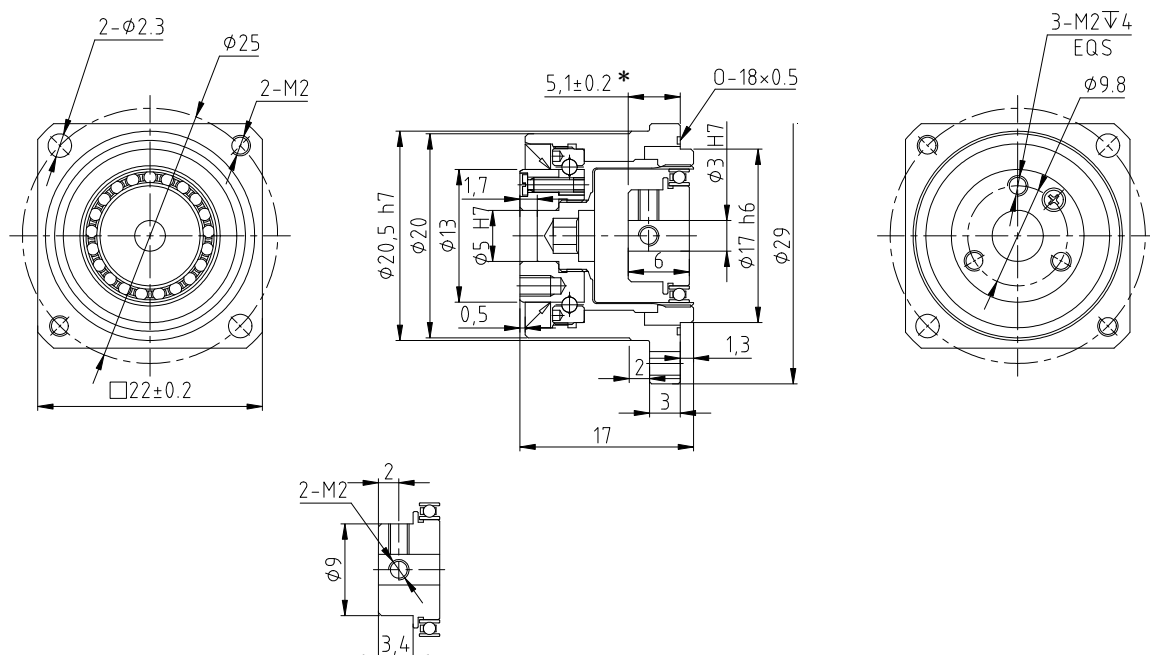
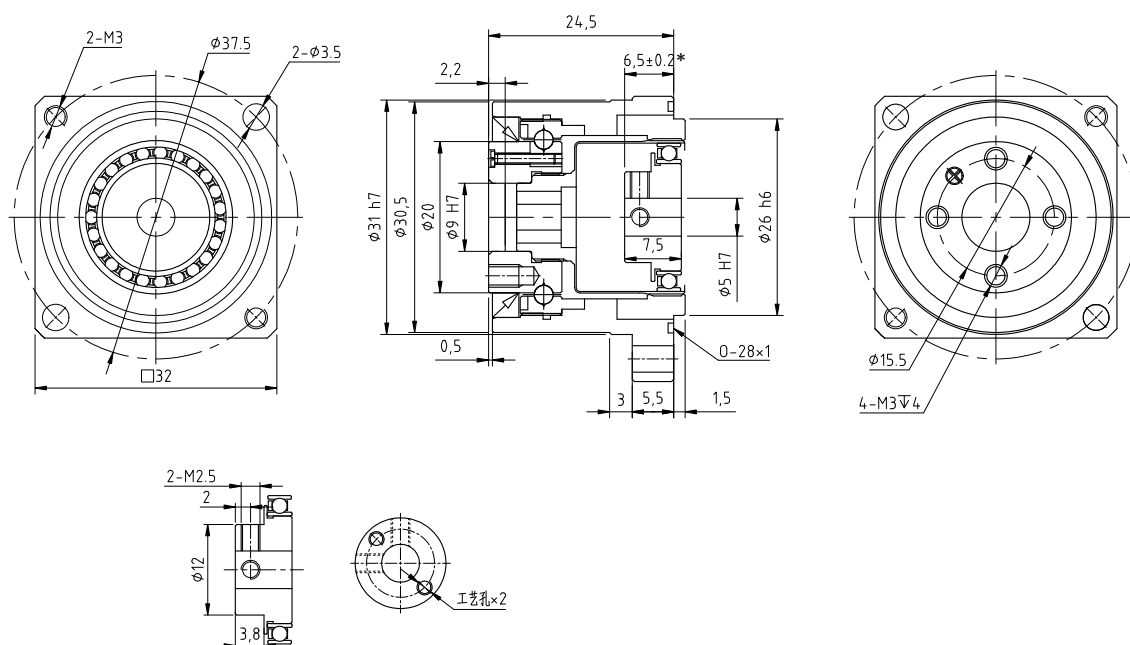


OUTLINE DRAWING

FSN-5-XX-U-I



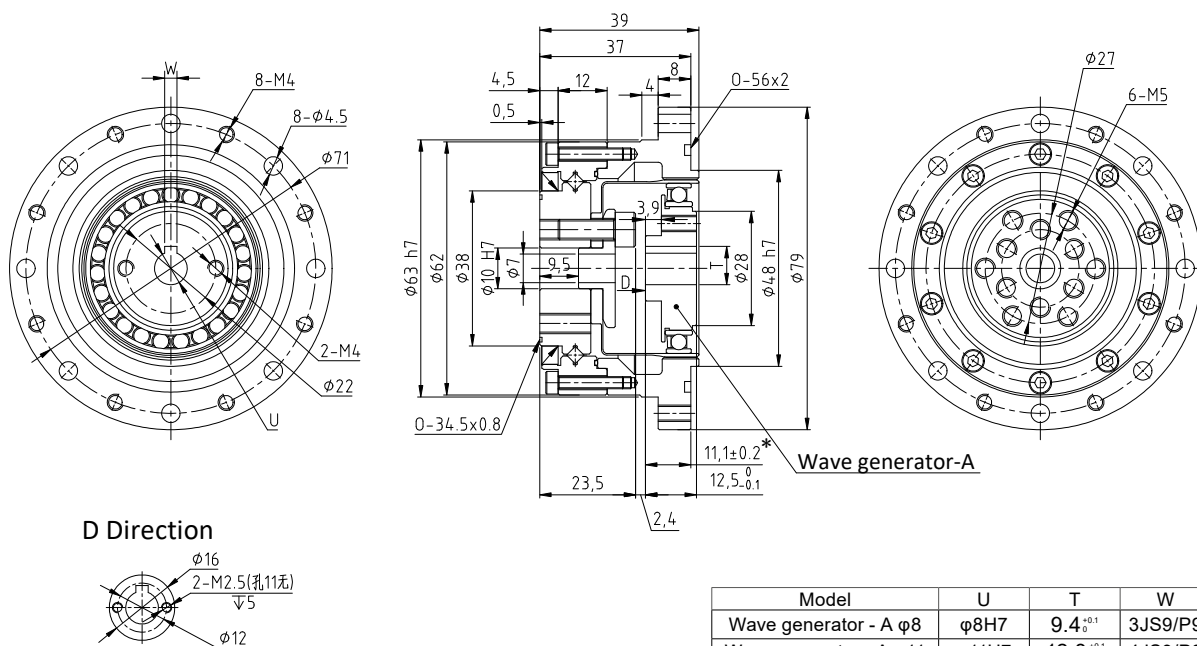
FSN-8-XX-U-I



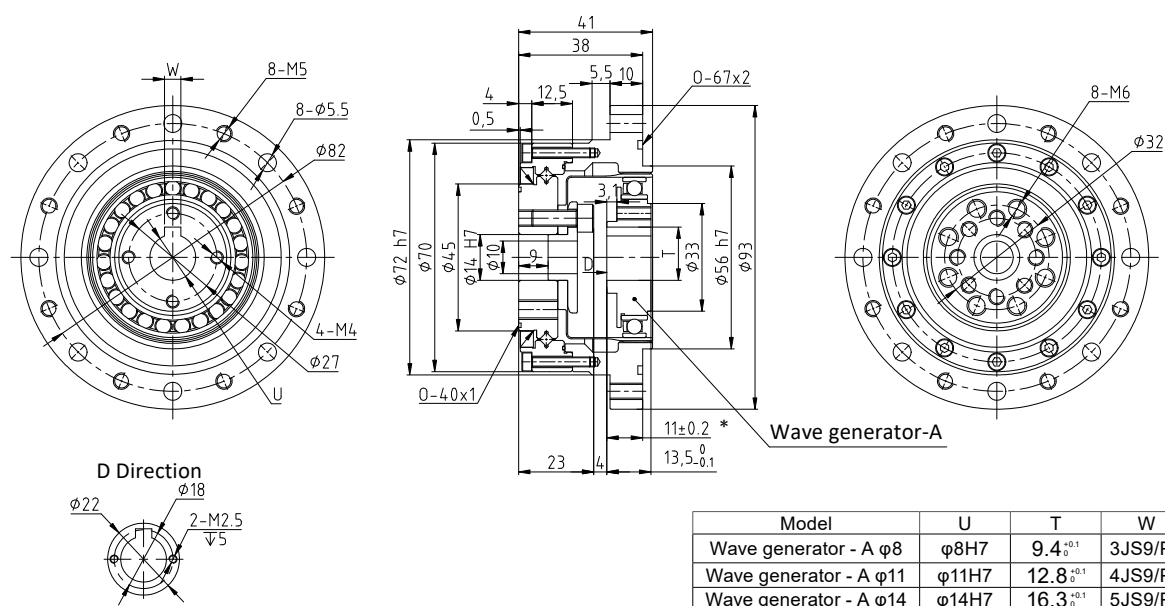
Model	Reduction ratio	Rated torque at input 2000r/min		Permissible peak torque at start/stop		Permissible max. value of ave.load torque		Instantaneous permissible max. torque		Permissible max. input rotational speed	Permissible ave. input rotational speed	Backlash	Weight	Design life
		N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	r/min	r/min	Arc Sec	kg	Hour
5	50	0.4	0.04	0.9	0.09	0.53	0.05	1.8	0.18	10000	6500	≤60	0.025	10000
	100	0.6	0.06	1.4	0.14	0.94	0.1	2.7	0.28					10000
8	50	1.8	0.18	3.3	0.34	2.3	0.23	6.6	0.67	8500	3500	≤30	0.08	10000
	100	2.4	0.24	4.8	0.49	3.3	0.34	9	0.92					10000

OUTLINE DRAWING

FSN-17-XX-U-I



FSN-20-XX-U-I

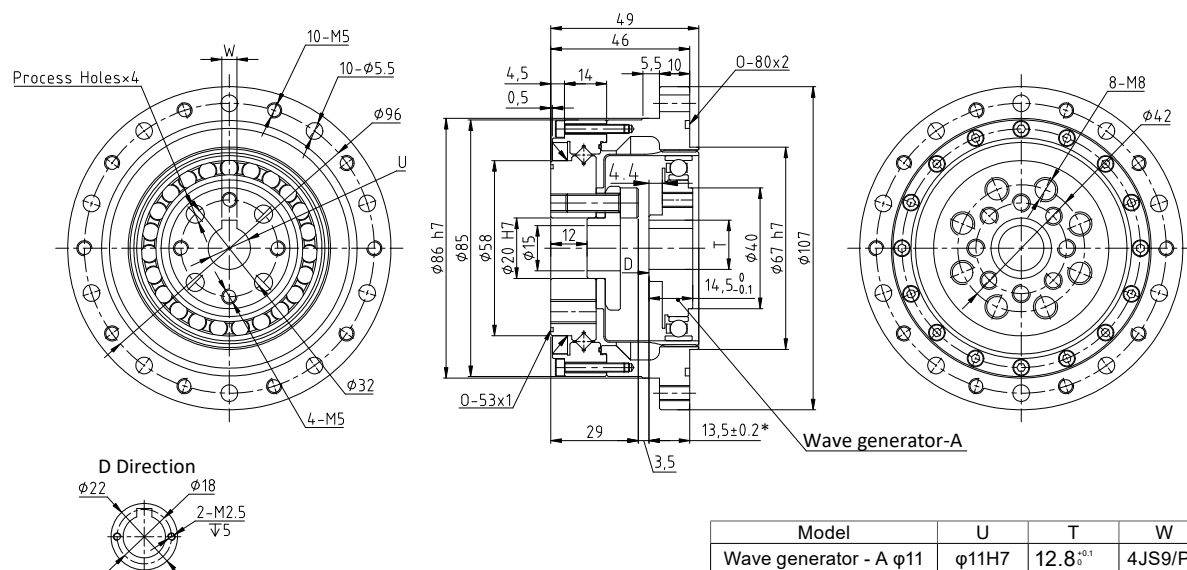


FSN-17-XX-U-I
FSN-20-XX-U-I

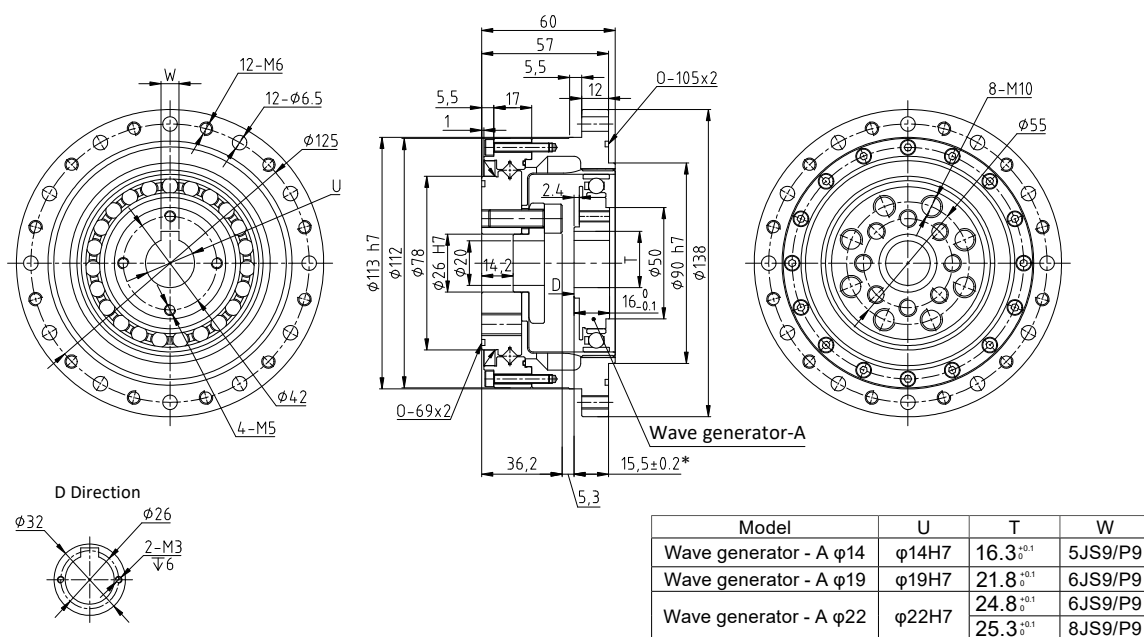
Model	Reduction ratio	Rated torque at input 2000r/min		Permissible peak torque at start/stop		Permissible max. value of ave. load torque		Instantaneous permissible max. torque		Permissible max. input rotational speed	Permissible ave. input rotational speed	Backlash	Weight	Design life
		N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	r/min	r/min	Arc Sec	kg	Hour
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500	≤20	0.52	10000
	80	22	2.2	43	4.4	27	2.7	87	8.9					15000
	100	24	2.4	54	5.5	39	4	108	11					15000
	120	24	2.4	54	5.5	39	4	86	8.8					15000
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500	≤20	0.73	10000
	80	34	3.5	74	7.5	47	4.8	127	13					15000
	100	40	4.1	82	8.4	49	5	147	15					15000
	120	40	4.1	87	8.9	49	5	147	15					15000
	160	40	4.1	92	9.4	49	5	147	15					15000

OUTLINE DRAWING

FSN-25-XX-U-I

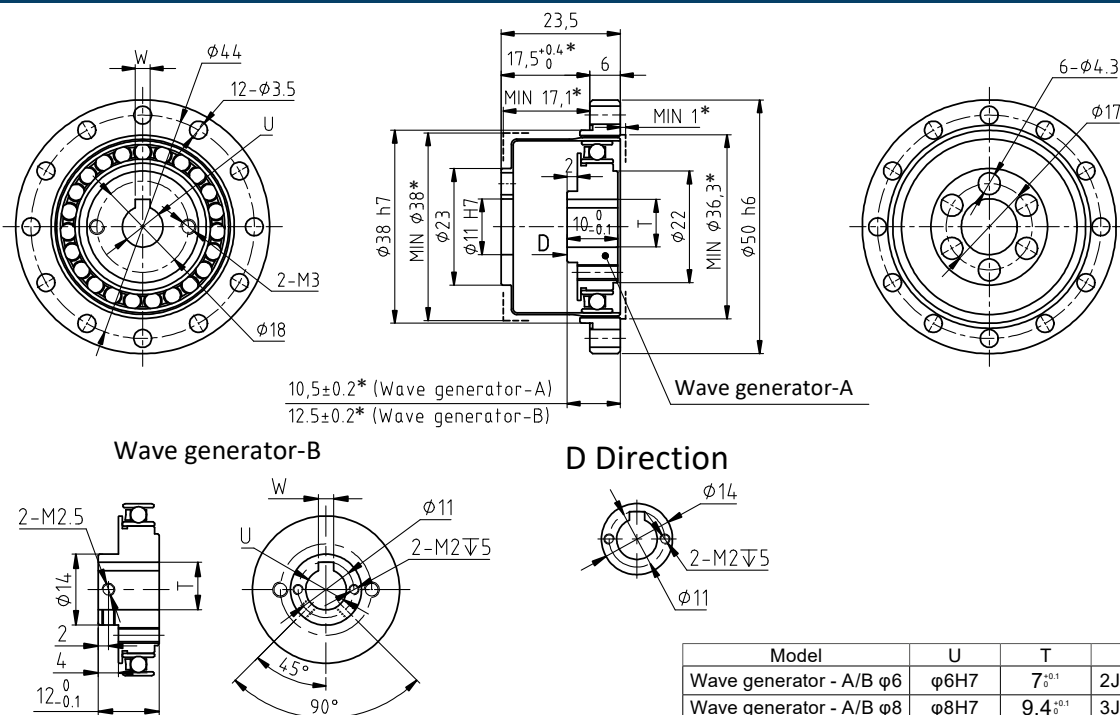


FSN-32-XX-U-I



Model	Reduction ratio	Rated torque at input 2000r/min		Permissible peak torque at start/stop		Permissible max. value of ave. load torque		Instantaneous permissible max. torque		Permissible max. input rotational speed	Permissible ave. input rotational speed	Backlash	Weight	Design life
		N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	r/min	r/min	Arc Sec	kg	Hour
25	50	39	4	98	10	55	5.6	186	19	5600	3500	≤20	1.14	10000
	80	63	6.4	137	14	87	8.9	255	26					15000
	100	67	6.8	157	16	108	11	284	29					15000
	120	67	6.8	167	17	108	11	304	31					15000
	160	67	6.8	176	18	108	11	314	32					15000
32	50	76	7.8	216	22	108	11	382	39	4800	3500	≤20	2.47	10000
	80	118	12	304	31	167	17	568	58					15000
	100	137	14	333	34	216	22	647	66					15000
	120	137	14	353	36	216	22	686	70					15000
	160	137	14	372	38	216	22	686	70					15000

FSG-14-XX-C-I



Model	U	T	W
Wave generator - A/B $\phi 6$	$\phi 6H7$	$7^{+0.1}_0$	2JS9/P9
Wave generator - A/B $\phi 8$	$\phi 8H7$	$9.4^{+0.1}_0$	3JS9/P9

Model	Reduction ratio	Rated torque at input 2000r/min		Permissible peak torque at start/stop		Permissible max. value of ave.load torque		Instantaneous permissible max. torque		Permissible max. input rotational speed	Permissible ave. input rotational speed	Backlash	Weight	Design life
		N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	N·m	Kgf·m	r/min	r/min	Arc Sec	kg	Hour
40	50	137	14	402	41	196	20	686	70	4000	3000	≤20	3.64	10000
	80	206	21	519	53	284	29	980	100					15000
	100	265	27	568	58	372	38	1080	110					15000
	120	294	30	617	63	451	46	1180	120					15000
	160	294	30	647	66	451	46	1180	120					15000
14	50	7	0.7	23	2.3	9	0.9	46	4.7	8500	3500	≤20	0.09	10000
	80	10	1	30	3.1	14	1.4	61	6.2					15000
	100	10	1	36	3.7	14	1.4	70	7.2					15000