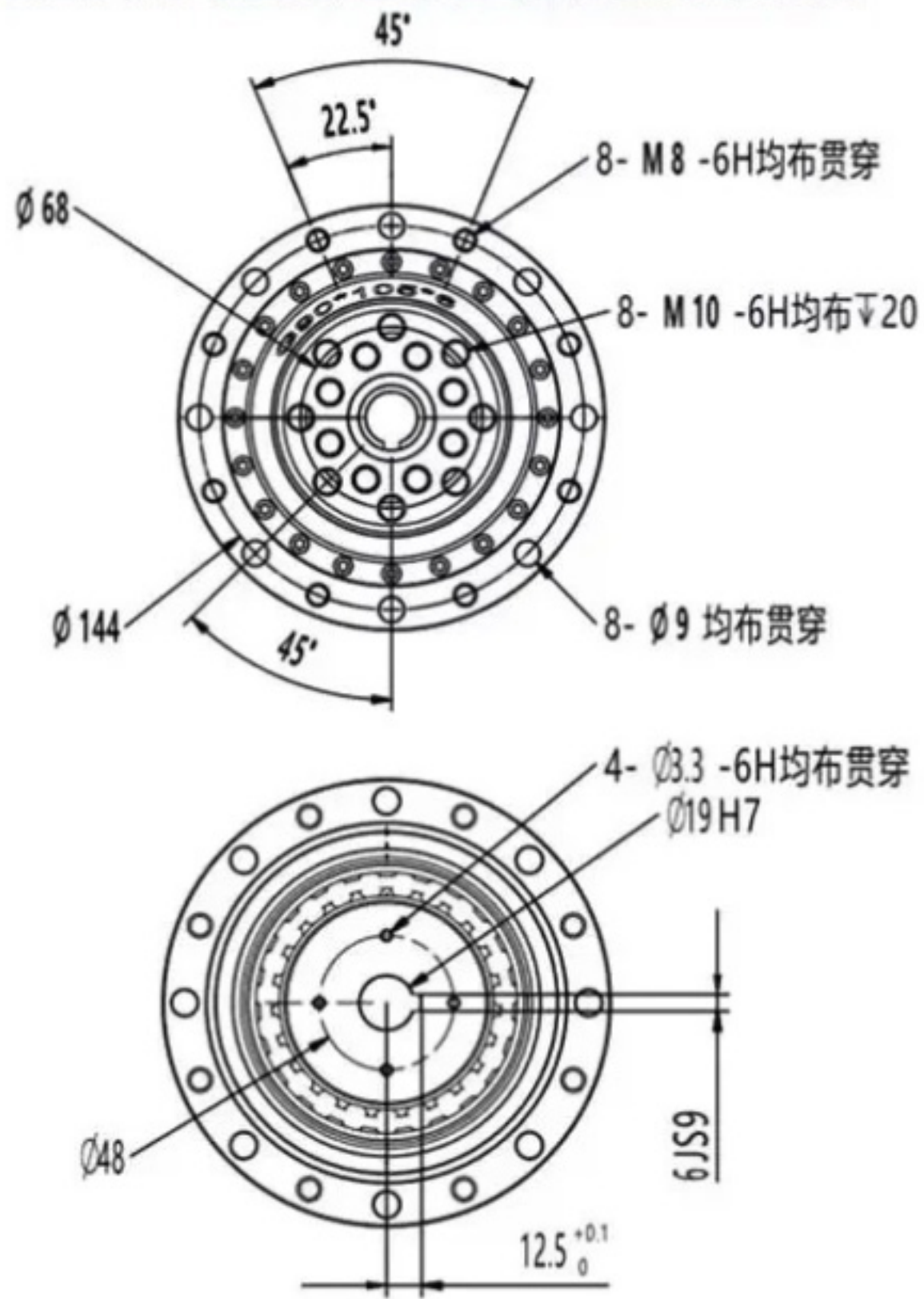
ZXS40 Harmonic Reducer



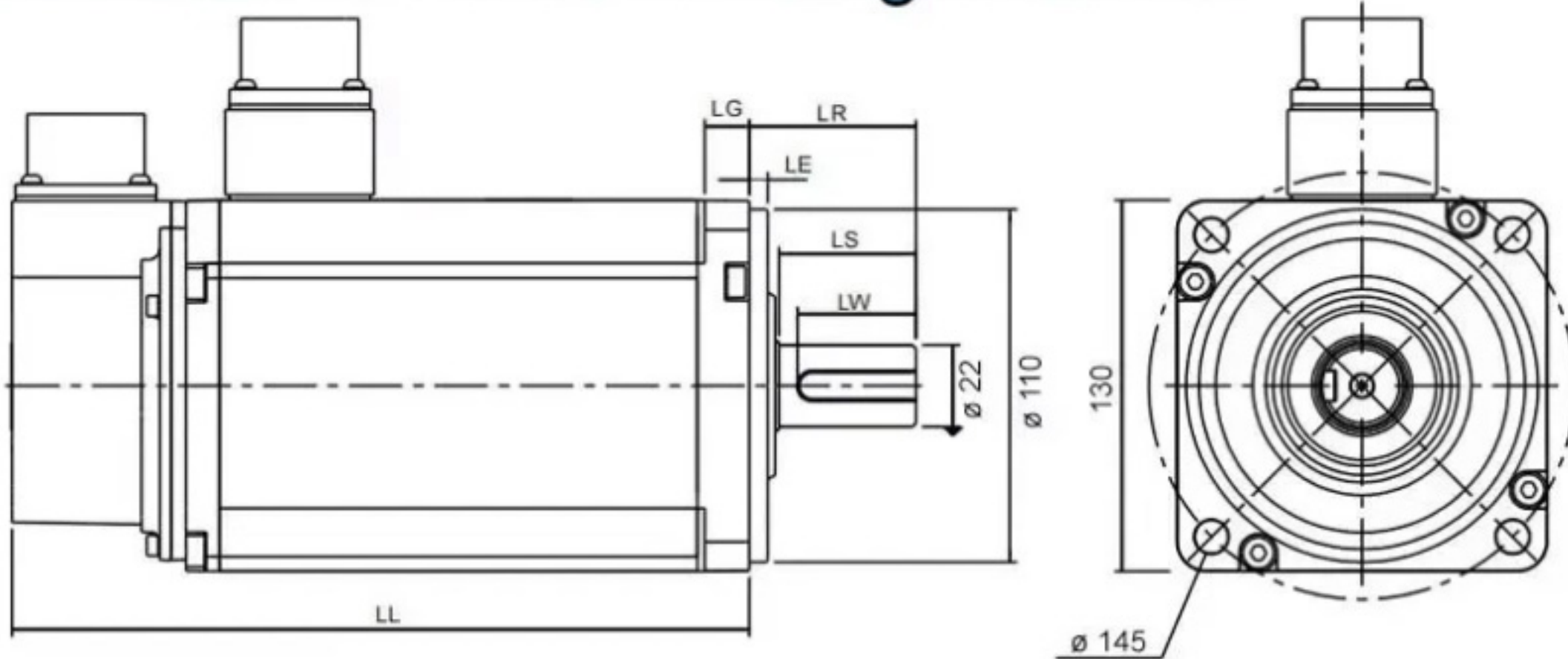
Adapted motor size-19mm Shaft 110mm Flange Servo Motor



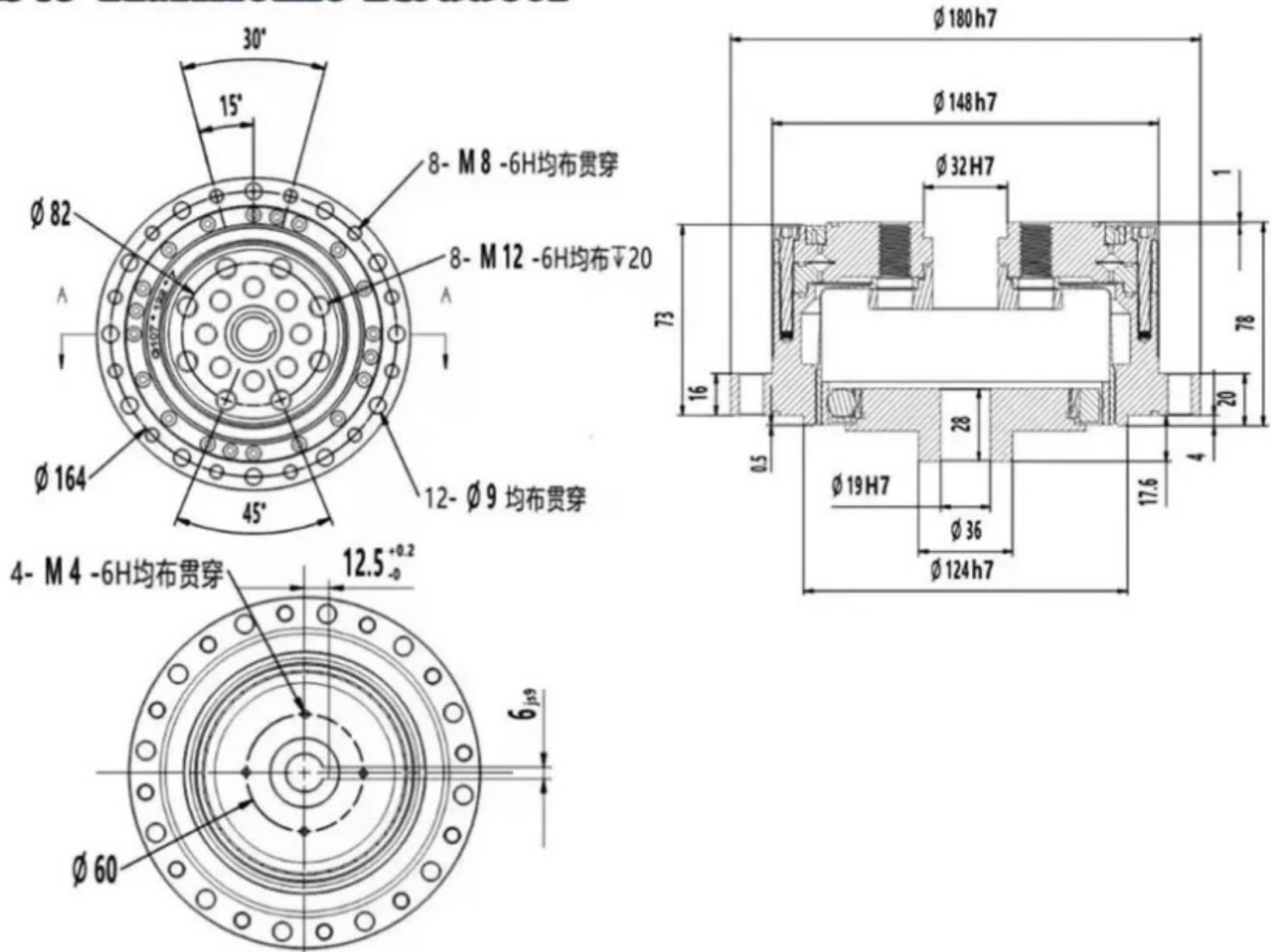
ZXS40 Harmonic Reducer



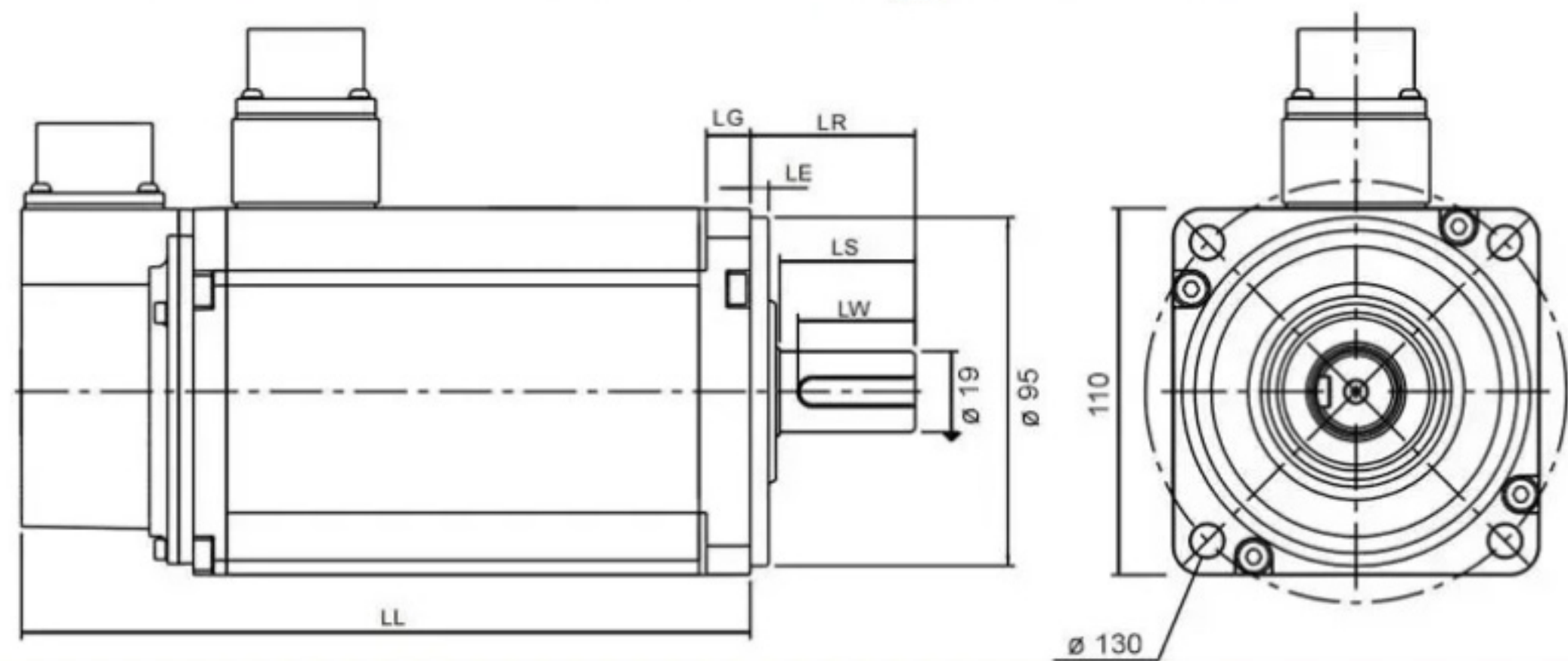
Adapted motor size—22mm Shaft 130mm Flange Servo Motor



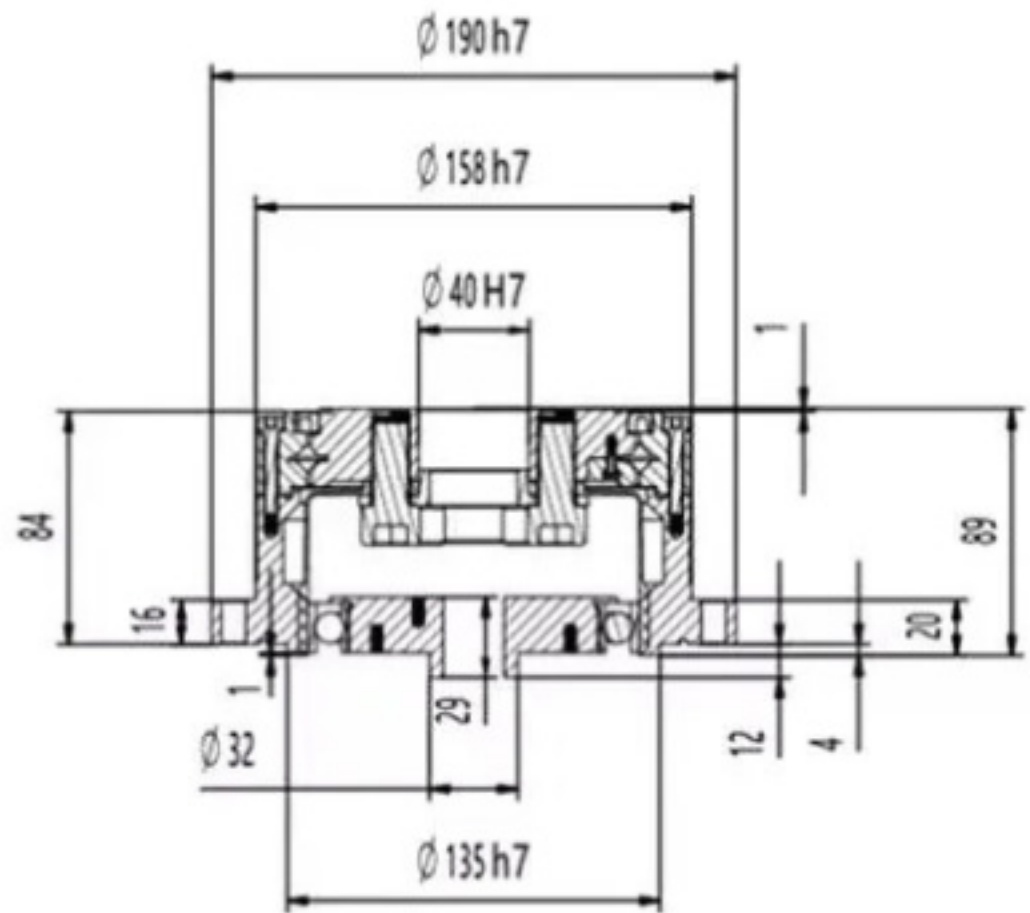
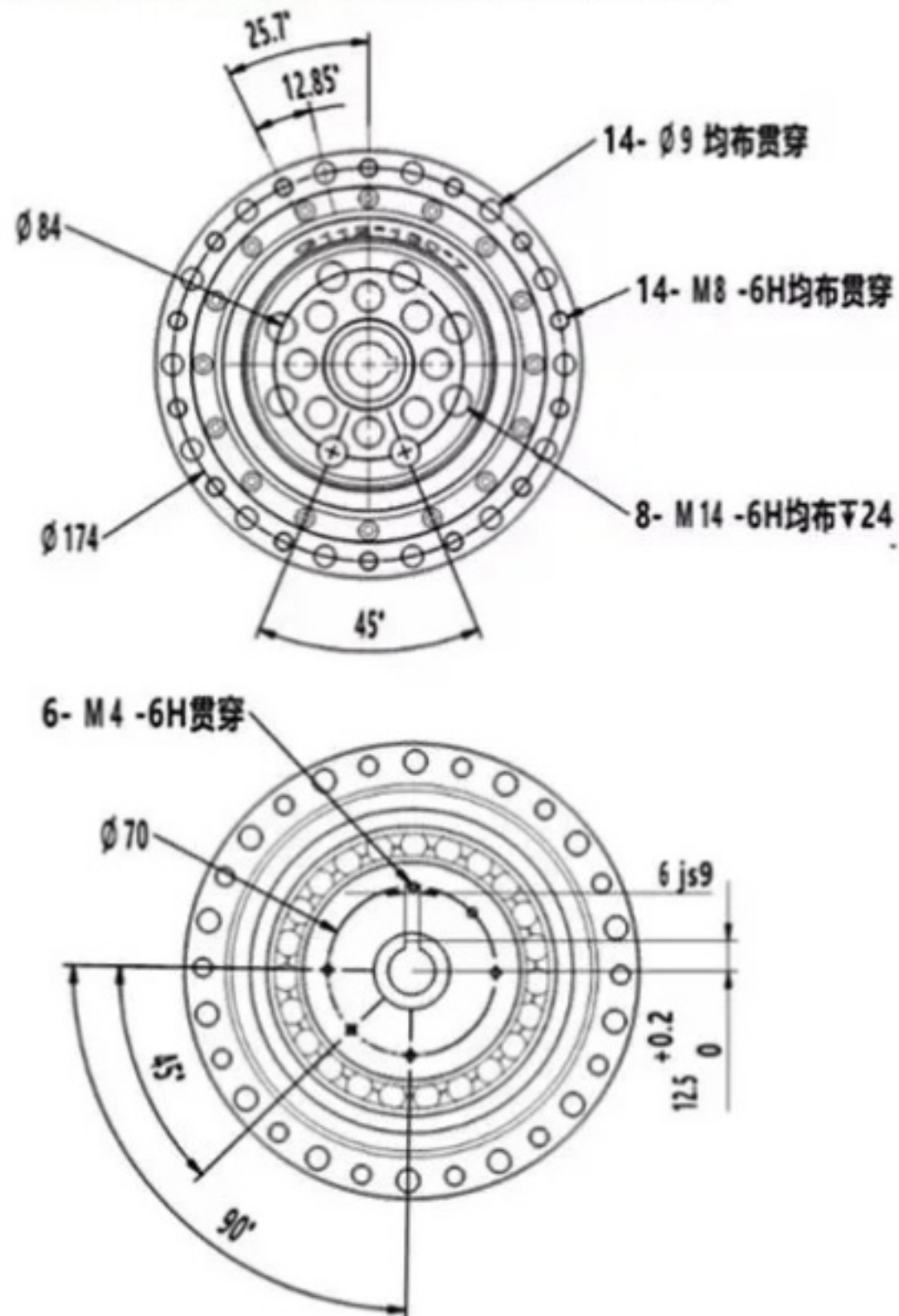
ZXS45 Harmonic Reducer



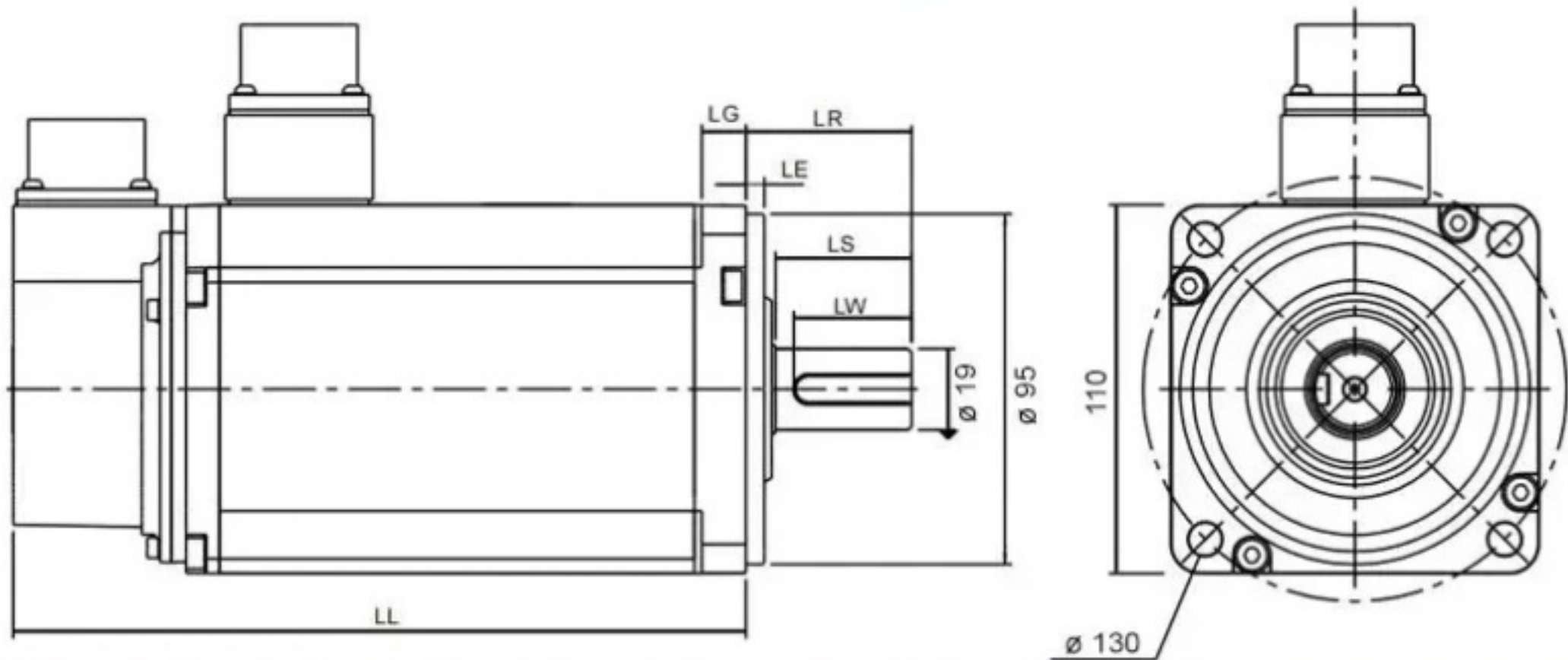
Adapted motor size-19mm Shaft 110mm Flange Servo Motor



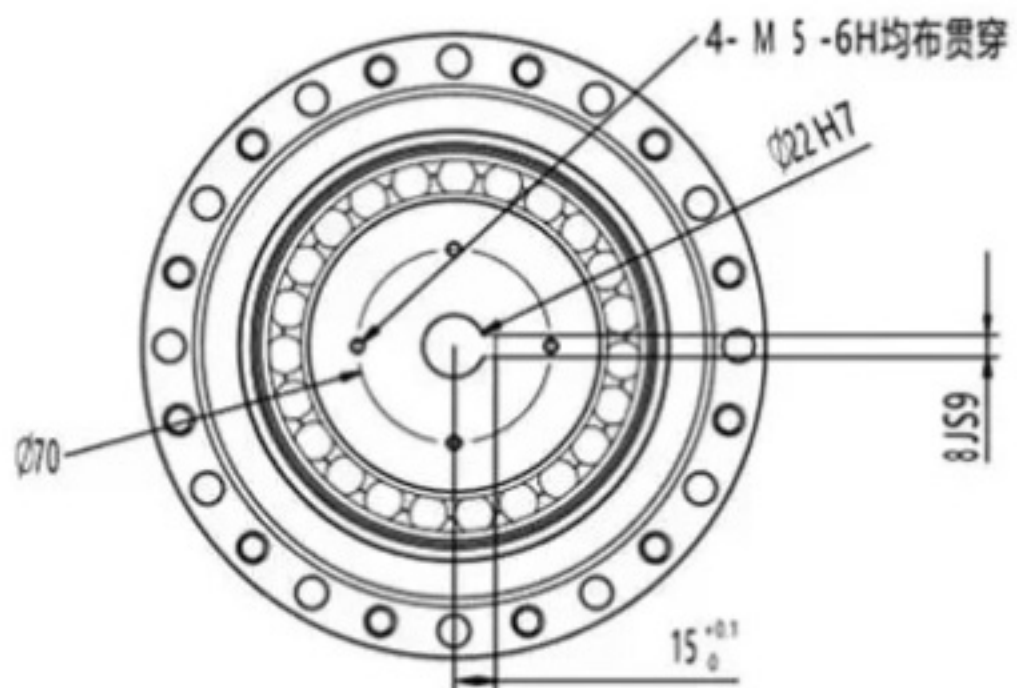
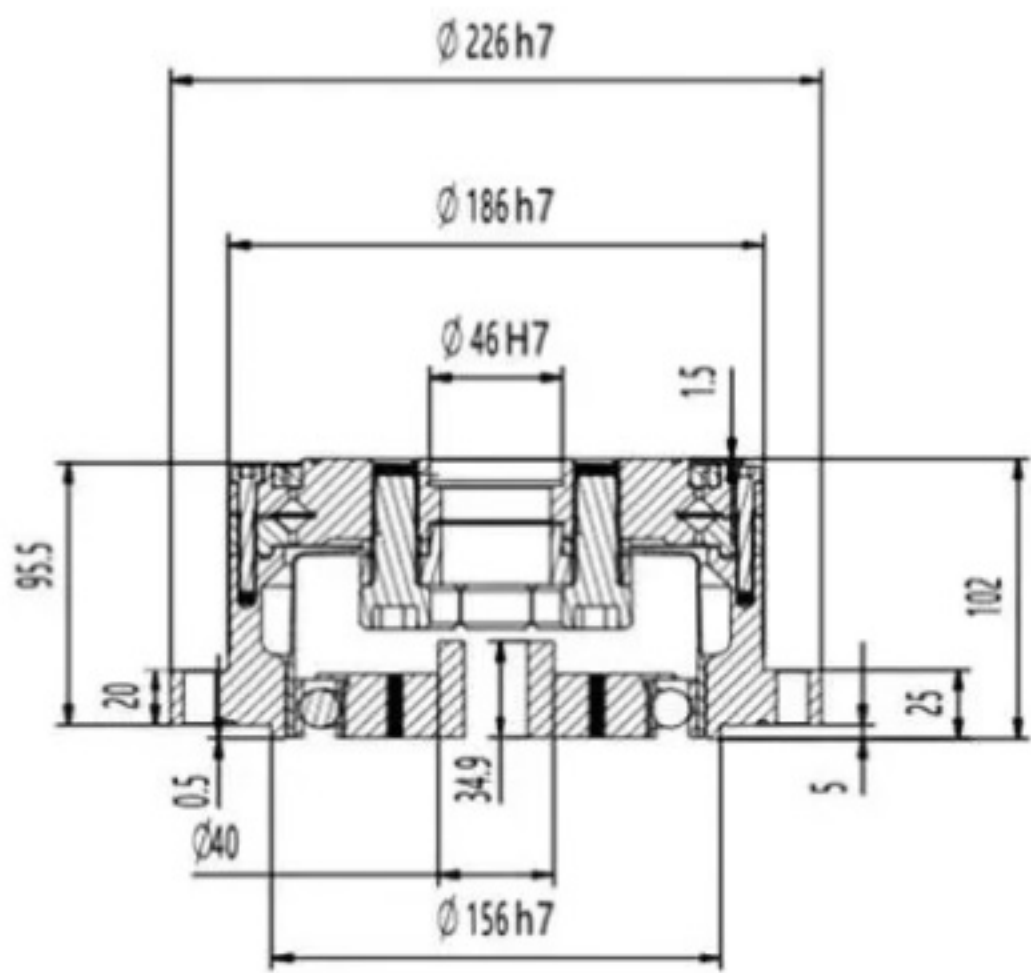
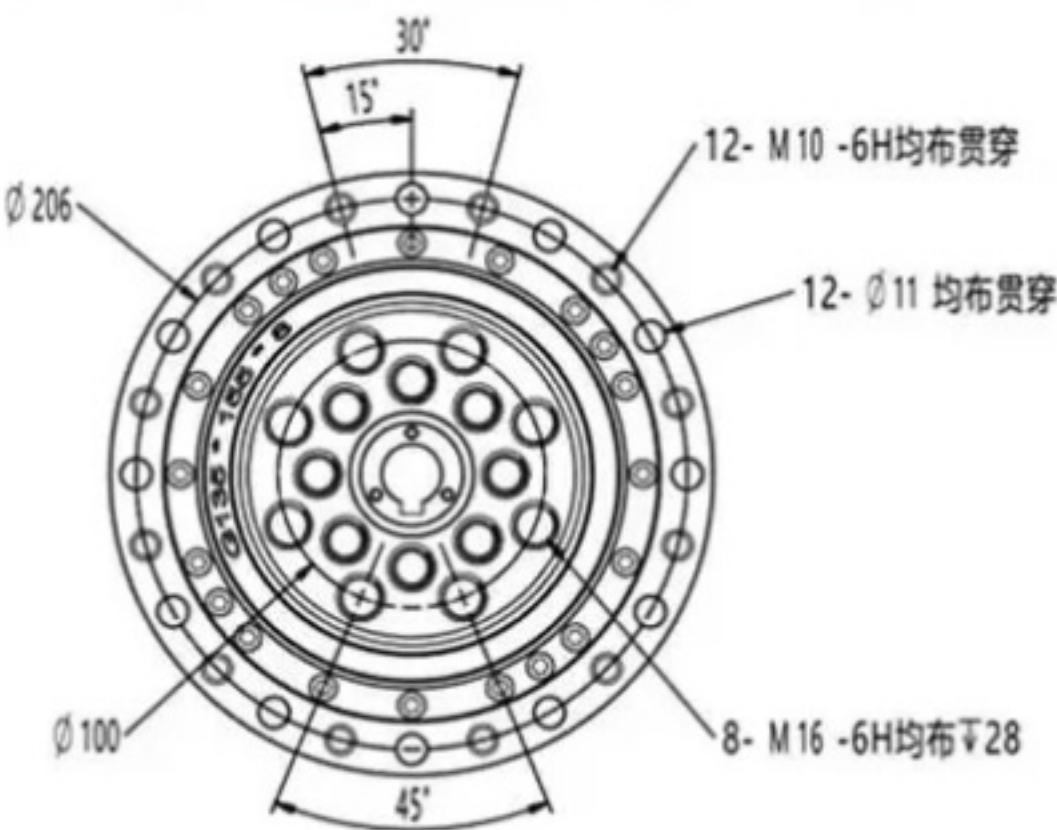
ZXS50 Harmonic Reducer



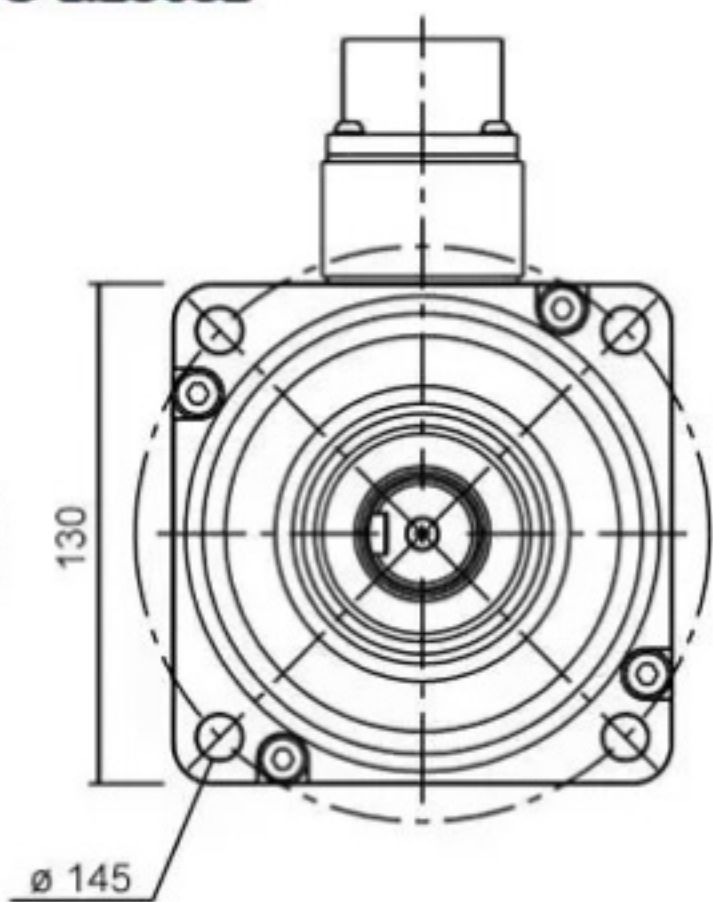
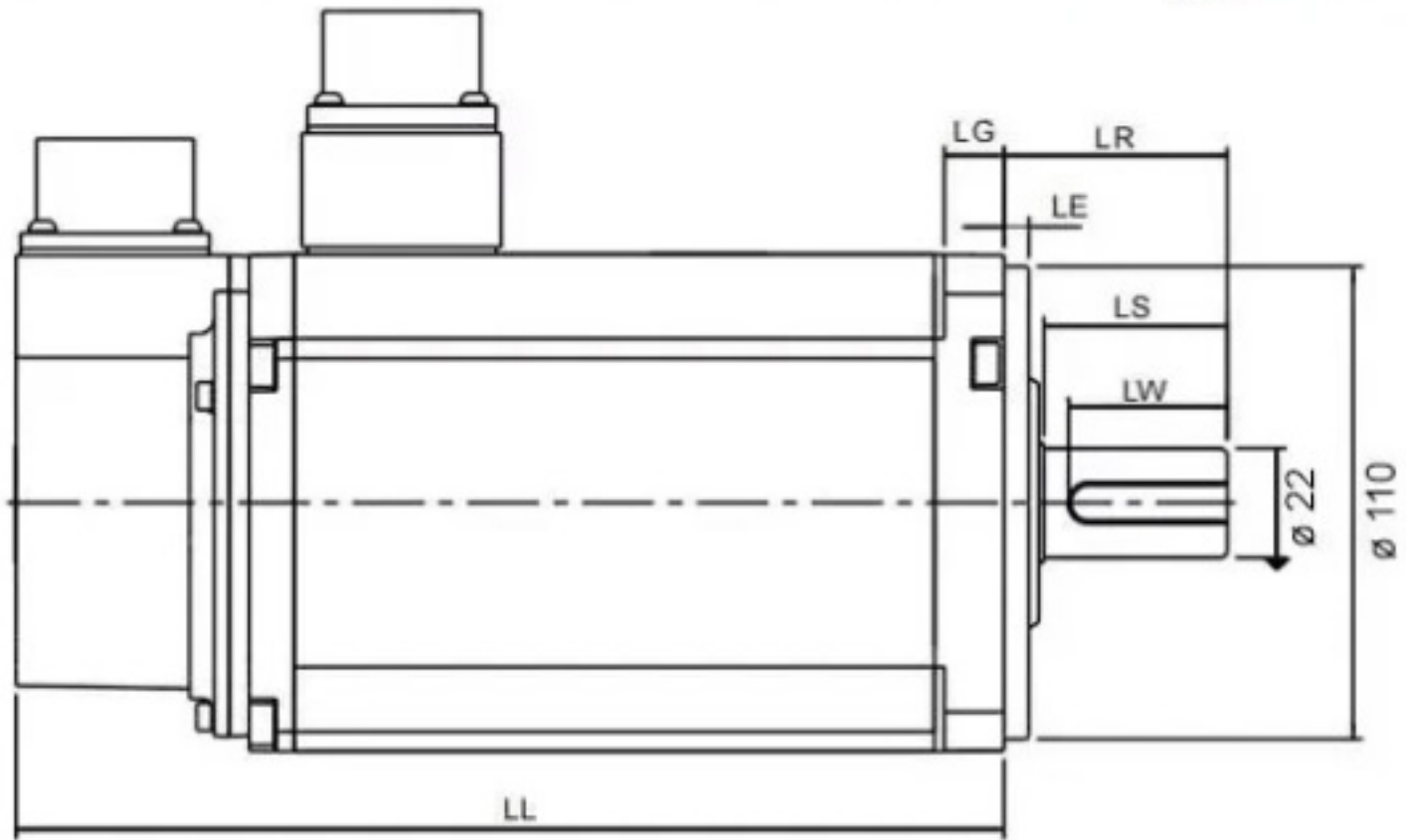
Adapted motor size-19mm Shaft 110mm Flange Servo Motor



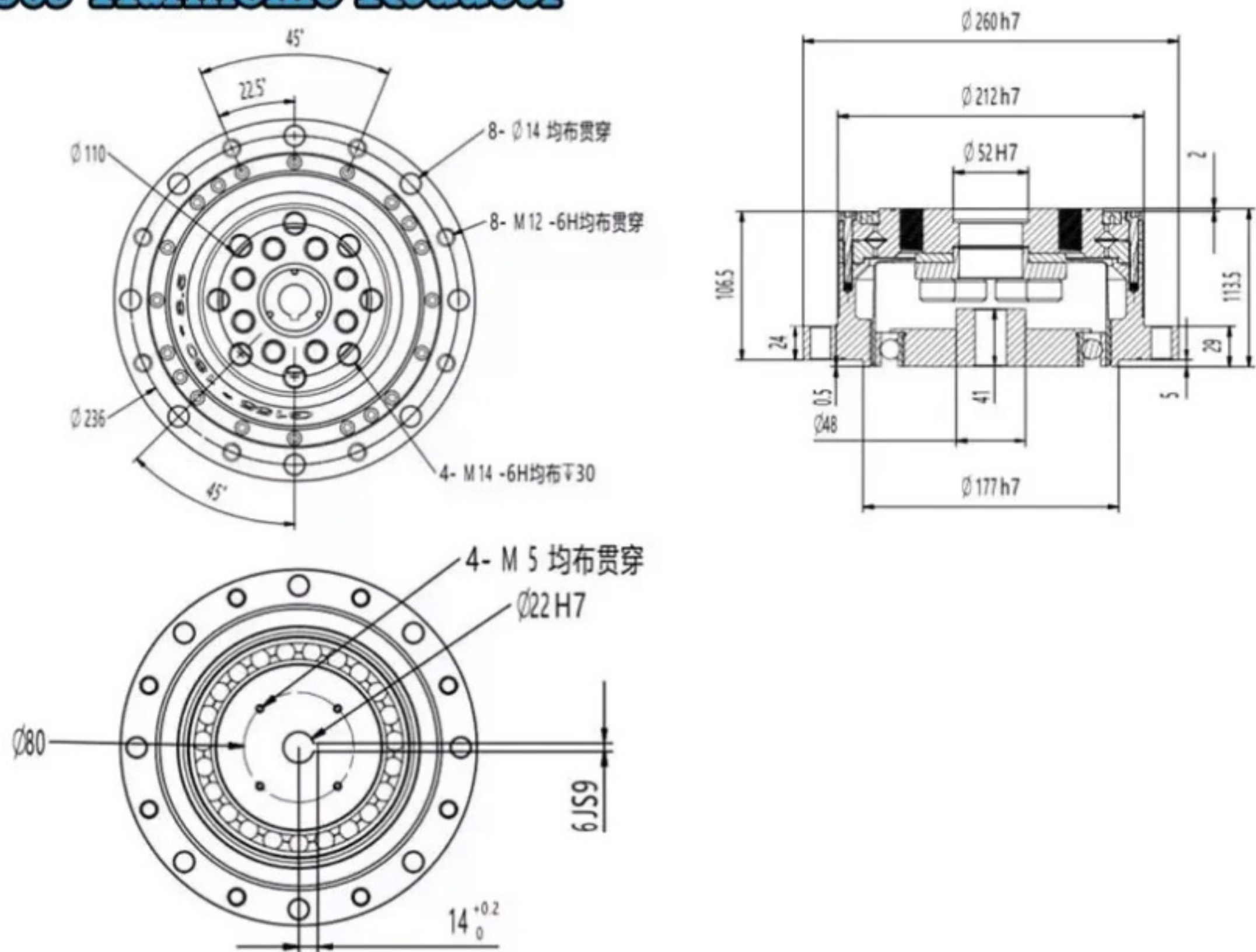
ZXS58 Harmonic Reducer



Adapted motor size-22mm Shaft 130mm Flange Servo Motor



ZXS65 Harmonic Reducer



Adapted motor size-22mm Shaft 130mm Flange Servo Motor

