

ER-F4CF-D30 Motion Control Drives



Zero backlash, minimal lost motion and high torsional stiffness. These reducers excel in applications that demand accurate positioning, such as industrial robotics and automated production equipment.

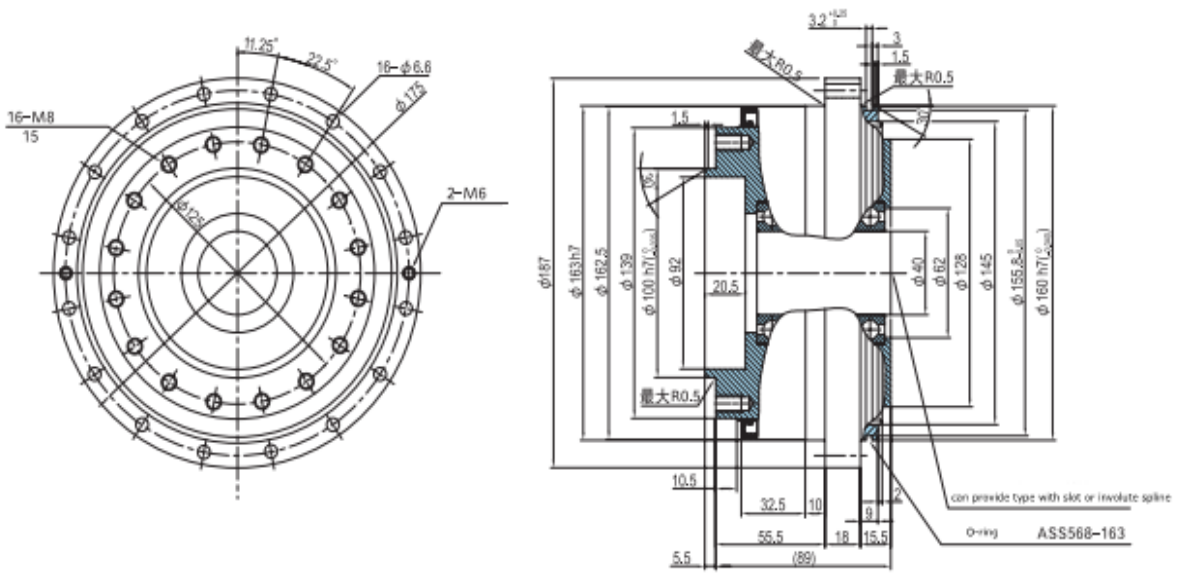
Features:

- Highly shock load capacity
- Compact size and high torsional stiffness
- Small hysteresis loss
- High efficiencies and low vibration
- Multiple configurations for application flexib

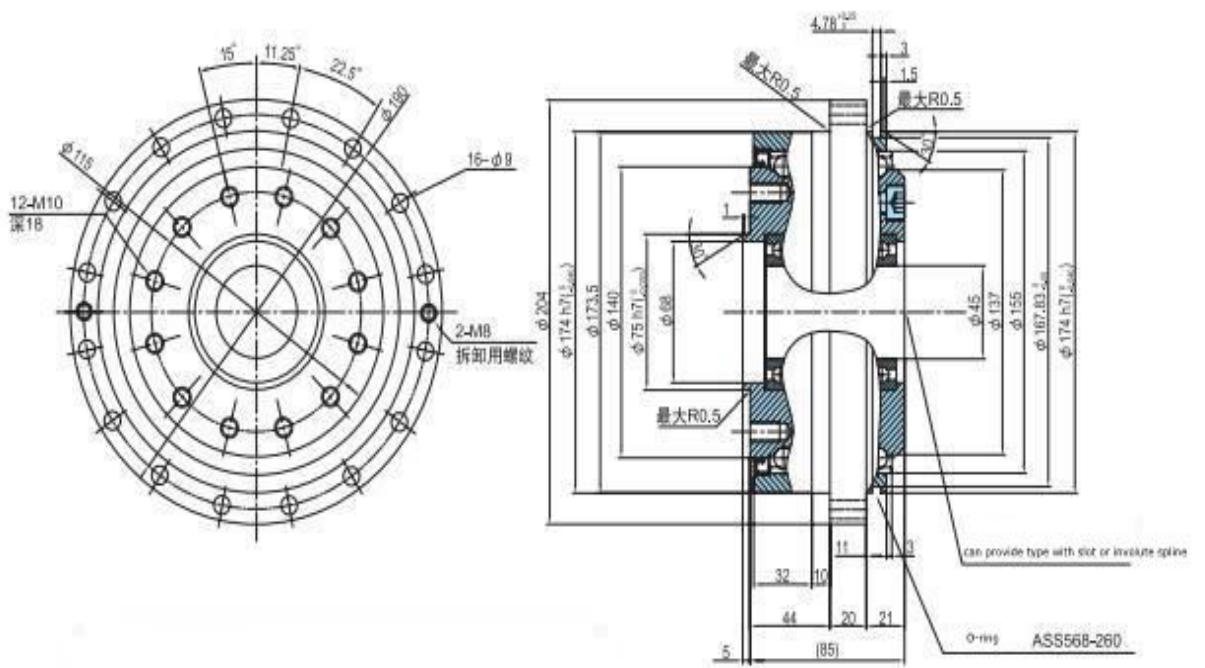
Parameter:

- Gear ratios 29:1 to 179;1 single-stage
- Rated torque up to 5,140 Nm
- Acceleration torque up to 7,610 Nm

ER-F4CF-D30



ER-F4CF-D35



Input rpm (r/min)		4000			3000			2500			2000			1750		
Frame No.	speed ratio	Rated output torque (上/N·m) (下/kgf·m)	Input rpm (r/min)	Allowable input power (kW)	Rated output torque (上/N·m) (下/kgf·m)	Input rpm (r/min)	Allowable input power (kW)	Rated output torque (上/N·m) (下/kgf·m)	Input rpm (r/min)	Allowable input power (kW)	Rated output torque (上/N·m) (下/kgf·m)	Input rpm (r/min)	Allowable input power (kW)	Rated output torque (上/N·m) (下/kgf·m)	Input rpm (r/min)	Allowable input power (kW)
D15	59	128 13.0	67.8	1.13	139 14.2	50.8	0.93	147 15.0	42.4	0.82	157 16.1	a33.9	0.70	164 16.7	29.7	0.64
	89	128 13.0	44.9	0.75	139 14.2	33.7	0.61	147 15.0	28.1	0.54	157 16.1	22.5	0.46	164 16.7	19.7	0.42
D25	59	275 28.1	67.8	2.44	300 30.6	50.8	2.00	317 32.4	42.4	1.76	339 34.6	33.9	1.50	353 36.0	29.7	1.37
	89	275 28.1	44.9	1.62	300 30.6	33.7	1.32	317 32.4	28.1	1.16	339 34.6	22.5	1.00	353 36.0	19.7	0.91
	119	275 28.1	33.6	1.21	300 30.6	25.2	0.99	317 32.4	21.0	0.87	339 34.6	16.8	0.75	353 36.0	14.7	0.68
D30	59				392 40.0	50.8	2.61	414 42.3	42.4	2.30	443 45.2	33.9	1.96	461 47.0	29.7	1.79
	89				392 40.0	33.7	1.73	414 42.3	28.1	1.52	443 45.2	22.5	1.30	461 47.0	19.7	1.19
	119				392 40.0	25.2	1.29	414 42.3	21.0	1.14	443 45.2	16.8	0.97	461 47.0	14.7	0.89
D35	59				554 56.6	50.8	3.69	586 59.8	42.4	3.25	626 63.9	33.9	2.78	652 66.5	29.7	2.53
	89				554 56.6	33.7	2.44	589 59.8	28.1	2.15	626 63.9	22.5	1.84	652 66.5	19.7	1.68
	119							589 59.8	21.0	1.61	626 63.9	16.8	1.38	652 66.5	14.7	1.25
D45	59							1145 117	42.4	6.35	1224 125	33.9	5.43	1274 130	29.7	4.94
	89							1145 117	28.1	4.21	1224 125	22.5	3.60	1274 130	19.7	3.28
	119							1145 117	21.0	3.15	1224 125	16.8	2.69	1274 130	14.7	2.45