



Stainless steel balls



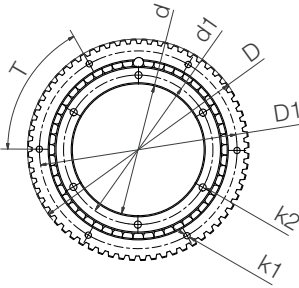
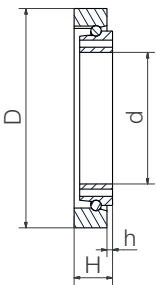
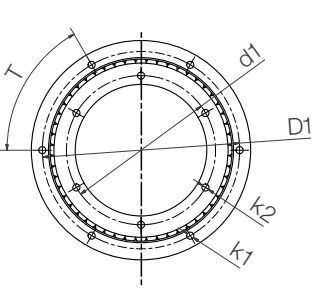
Glass balls



Stainless steel balls,
with cage made from
xirodur® B180



Stainless steel balls,
with outer drive ring (HDT5)



Technical data

Type	Load capacity		Max. permissible moment	Max. speed	Weight	
	Axial	Radial			ES	glass
	[N]	[N]			[Nm]	[rpm]
Standard with stainless steel or glass balls						
RT-01-60	800	720	40	350	111.68	98.3
RT-01-100	1,600	1,250	60	250	283.85	243.76
Slewing ring ball bearings with xirodur® B180 cage						
RT-01-40-B180-30	500	260	30	900	63.46	–
RT-01-60-B180-30	600	300	30	800	101.22	–
RT-01-100-B180-30	1,020	760	55	650	248.90	–
RT-01-150-B180-30	2,000	1,100	75	600	398.00	–
RT-01-400-B180-30	5,800	2,900	170	500	–	6338
Slewing ring ball bearings with outer drive ring						
RT-01-60HDT5-B180-30	800	720	40	320	97.00	–



Order example:

- BB-RT-01-60-ES = Standard slewing ring ball bearing with race material xirodur® B180 and stainless steel balls
- BB-RT-01-60-B180-30-ES = Slewing ring ball bearing with race material xirodur® B180, xirodur® B180 cage and stainless steel balls
- BB-RT-01-60-HDT5-B180-ES = Slewing ring ball bearing with race material xirodur® B180, outer drive ring and stainless steel balls
- BB-RT-01-60-HDT5-B180-30-ES = Slewing ring ball bearing with race material xirodur® B180, outer drive ring, xirodur® B180 cage and stainless steel balls



Order key

Type	Design	Material
Ball bearings	Slewing ring ball bearings	Type 01
Inner Ø	Ball material	

BB-RT-01-60-ES

- Options
- Ball material
- ES = Stainless steel
- GL = Glass



Order key with cage

Type	Design	Material
Ball bearings	Slewing ring ball bearings	Type 01
Inner Ø	Race material	Cage material
Ball material		

BB-RT-01-60-B180-30-ES

Dimensions [mm]

d	d1	D	D1	h	H	T	k1	k2	Part No.
Standard with stainless steel or glass balls									
60	68	100	90	2.5	17.5	60	3.3	3.3	BB-RT-01-60-ES
100	110	160	150	5.0	20.0	60	5.2	5.2	BB-RT-01-100-ES
Slewing ring ball bearings with xirodur® B180 cage									
40	47	80	72	2.5	15	60	3.3	3.3	BB-RT-01-40-B180-30-ES
60	68	100	90	2.5	17.5	60	3.3	3.3	BB-RT-01-60-B180-30-ES
100	110	160	150	5.0	20	60	5.2	5.2	BB-RT-01-100-B180-30-ES
150	163	210	197	5.0	20	60	6.1	6.1	BB-RT-01-150-B180-30-ES
400	450	600	550	10.0	40	51.43	8.0	8.0	BB-RT-01-400-B180-30-GL
Slewing ring ball bearings with outer drive ring									
60	68	100	90	2.5	17.5	60	M3	3.3	BB-RT-01-60HDT5-B180-30-ES



Available
from stock



3D CAD files, prices and delivery time online ► www.igus.eu/xiros 931

930 Online tools and more information ► www.igus.eu/xiros

