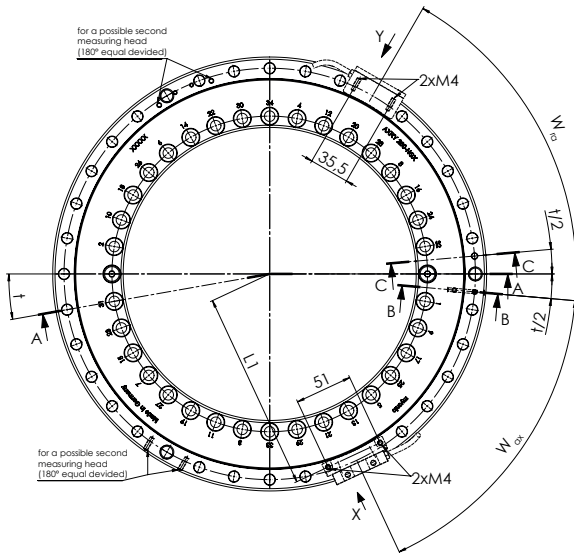
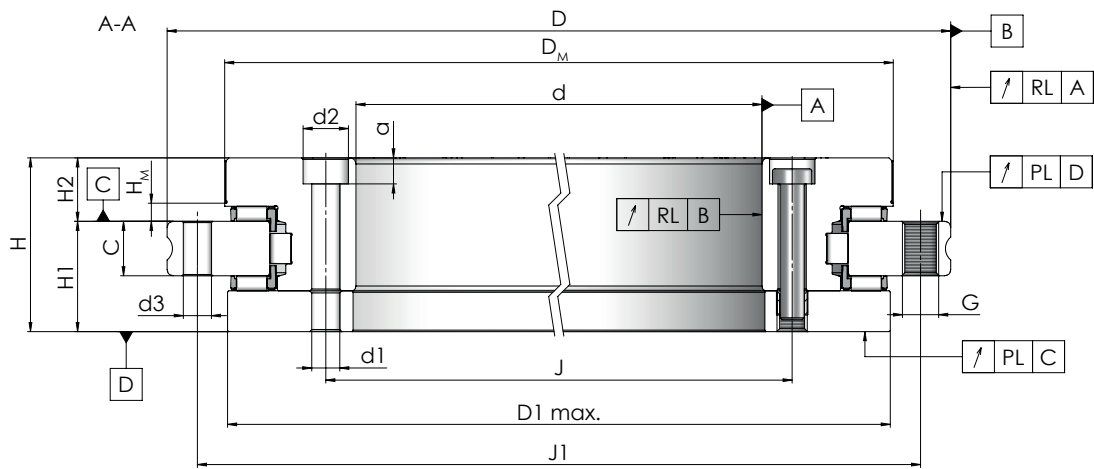
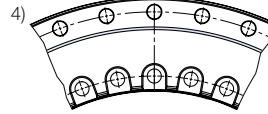


Dimensions table AXRY-NGX-MA

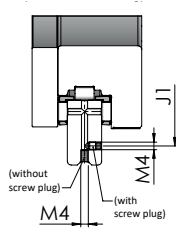


- 1) Including fastening screws or extraction thread.
- 2) Tightening torque for screws acc. DIN 912, strength class 10.9.
- 3) Attention! For fixing holes in the adjacent construction. Observe the pitch of the bearing bores.
- 4) Screw counterbores in large L-ring open to bearing bore. Bearing inside diameter is not supported in this area.
- 5) Please enquire in case of high speed applications.
- 6) Result after in-house assembly: measuring rpm $n_{const} = 5 \text{ min}^{-1}$; with myonic standard grease and standard amount; without supporting ring; bearing frictional torque can raise by a factor of 2,5 towards limiting speed value

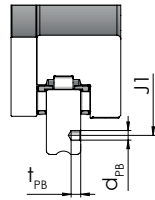


Designation	Mass	Dimensions [mm]																
		d	tol. d	D	tol. D	H	H1	tol. H1	tol. H1	H2	tol. H2	tol. H2	C	D1	J	J1	D _M	H _M
[kg]								standard	restricted		standard	restricted		max				
AXRY 180-NGX-MA	-	180	-0,013	280	-0,018	50	29	±0,03	-	21	±0,025	-	15	244	194	260	245,1	6
AXRY 200-NGX-MA	9,9	200	-0,015	300	-0,018	51	30	±0,03	-	21	±0,025	-	15	274	215	285	274,3	6
AXRY 260-NGX-MA	18,4	260	-0,018	385	-0,020	57,5	36,5	±0,04	-	21	±0,025	-	18	345	280	365	346,9	6
AXRY 325-NGX-MA ¹⁾	25,2	325	-0,023	450	-0,023	61	40	±0,05	-	21	±0,025	-	20	415	342	430	415,1	6
AXRY 395-NGX-MA	32,6	395	-0,023	525	-0,028	65	42,5	±0,05	-	22,5	±0,025	-	20	486	415	505	487,7	6
AXRY 460-NGX-MA	45,3	460	-0,023	600	-0,028	70	46	±0,06	-	24	±0,03	-	22	560	482	580	560,9	9
AXRY 580-NGX-MA	86,3	580	-0,025	750	-0,035	90	60	±0,25	±0,075	30	±0,25	±0,03	30	700	610	720	699,7	9
AXRY 650-NGX-MA	165,3	650	-0,038	870	-0,050	122	78	±0,25	±0,1	44	±0,25	±0,03	34	800	680	830	799,0	21

B-B*
(1x Lubrication bore)

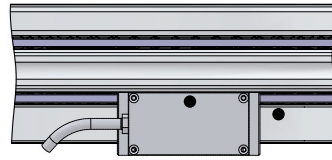


C-C
(1x Positioning bore)

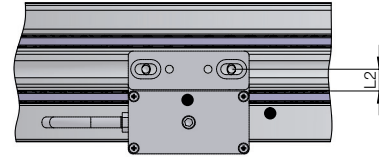


***Note:** In the case of axial lubrication, please remove the screw plug and seal off the radial lubrication!

X



Y



Measuring head only represented symbolically
(not included in scope of delivery)

Designation	Fixing holes													Positioning bore		
	Outer ring			Inner ring			Extraction thread	Number x Pitch	Screw tightening torque	Fastening thread for measuring head				diameter	depth	
	d1	d2	a	Number ³⁾	d3	Number ³⁾				L1	W _{ax}	L2	W _{ra}			
					G	Number	n x t ¹⁾	M _A ²⁾ [Nm]					d _{PB} [mm]	t _{PB} [mm]		
AXRY 180-NGX-MA	7	11	6,4	46	7	45	M8	3	48x 7,5°	14	127,0	56,25°	7,5	63,75°	5	5
AXRY 200-NGX-MA	7	11	6,4	46	7	45	M8	3	48x 7,5°	14	141,6	56,25°	7,5	63,75°	5	5
AXRY 260-NGX-MA	9,3	15	8,6	34	9,3	33	M12	3	36x 10°	34	177,2	60°	9	65°	5	5
AXRY 325-NGX-MA⁴⁾	9,3	15	8,6	34	9,3	33	M12	3	36x 10°	34	212,5	55°	10	65°	5	5
AXRY 395-NGX-MA	9,3	15	8,6	46	9,3	45	M12	3	48x 7,5°	34	249,0	60°	10	63,75°	5	5
AXRY 460-NGX-MA	9,3	15	8,6	46	9,3	45	M12	3	48x 7,5°	34	285,6	56,25°	11	63,75°	5	5
AXRY 580-NGX-MA	11,4	18	10,6	46	11,4	42	M12	6	48x 7,5°	68	355,0	56,25°	15	63,75°	8	8
AXRY 650-NGX-MA	14	20	12,6	46	14	42	M12	6	48x 7,5°	116	404,7	56,25°	17	63,75°	10	10

Designation	Load ratings				Rigidity of bearing position			Limiting speed ⁵⁾	Friction torque ⁶⁾	Axial runout & radial runout		Measuring ring		
	Axial		Radial		Axial	Radial	Tilting			standard	restricted	Grad.mark./360	Pitch accuracy	
	dyn. C _a	stat. C _{0a}	dyn. C _r	stat. C _{0r}	C _{ai}	C _{ri}	C _{ki}	n _G	M _R	PL & RL	PL & RL	bei 1000 μm-Division	bei ±3μm	bei ±5μm
	[kN]	[kN]	[kN]	[kN]	[kN/μm]	[kN/μm]	[kNm/mrad]	[min ⁻¹]	[Nm]	[μm]	[μm]			
AXRY 180-NGX-MA	139,3	755,0	99,4	200,3	9,0	3,2	57,2	600	5	4	2	768	5,1"	8,4"
AXRY 200-NGX-MA	151,0	871,2	122,1	273,9	8,9	4,1	69,7	450	6	4	2	860	4,5"	7,5"
AXRY 260-NGX-MA	220,1	1520,6	138,3	349,0	12,7	5,1	159,4	300	9	6	3	1088	3,6"	6,0"
AXRY 325-NGX-MA⁴⁾	249,3	1900,8	181,7	531,4	15,4	7,2	275,8	200	13	6	3	1302	3,0"	5,0"
AXRY 395-NGX-MA	275,7	2281,0	199,2	633,8	18,3	8,4	459,4	200	19	6	3	1530	2,5"	4,2"
AXRY 460-NGX-MA	299,5	2661,1	232,5	739,0	21,9	8,6	736,9	150	25	6	3	1760	2,2"	3,7"
AXRY 580-NGX-MA	584,6	4457,4	284,5	867,2	22,9	8,8	1207,0	80	60	10	5	2196	1,8"	3,0"
AXRY 650-NGX-MA	1010,7	7682,4	459,6	1317,1	27,1	9,7	1880,1	70	70	10	5	2508	1,6"	2,6"