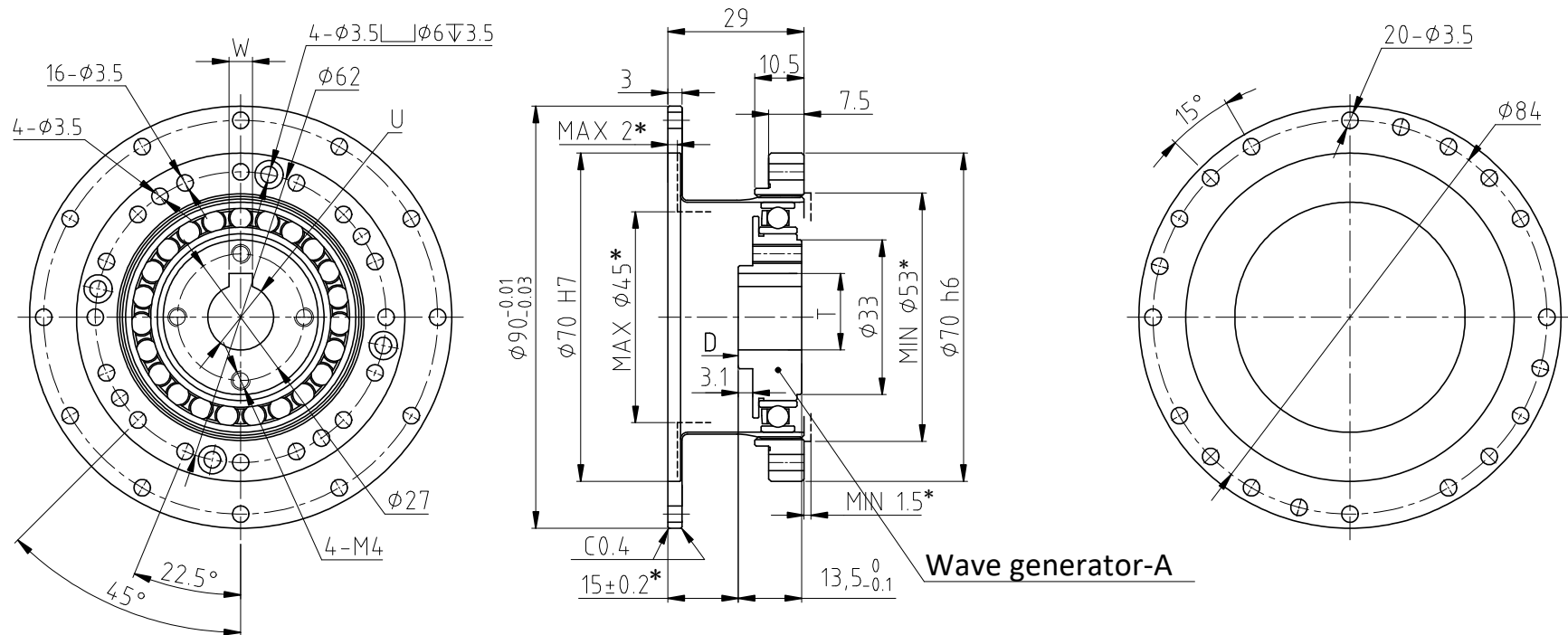
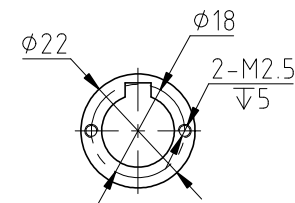




D Direction

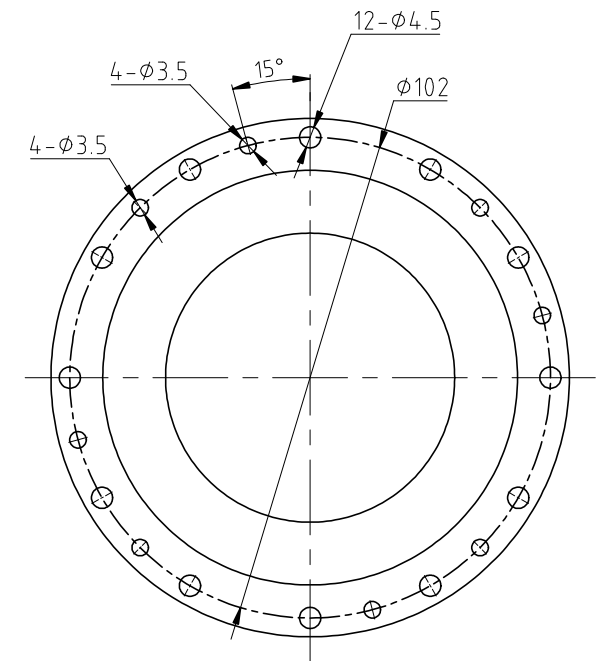


Technical requirements:

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Laitual

FHT-20-XX-C-I				Model	Reduction ratio	Rated torque at 2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed	Permissible average input rotational speed	Backlash	weight	Desian life
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour
Wave generator-A φ8	φ8H7	9.4 ^{+0.1}	3JS9/P9	20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500	≤20	FHT-C:0.27	≥10000
Wave generator-A φ11	φ11H7	12.8 ^{+0.1}	4JS9/P9		80	34	3.5	74	7.5	47	4.8	127	13	6500	3500	≤20		≥15000
Wave generator-A φ14	φ14H7	16.3 ^{+0.1}	5JS9/P9		100	40	4.1	82	8.4	49	5	147	15	6500	3500	≤20		≥15000
					120	40	4.1	87	8.9	49	5	147	15	6500	3500	≤20		≥15000
					160	40	4.1	92	9.4	49	5	147	15	6500	3500	≤20		≥15000



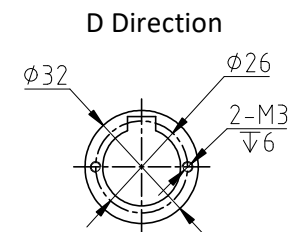
Technical drawing of a circular part with the following dimensions:

- Outer diameter: $\phi 22$
- Inner diameter: $\phi 18$
- Two M2.5 threaded holes with a depth of 5: $2-M2.5 \times 5$

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Laifual

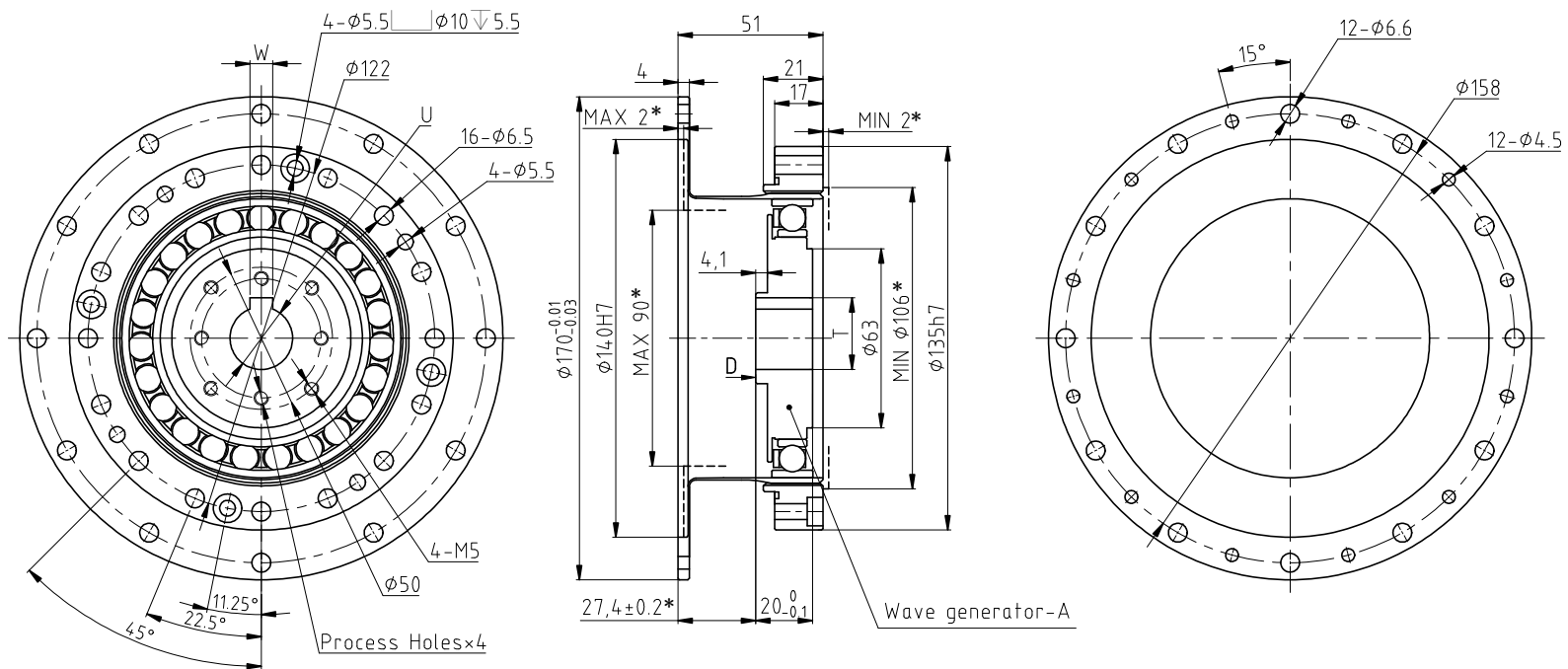
FHT-25-XX-C-I				Model	Reduction ratio	Rated torque at2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed		Permissible average input rotational speed		Backlash	weight	Desian life
						Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour
MODEL	U	T	W	25	50	39	4	98	10	55	5.6	186	19	5600	3500	≤20	FHT-C:0.46	≥10000		
					80	63	6.4	137	14	87	8.9	255	26	5600	3500	≤20		≥15000		
Wave generator-A Ø11	Ø11H7	12.8 ^{+0.1} ₀	4JS9/P9		100	67	6.8	157	16	108	11	284	29	5600	3500	≤20		≥15000		
					120	67	6.8	167	17	108	11	304	31	5600	3500	≤20		≥15000		
Wave generator-A Ø14	Ø14H7	16.3 ^{+0.1} ₀	5JS9/P9		160	67	6.8	176	18	108	11	314	32	5600	3500	≤20		≥15000		



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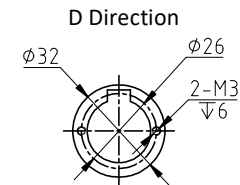
Laifual

FHT-32-XX-C-I				Model	Reduction ratio	Rated torque at2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed		Permissible average input rotational speed		Backlash	weight	Desian life
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour		
Wave generator-A φ14	φ14H7	16.3 ^{+0.1} ₀	5JS9/P9																	
Wave generator-A φ19	φ19H7	21.8 ^{+0.1} ₀	6JS9/P9	32	50	76	7.8	216	22	108	11	382	39	4800	3500	≤20	FHT-C:1	≥15000		
					80	118	12	304	31	167	17	568	58	4800	3500	≤20		≥15000		
Wave generator-A φ22	φ22H7	24.8 ^{+0.1} ₀	6JS9/P9		100	137	14	333	34	261	22	647	66	4800	3500	≤20		≥15000		
					120	137	14	353	36	261	22	686	70	4800	3500	≤20		≥15000		
		25.3 ^{+0.1} ₀	8JS9/P9		160	137	14	372	38	261	22	686	70	4800	3500	≤20		≥15000		



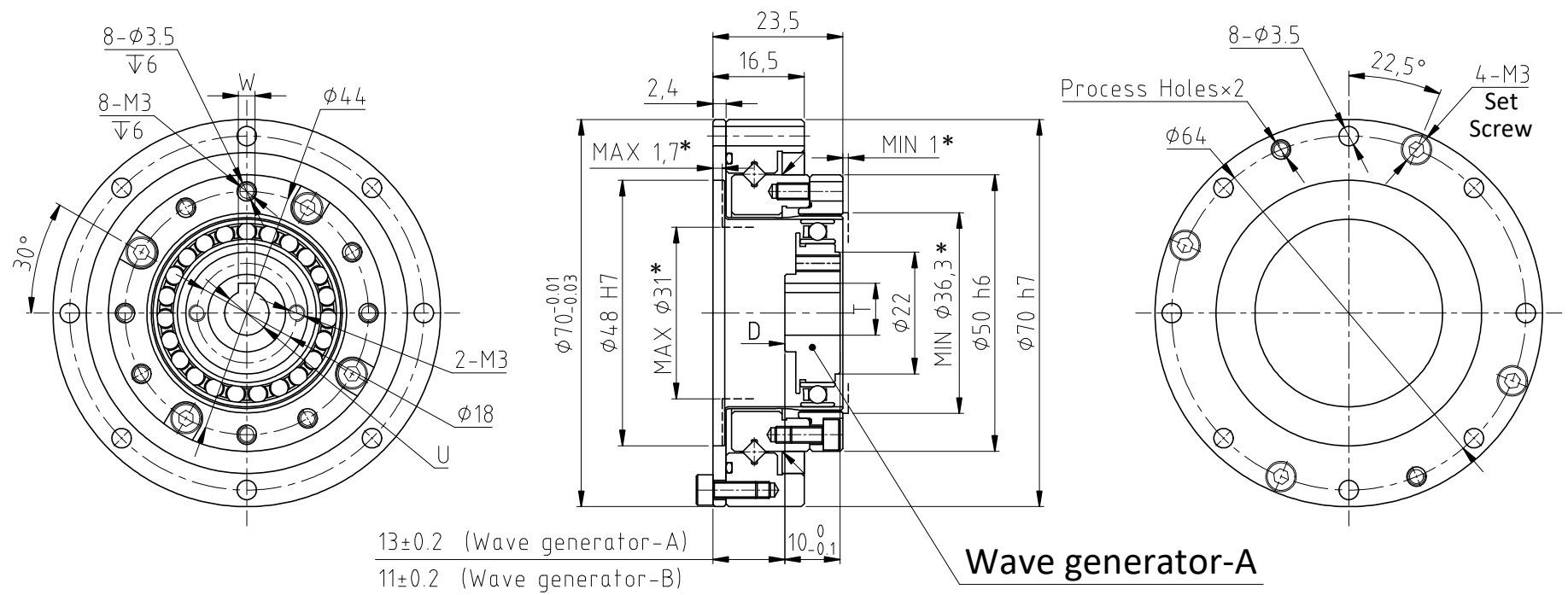
Technical requirements:

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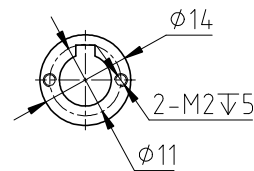
Laifual

FHT-40-XX-C-I				Model	Reduction ratio	Rated torque at2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed	Permissible average input rotational speed	Backlash	weight	Desian life
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour
Wave generator-A φ14	φ14H7	16.3 ^{+0.1}	5JS9/P9															
Wave generator-A φ19	φ19H7	21.8 ^{+0.1}	6JS9/P9	40	50	178	18	523	53	255	26	892	91	4000	3500	≤20	FHT-C:1.87	≥10000
					80	268	27	675	69	369	38	1270	130	4000	3500	≤20		≥15000
Wave generator-A φ22	φ22H7	24.8 ^{+0.1}	6JS9/P9		100	345	35	738	75	484	49	1400	143	4000	3500	≤20		≥15000
		25.3 ^{+0.1}	8JS9/P9		120	382	39	802	82	586	60	1530	156	4000	3500	≤20		≥15000
					160	382	39	841	86	586	60	1530	156	4000	3500	≤20		≥15000

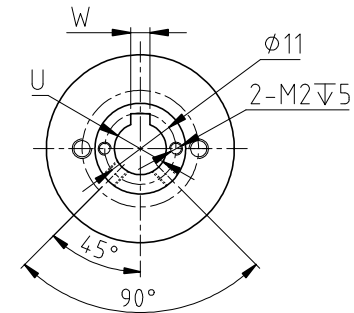
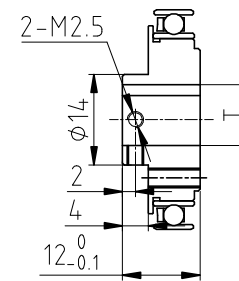


Wave generator-A

D Direction



Wave generator-B



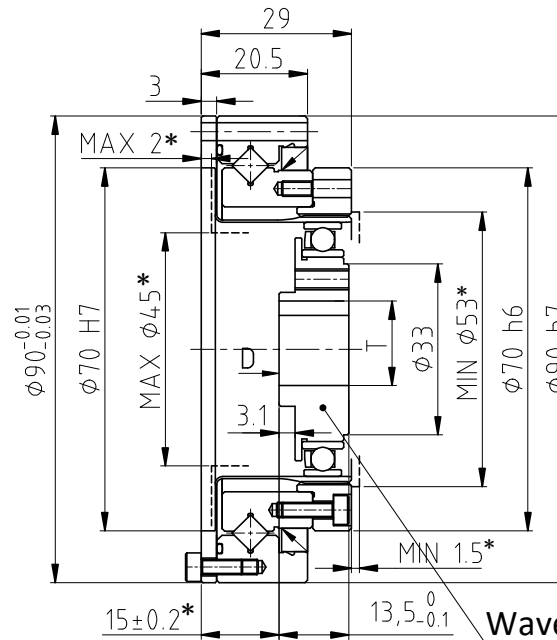
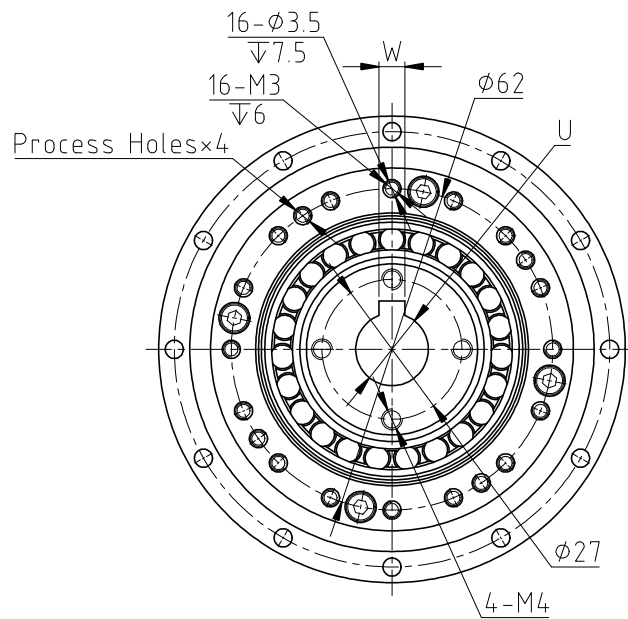
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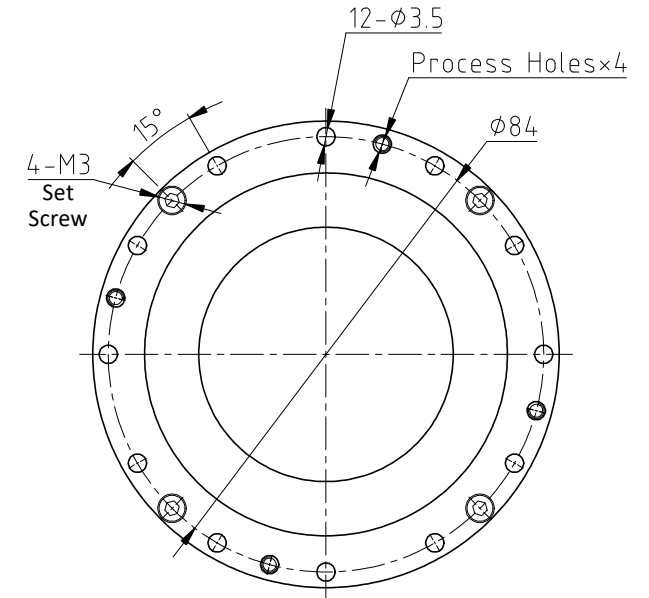
Laifual

FHT-14-XX-U-I				Model	Reduction ratio	Rated torque at2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed	Permissible average input rotational speed	Backlash	Weight	Design life	
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour	
Wave generator-A/B φ6	φ6H7	7 ^{+0.1}	2JS9/P9			14	50	5.4	0.55	18	1.8	6.9	0.7	35	3.6	8500	3500	≤20	FHG-I:0.4
Wave generator-A/B φ8	φ8H7	9.4 ^{+0.1}	3JS9/P9		80		7.8	0.8	23	2.4	11	1.1	47	4.8	8500	3500	≤20	≥15000	
					100		7.8	0.8	28	2.9	11	1.1	54	5.5	8500	3500	≤20	≥15000	

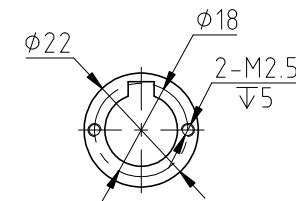
[illegible]



Wave generator-A



D Direction

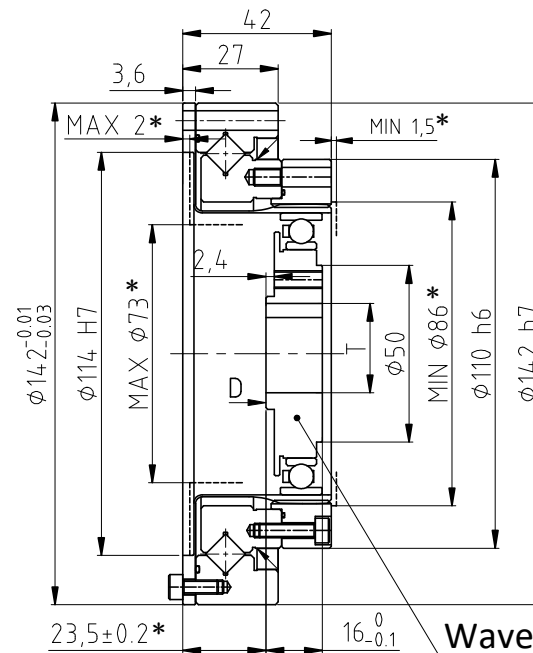
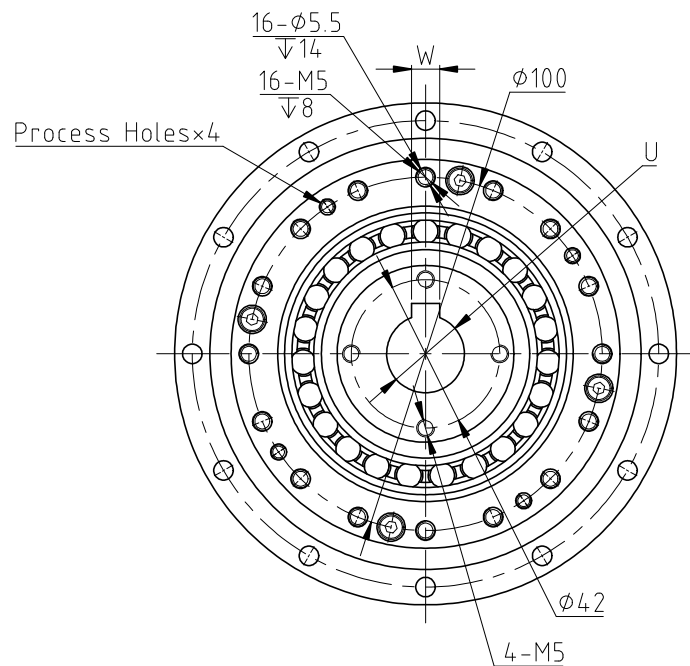


Technical requirements:

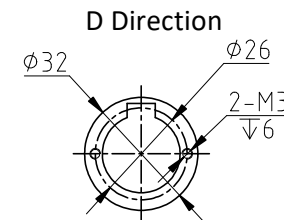
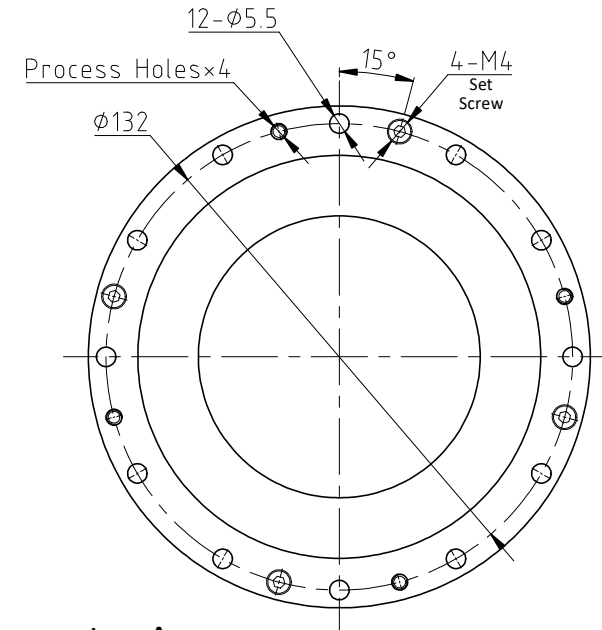
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Laifual

FHT-20-XX-U-I				Model	Reduction ratio	Rated torque at 2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed	Permissible average input rotational speed	Backlash	weight	Desian life
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour
Wave generator-A φ8	φ8H7	9.4 ^{+0.1}	3JS9/P9	20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500	≤20	FHG-I:0.72	≥10000
Wave generator-A φ11	φ11H7	12.8 ^{+0.1}	4JS9/P9		80	34	3.5	74	7.5	47	4.8	127	13	6500	3500	≤20		≥15000
Wave generator-A φ14	φ14H7	16.3 ^{+0.1}	5JS9/P9		100	40	4.1	82	8.4	49	5	147	15	6500	3500	≤20		≥15000
					120	40	4.1	87	8.9	49	5	147	15	6500	3500	≤20		≥15000
					160	40	4.1	92	9.4	49	5	147	15	6500	3500	≤20		≥15000



Wave generator-A

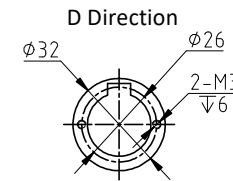
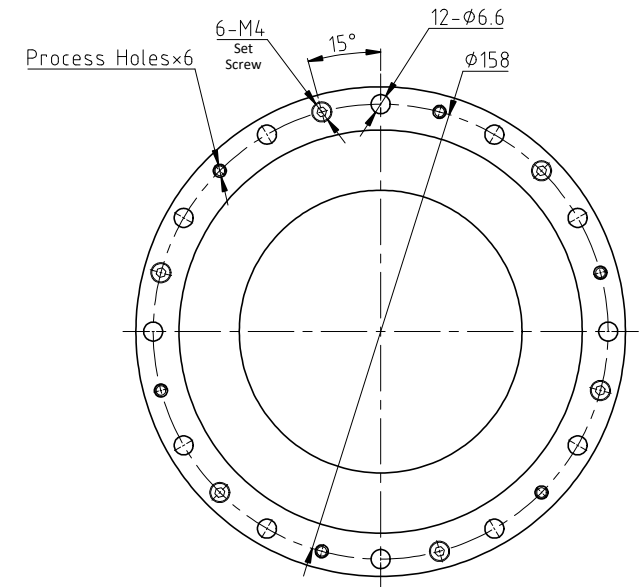
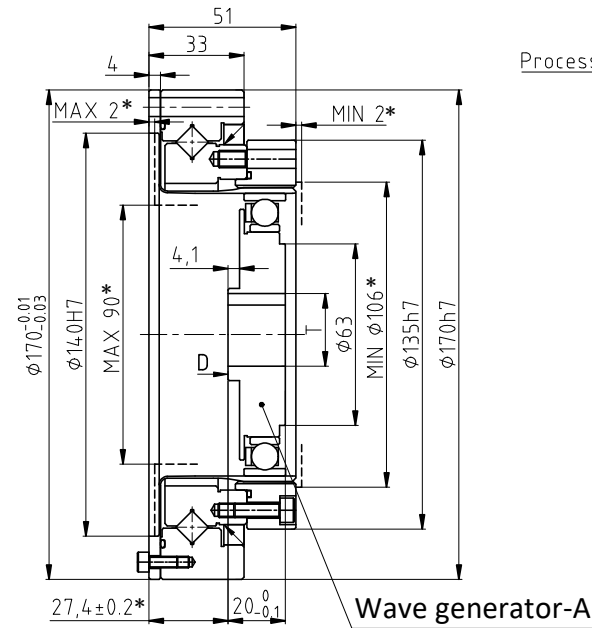
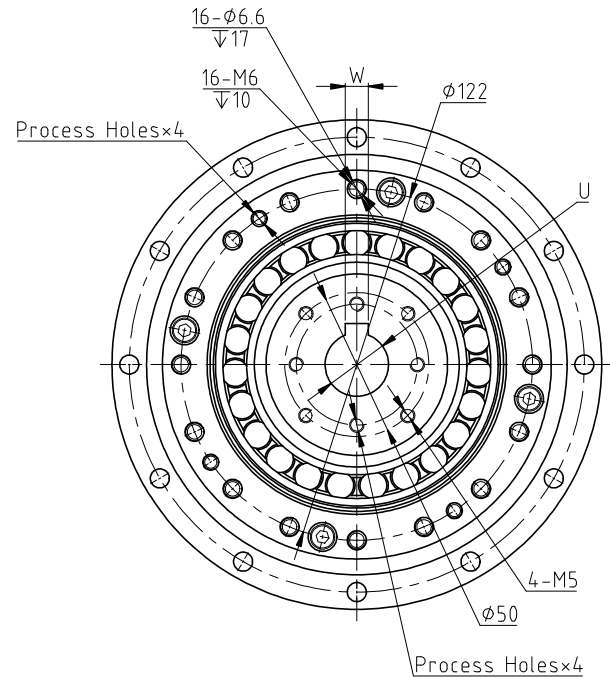


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Laifual

FHT-32-XX-U-I				Model	Reduction ratio	Rated torque at2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed	Permissible average input rotational speed	Backlash	weight	Desian life	
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour	
Wave generator-A φ14	φ14H7	16.3 ^{+0.1} ₀	5JS9/P9			32	50	76	7.8	216	22	108	11	382	39	4800	3500	≤20	FHG-I:2.54
Wave generator-A φ19	φ19H7	21.8 ^{+0.1} ₀	6JS9/P9	80	118		12	304	31	167	17	568	58	4800	3500	≤20	≥15000		
Wave generator-A φ22	φ22H7	24.8 ^{+0.1} ₀	6JS9/P9	100	137		14	333	34	261	22	647	66	4800	3500	≤20	≥15000		
		25.3 ^{+0.1} ₀	8JS9/P9		120		137	14	353	36	261	22	686	70	4800	3500	≤20	≥15000	
					160		137	14	372	38	261	22	686	70	4800	3500	≤20	≥15000	



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Laifual

FHT-40-XX-U-I				Model	Reduction ratio	Rated torque at2000r/min input		Permissible peak torque at start and stop		Permissible maximum value for average load torque		Permissible maximum momentary torque		Permissible maximum input rotational speed	Permissible average input rotational speed	Backlash	weight	Desian life
MODEL	U	T	W			Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	kg	Hour
Wave generator-A φ14	φ14H7	16.3 ^{+0.1}	5JS9/P9															
Wave generator-A φ19	φ19H7	21.8 ^{+0.1}	6JS9/P9	40	50	178	18	523	53	255	26	892	91	4000	3500	≤20	FHG-I:4.4	≥10000
					80	268	27	675	69	369	38	1270	130	4000	3500	≤20		≥15000
Wave generator-A φ22	φ22H7	24.8 ^{+0.1}	6JS9/P9		100	345	35	738	75	484	49	1400	143	4000	3500	≤20		≥15000
		25.3 ^{+0.1}	8JS9/P9		120	382	39	802	82	586	60	1530	156	4000	3500	≤20		≥15000
					160	382	39	841	86	586	60	1530	156	4000	3500	≤20		≥15000