

■ **外形图** Outline drawing



Note 2: Refer to the confirmation drawing for detailed dimensions. Especially be certain to check the delivered specifications since the configuration of the wave generator varies depends on the size.

■ 尺寸表 Dimension Table

符号 Symbol		型号 Model	14	17	20	25	32
		ΦA h6	50	60	70	85	110
		ΦB1	-	-	-	-	-
		C	52.5 ⁺⁰ _{-0.1}	56.5 ⁺⁰ _{-0.1}	51.5 ⁺⁰ _{-0.1}	55.5 ⁺⁰ _{-0.1}	65.5 ⁺⁰ _{-0.1}
D1*	SHF		16 ^{+0.8} ₊₀	16 ^{+0.9} ₊₀	9.5 ^{+1.0} ₊₀	10 ^{+1.1} ₊₀	12 ^{+1.1} ₊₀
	SHG		16 ^{+0.4} ₊₀	16 ^{+0.4} ₊₀	9.5 ^{+0.4} ₊₀	10 ^{+0.5} ₊₀	12 ^{+0.6} ₊₀
		D2	23.5	26.5	29	34	42
		D3*	13	14	13	11.5	11.5
		E1	2.4	3	3	3.3	3.6
		E2	14.1	16	17.5	18.7	23.4
		E3	7	7.5	8.5	12	15
		F	6	6.5	7.5	10	14
		ΦG H6	48	60	70	88	114
		ΦH h6	70	80	90	110	142
波发生器尺寸 Wave generator dimensions	I1		20±0.1	21.5±0.1	19±0.1	20±0.1	29±0.1
	I2		20±0.1	21.5±0.1	20±0.1	22.5±0.1	23.5±0.1
	(I3)		12.5	13.5	12.5	13	13
	J1		2.5	2.5	-	-	-
	J2		7	7	7	6.5	-
	J3		7	7	7	6.5	-
	J4		-	-	-	-	-
	K1		-	-	-	-	-
	K2		-	-	-	-	-
	ΦL1		22	27	32	42	47
	ΦL2 j6		20	25	30	40	45
	ΦL3 h9		-	-	-	38	-
	ΦL4 H7		14	19	21	29	36
	ΦL5 f7		20	25	30	-	45
	ΦM1		22	27	32	42	49
	ΦM2 h7		20	25	30	38	45
	ΦM3		-	-	-	-	42.5
	ΦM4 H7		14	19	21	29	36
	ΦN1 j6		20	25	30	40	45
	ΦN2		14.5	19.5	21.5	29.5	36.5
	O1		10	10	10	10	10
	O2		22.5	24.5	(19.5)	22.5	(30.5)
	O3		20	22	22	23	25
P1			3	3	6	6	6
P2			M3	M3	M3X6	M3X6	M3X6
ΦP3			-	-	0.25	0.25	0.25
Q1			8	12	12	12	12
ΦQ2			3.5	3.5	3.5	4.5	5.5
ΦQ3			0.25	0.25	0.25	0.25	0.25
ΦR			64	74	84	102	132
ΦS			-	-	25.5	33.5	40.5
T1			2	4	4	4	4
T2			M3X6	M3X6	M3X8	M3X8	M4X8
T3 (角度 angle)			22.5°	15°	15°	15°	15°
ΦU			44	54	62	77	100
V1			12平均分布中8 8 parts of 12 equally divided ones	20平均分布中16 16 parts of 20 equally divided ones	16	16	16
V2			M3X5	M3X6	M3X6	M4X7	M5X8
V3			Φ3.5X6	Φ3.5X6.5	Φ3.5X7.5	Φ4.5X10	Φ5.5X14
V4			0.25	0.25	0.25	0.25	0.25
W1			4	4	4	4	4
W2			M3X6	M3X6	M3X8	M3X10	M4X16
壳体内壁 Minimum housing clearance	Φa		38	45	53	66	86
	b		1	1	1.5	1.5	1.5
	Φc		31	38	45	56	73
d			1.7	2.1	2	2	2
e			D49585	D59685	D69785	D84945	D1101226
重量 Mass (kg)			0.45	0.63	0.89	1.44	3.1

Specification with * mark: The D/F/K indicate the mounting positions in the shaft direction and allowance of the three parts--wave generator, flexspline, circular spline. Strictly follow the requirement of these specifications as they affect the performance and intensity.

Please note that in the circular spline there does not incorporate an O-ring groove (Symbol f). Please provide alternate sealing arrangements during the designing and installing.

Due to the deformation of the Flexspline during operation, it is necessary to provide a minimum housing clearance, dimensions Φa, b, c.

The wave generator is packed separately when the product is delivered.

- The following dimensions can be modified to accommodate customer-specific requirements.
Wave Generator: C
Flexspline: O and P
Circular Spline: X₁ and X₂.