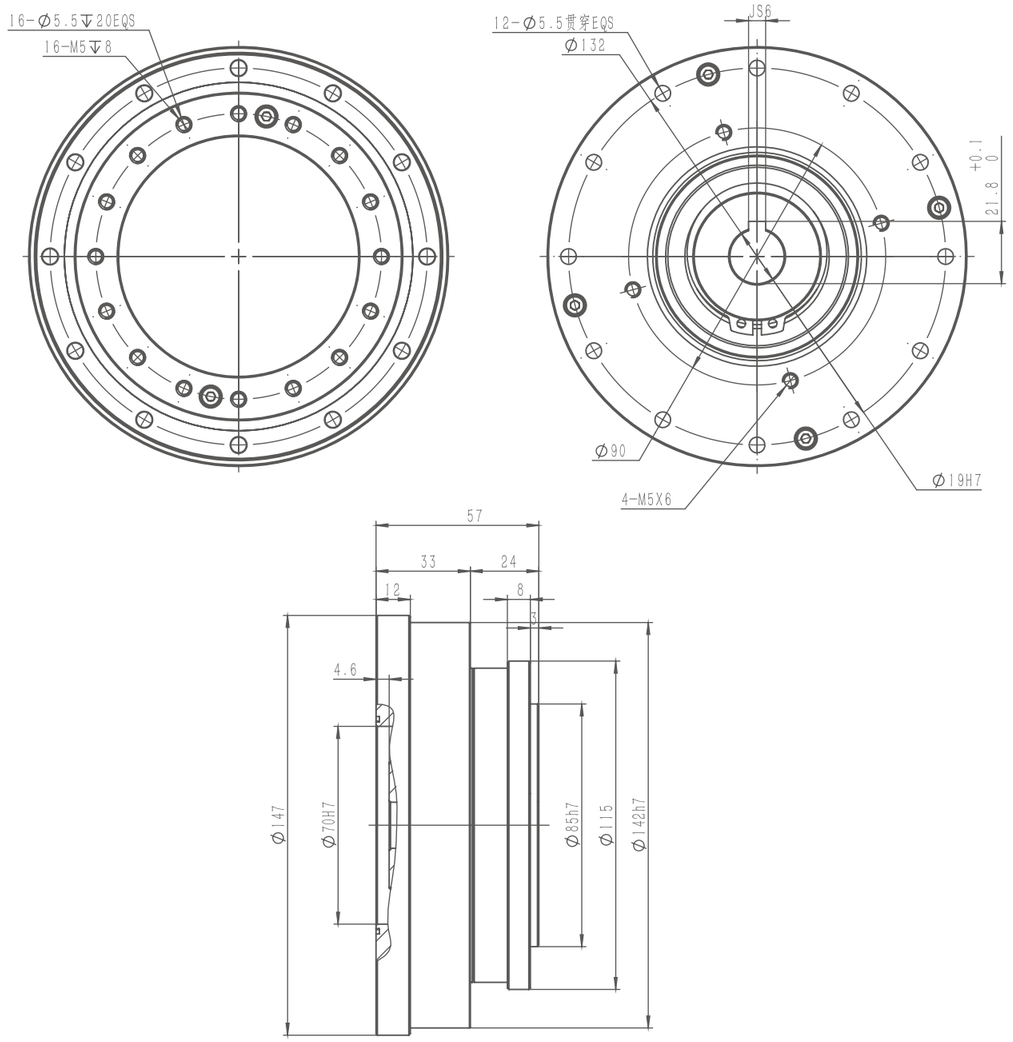
YT-32-XX-U-I

结构图 STRUCTURE CHART

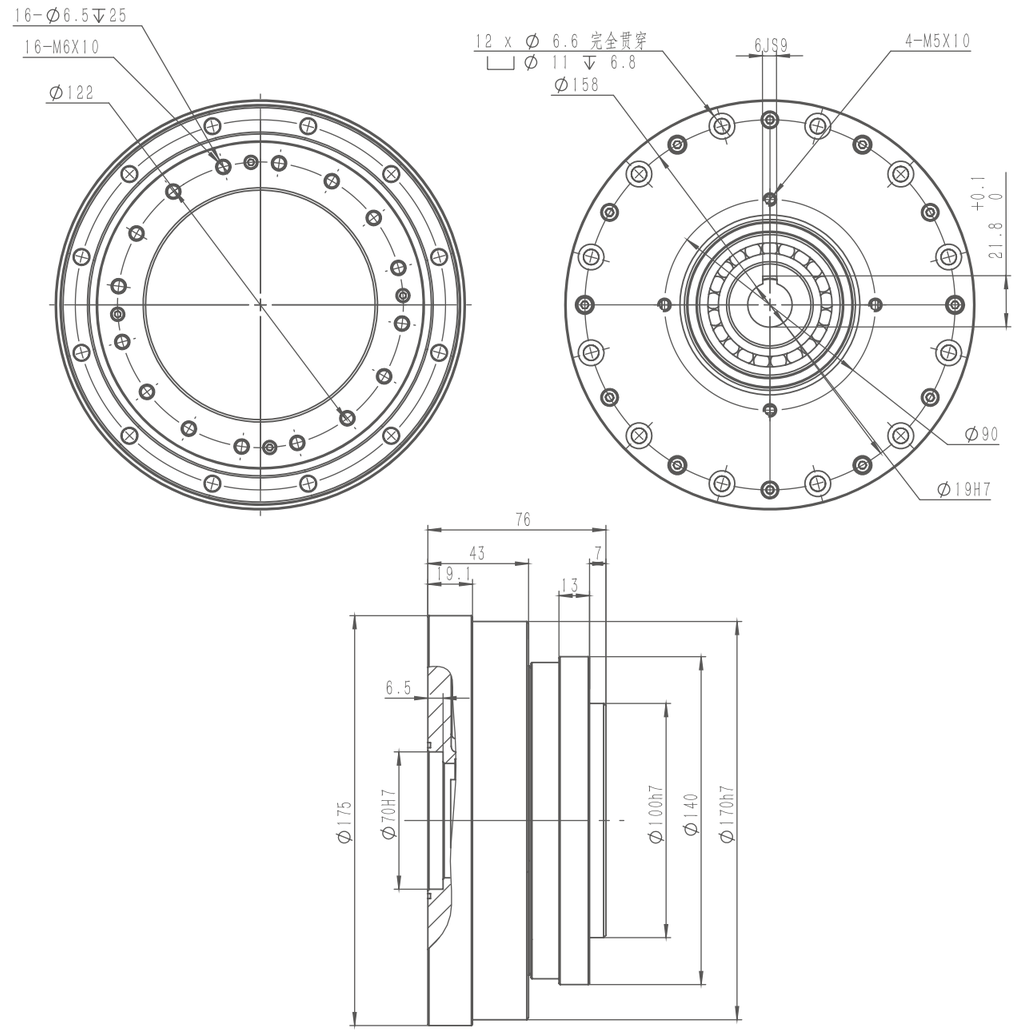
帽型32谐波一体机 Hat type 32-Integratives structure harmonic drive



YT-40-XX-U-I (YT-40-80-19K)

结构图 STRUCTURE CHART

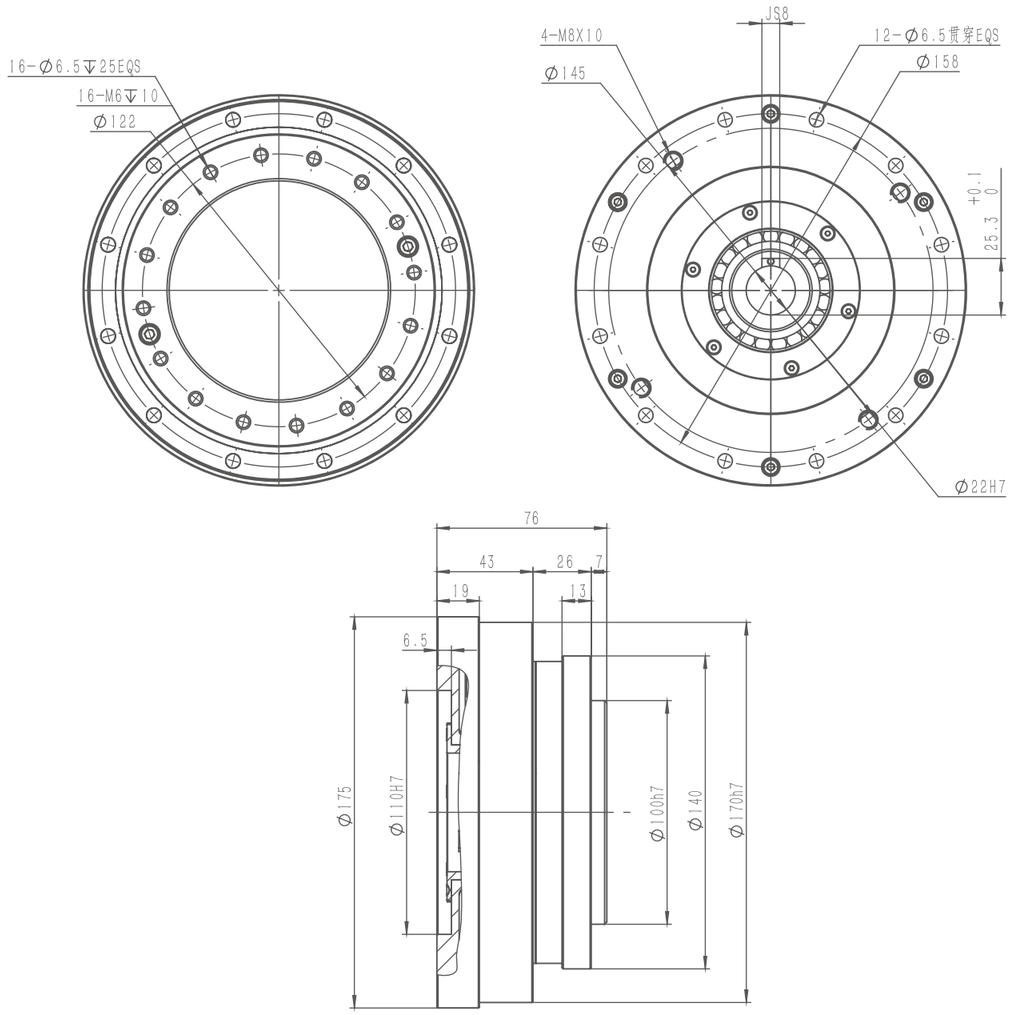
帽型40谐波一体机 Hat type 40-Integratives structure harmonic drive



YT-40-XX-U-I (YT-40-130-22K)

结构图 STRUCTURE CHART

帽型40谐波一体机 Hat type 40-Integratives structure harmonic drive



YC SERIES

低噪音 Low noise
大扭力 Large torque
高精度 High-precision
耐磨耐用 Wear resistance and durability
使用寿命长 Long service life

YC系列谐波减速器
YC series harmonic reducer





SERIES INTRODUCTION
系列介绍

YC 系列Series

YC是基于HC系列开发的产品，每个型号都有用于支撑外部负载，具有高刚性的交叉滚子轴承。每个型号都有相对应的伺服电机法兰，直接与减速机相连。

YC is a product developed based on the HC series, each model has cross roller bearings with high rigidity for supporting external loads. Each model has a corresponding servo motor flange, which is directly connected to the gearbox.

应用领域 Application

工业机器人 Industrial robots

服务机器人 Service robots

医疗器械设备 Medical Devices

自动化及特种设备 Automation and special equipment

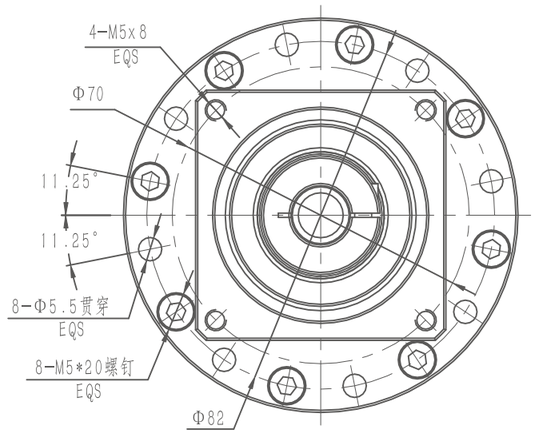
YC系列额定参数表 Rated parameter table of YC series

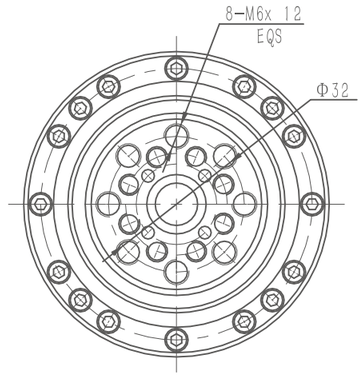
型号 Model	速比 Reduction ratio	输入2000r/min时的额定转矩 Rated torque at 2000r/min input		起动停止时的容许峰值转矩 Permissible peak torque at start and stop		平均负载转矩的容许最大值 Permissible maximum value for average load torque		瞬间容许最大转矩 Permissible maximum momentary torque		容许最高输入转速（脂润滑） Permissible maximum input rotational speed (Grease)	容许平均输入转速（脂润滑） Permissible average input rotational speed (Greaae)	背隙 Backlash	设计寿命 Design life
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	Hour
20	30	15	1.5	27	2.8	20	2.0	50	5.1	6500	3500	≤20	10000
	50	25	2.5	56	5.7	34	3.5	98	10				10000
	80	34	3.5	74	7.5	47	4.8	127	13				15000
	100	40	4.1	82	8.4	49	5.0	147	15				15000
	120	40	4.1	87	8.9	49	5.0	147	15				15000
	160	40	4.1	92	9.4	49	5.0	147	15				15000
25	30	27	2.8	50	5.1	38	3.9	95	9.7	5600	3500	≤20	10000
	50	39	4.0	98	10	55	5.6	186	19				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
32	30	54	5.5	100	10	75	7.7	200	20	4800	3500	≤20	10000
	50	76	7.8	216	22	108	11	382	39				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

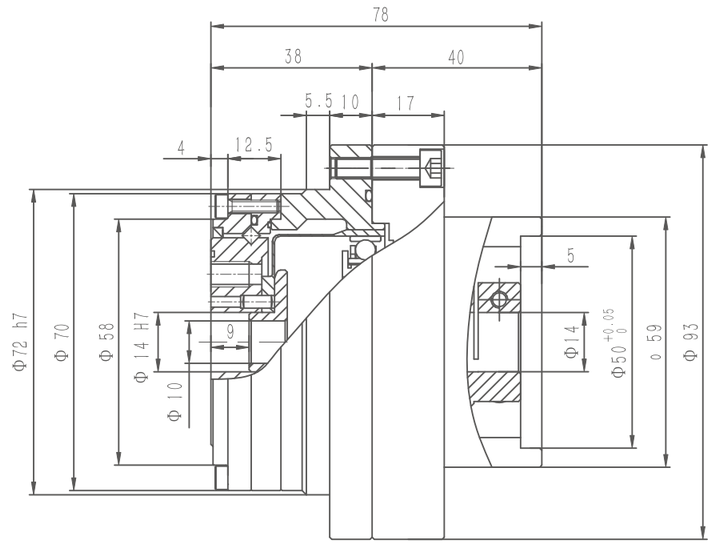
YC-20-XX-U-I

结构图 STRUCTURE CHART

20谐波一体机 Hat type 20-Integratives structure harmonic drive



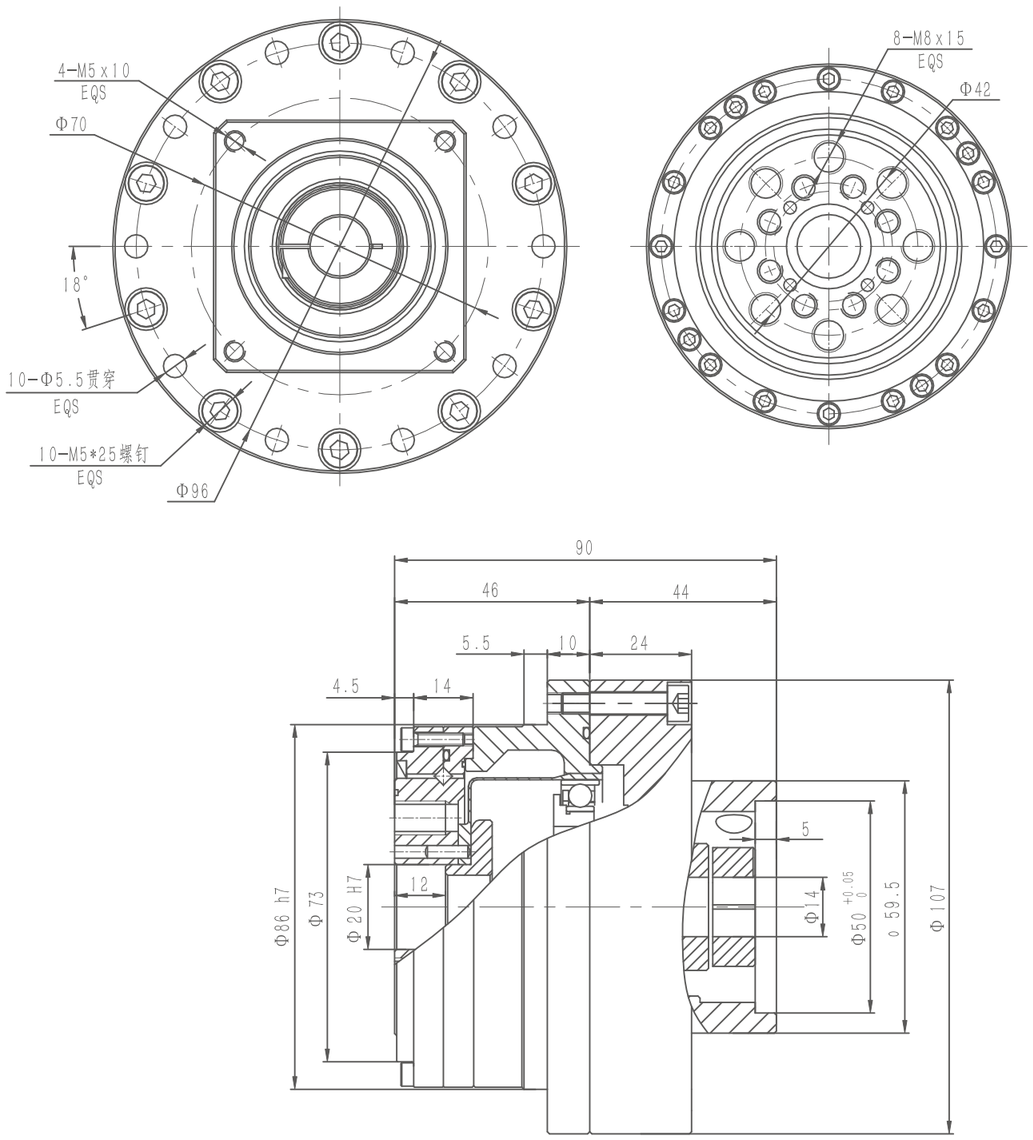




YC-25-XX-U-I

结构图 STRUCTURE CHART

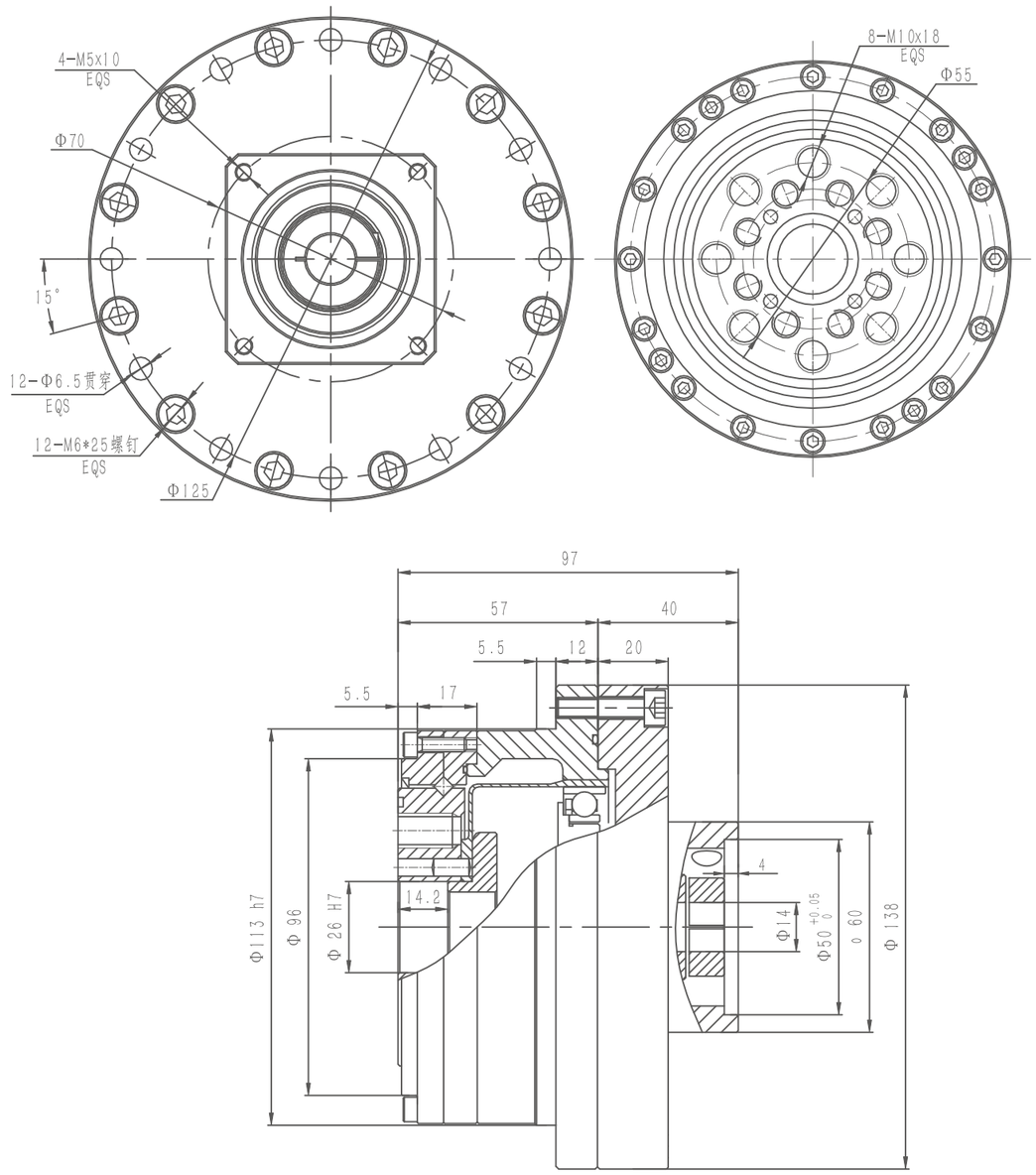
25谐波一体机 Hat type 25-Integratives structure harmonic drive



YC-32-XX-U-400W

结构图 STRUCTURE CHART

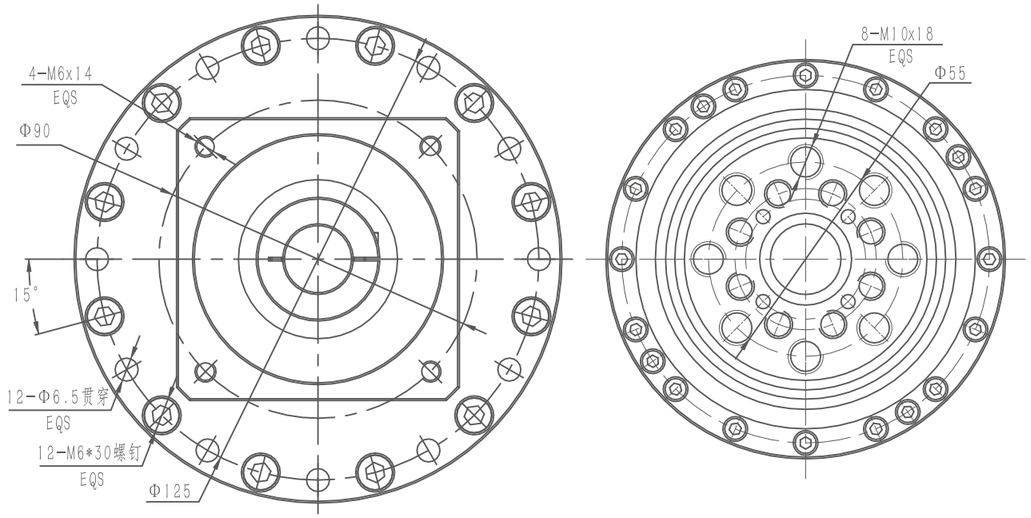
32谐波一体机 Hat type 32-Integratives structure harmonic drive

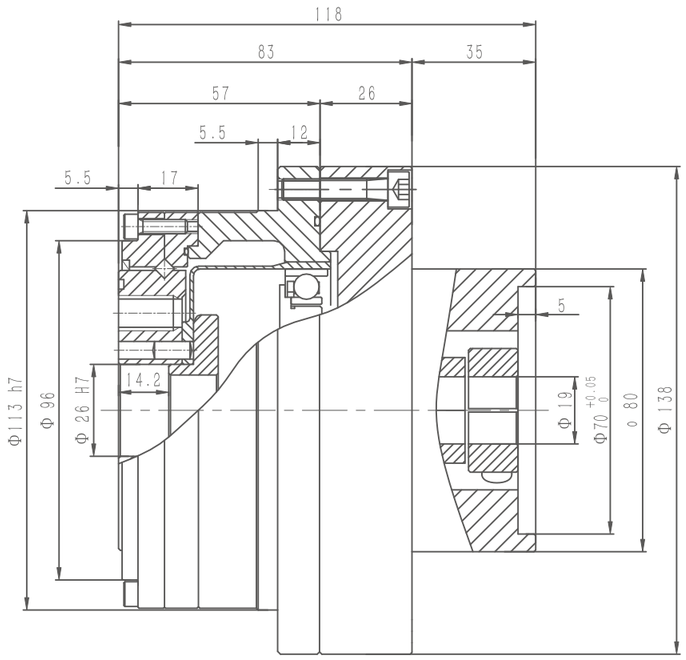


YC-32-XX-U-750W

结构图 STRUCTURE CHART

32谐波一体机 Hat type 32-Integratives structure harmonic drive





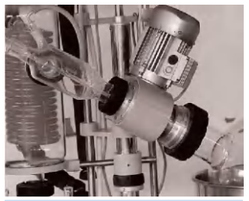
APPLICATION 主要采用市场



金属机床
Metal Working Machine



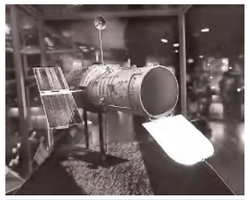
金属加工机械
Processing Machines



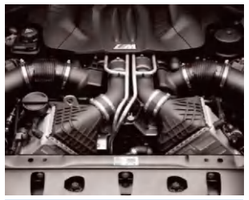
测定·分析·试验设备
Measurement, Analytical and Test Systems



医疗机械
Medical Equipment



望远镜
Telescopes



能量相关
Energy



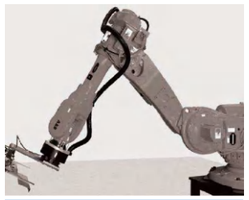
通信设备
Communication Equipment



包装·装箱设备
Crating and Packaging Machines



航天设备
Space Equipment



机器人
Robots



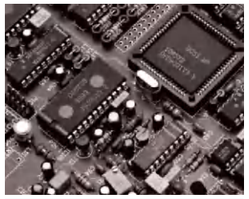
人型机器人
Humanoid Robots



玻璃·陶瓷制造装置
Glass and Ceramic Manufacturing Systems



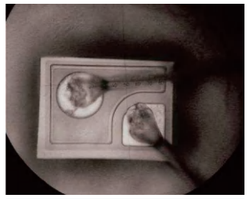
印刷·装订·纸品加工机械
Printing, Bookbinding and Paper



印刷电路制造装置
Printed Cirauit Board Manufacturing Machines



航空器相关
Aircraft



半导体制造装置
Semiconductor Manufacturing Systems



FPD制造装置
Flat Panel Display Manufacturing Systems



木材·轻金属·塑料加工机床
Wood, Light Metal and Plastic Machine Tools



制造机械
Paper-making Machines



光学相关机械
Optical Machines