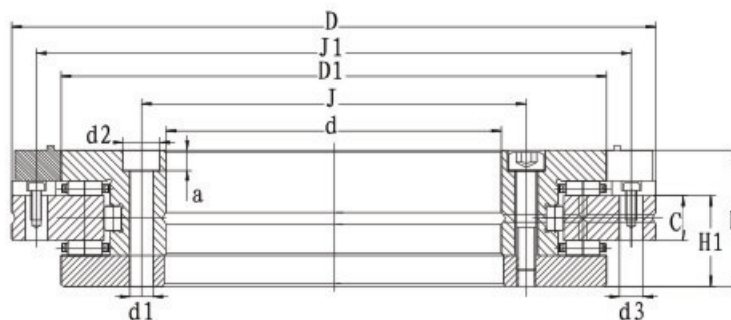


YRTM系列/YRTM series



型号 Model Number	外形尺寸 boundary dimensions								基本额定载荷 Basic load rating (KN)				重量 Weight Kg
									轴向 axial		径向 radial		
	d	D	H	H1	C	d1	J	J1	动 dynamic load	静 static load	动 dynamic load	静 static load	
	单位 unit:mm								Ca	Coa	Cr	Cor	
YRTM150	150	240	40	26	12	214	165	225	112	630	56	170	6.2
YRTM180	180	280	43	29	15	244	194	260	118	710	69.5	200	7.7
YRTM200	200	300	45	30	15	274	215	285	120	765	81.5	220	9.7
YRTM260	260	385	55	36.5	18	345	280	365	160	1060	93	290	18.3
YRTM325	325	450	60	40	20	415	342	430	275	1930	120	345	25
YRTM395	395	525	65	42.5	20	486	415	505	300	2280	186	655	33
YRTM460	460	600	70	46	22	560	482	580	355	2800	200	765	45

注：YRTM转台轴承具有与YRT转台轴承相同安装尺寸和精度标准；
Notice: YRTM Rotary table bearings has the mounting dimensions as YRT bearings;

YRTM系列/YRTM series

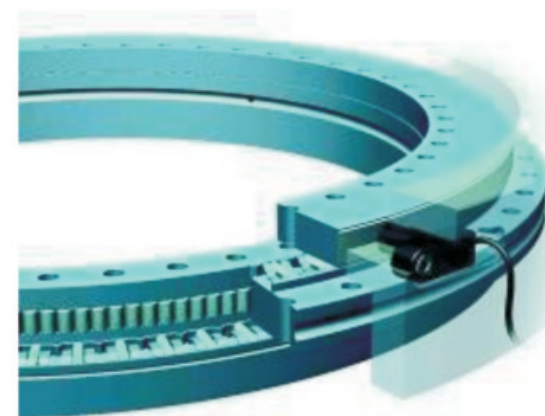
型号 Model Number	外形尺寸 boundary dimensions								基本额定载荷 Basic load rating (KN)				重量 Weight Kg
									轴向axial		径向 radial		
	d	D	H	H1	C	d1	J	J1	动 dynamic load	静 static load	动 dynamic load	静 static load	
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YRTM转台轴承是一种加装钢栅尺的双向推力圆柱滚子YRT组合轴承，实现实时监控和调整双向推力圆柱滚子组合轴承的旋转精度，以保证机器高精度运转。

带集成角度测量系统的转台轴承角位移的测量在现代工业加有着十分重要的作用，特别在机床行业中，往往对加工件的旋转角度有很高要求，这就需要对角件移进行精确的测量和控制。

Axial/radial bearing YRTM series correspond in the double direction thrust cylindrical roller combined bearing YRT ,but are additionally fitted with a steel ruler, to control and adjust the double direction thrust cylindrical roller bearing rotation accuracy, and guarantee the machine high precision operation.

Axial/radial bearings With magnetic dimensional scale play a very important role in modern industry, especially in the machine tool industry, the rotation angle of the workpiece tend to have high requirements, which require a diagonal move with precise measurement and control.



YRTM系列/YRTM series

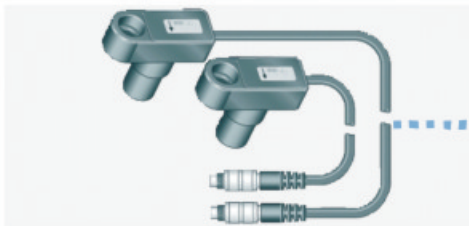
Axial/radial bearings
With magnetic dimensional scale

YRTM

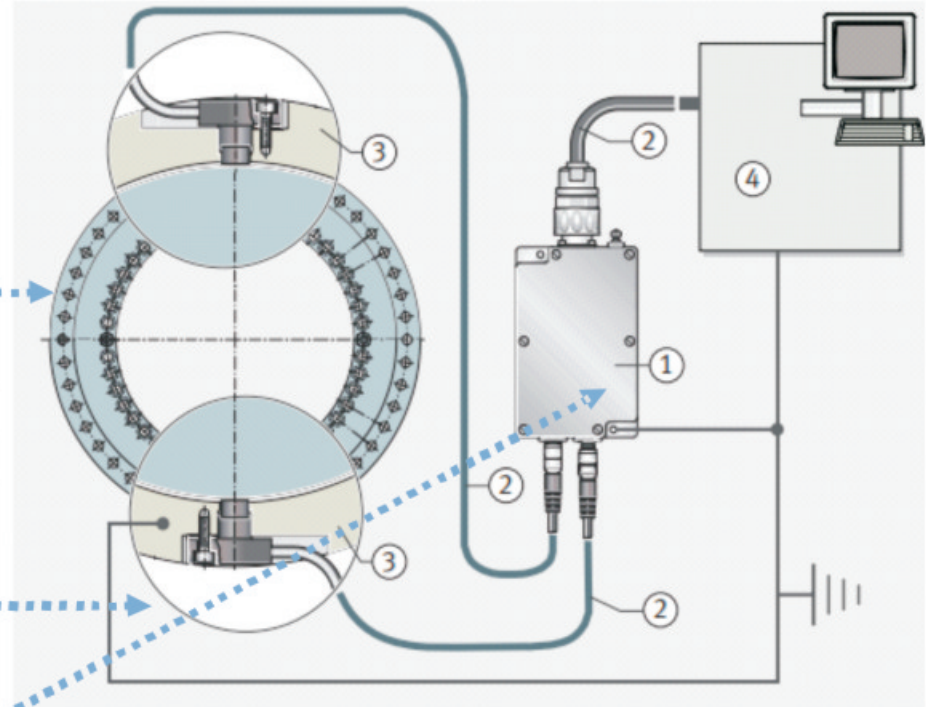


MEKO/U
electronic measuring system
Measuring heads

MEKO/U



Electronic evaluation system



结构介绍:整个钢栅系统包括钢栅尺、读数头、电子评估器三部分。钢栅尺安装在轴承的内圈上。读数头安装在轴承外圈上。工作时轴承旋转,钢栅尺和读数头做非接触式相对运动,通过感应采集来的数据经电缆传给电子评估器。电子评估器再将数据转换为方波或正弦波信号。这些信号输入到机床的数控系统中,就能实现对角位移的测量和控制。

Structure description: The magnetic system includes three parts: a steel grid scale, reading head, electronic evaluator. Steel grid scale mounted on the bearing inner ring. Reading head is mounted on the bearing outer ring. When the Bearing is rotation, steel grid scale and reading head to do non-contact relative motion, by induction collected

data through the cable passed the electronic evaluator. The data is converted to a square wave or sine wave signal by Electronic evaluator. These signals are input to CNC machine tool numerical control system, will be able to achieve the angular displacement measurement and control.