

LFS series



LFS series

A combination product that with light weight, ultra-flat. Using cross-roller bearing.

LFS Integrated series

Combined harmonic reducer with the high-performance small motor, with the highest input characteristics under the same gear conditions.

Application

Industrial robot

Service Robots

Medical Devices

Automation and special equipment

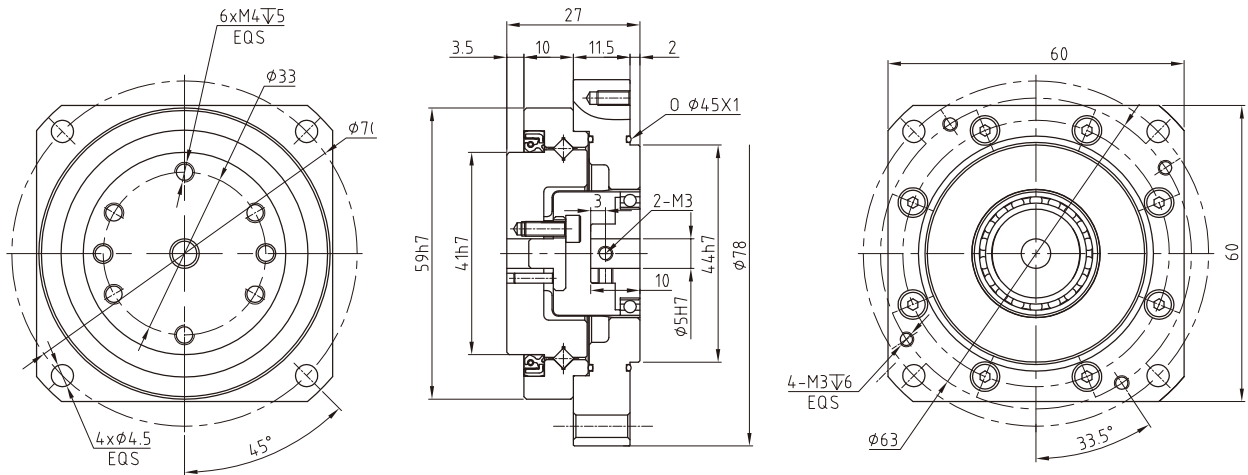
LFS-I

LFS Integrated series

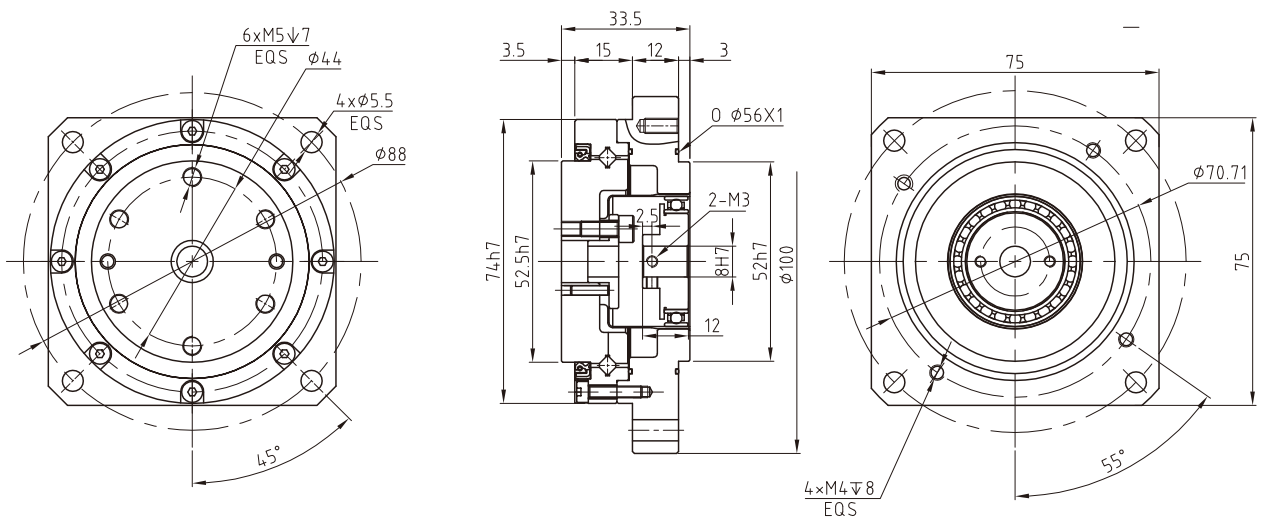
Rated parameter table of LFS series

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(Grease)	Permissible average input rotational speed(Grease)	backlash	Design life
		Nm	Kgfm	Nm	Kgfm	Nm	Kgfm	Nm	Kgfm	r/min	r/min	Arc Sec	Hour
11	50	3.5	0.4	8.3	0.9	5.5	0.6	17	1.7	8500	3000	≤20	10000
	80	5	0.5	11	1.1	8.9	0.9	25	2.5				
	100	5	0.5	11	1.1	8.9	0.9	25	2.5				
14	50	5.4	0.6	18	1.8	6.9	0.7	35	3.6	8500	3000	≤20	10000
	80	7.8	0.8	28	2.9	11	1.1	54	5.5				
	100	7.8	0.8	28	2.9	11	1.1	54	5.5				

LFS-11-XX-U-I



LFS-14-XX-U-I



■ For detailed information of product, please confirm it with delivery specification figure..