

KCEHM-R120 Series

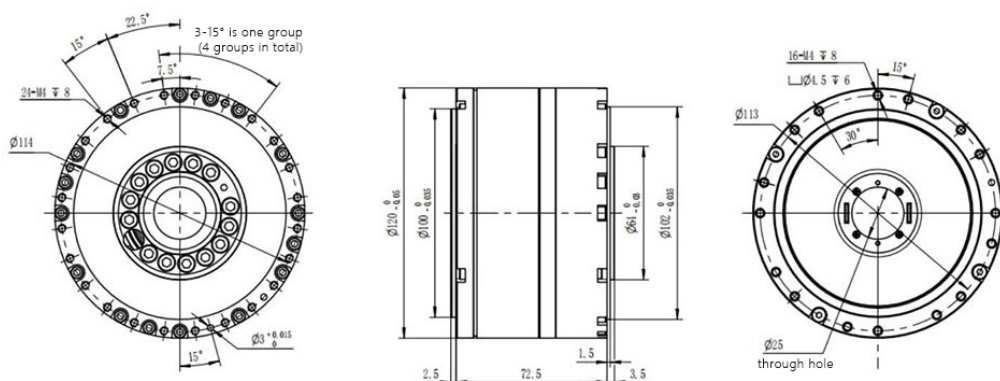


The product can effectively replace some direct-drive motors and hollow rotary platforms. Rotating actuators such as precision cam splitters and servo-integrated high-ratio planetary reducers. The harmonic reducer is combined with a standard servo motor or a stepper motor.

Feature

In the field of collaborative robots, Further reduce the volume and weight of the robot joint module, Implement a highly integrated transmission joint module solution

Drawing



Technical specifications of KCEHM-R120 Series module

Serial number	Module	Configuration	Output speed (RPM)	Rated torque (Nm)	Peak torque (Nm)	Back seam (Arcsec)
1	Mechanical properties	51:1	40	66	165	15
2		101:1	20	131	300	15
3		161:1	12	200	500	15
4	Electrical characteristics	Rated voltage (V)	Rated power (W)	Rated speed (RPM)	Rated current (A)	Peak current (A)
5		48	732	3500	15	45
6	Encoder	Dual encoder, single loop absolute value: 19 bits per loop				
7	Drive	Interface: EtherCAT/CAN, Current Loop: 50KHz, Speed Loop: 10KHz				
8	Overall dimensions	R120*75.5mm				
9	Total weight	2.5kg				
10	Typical applications	Hip joint, waist				