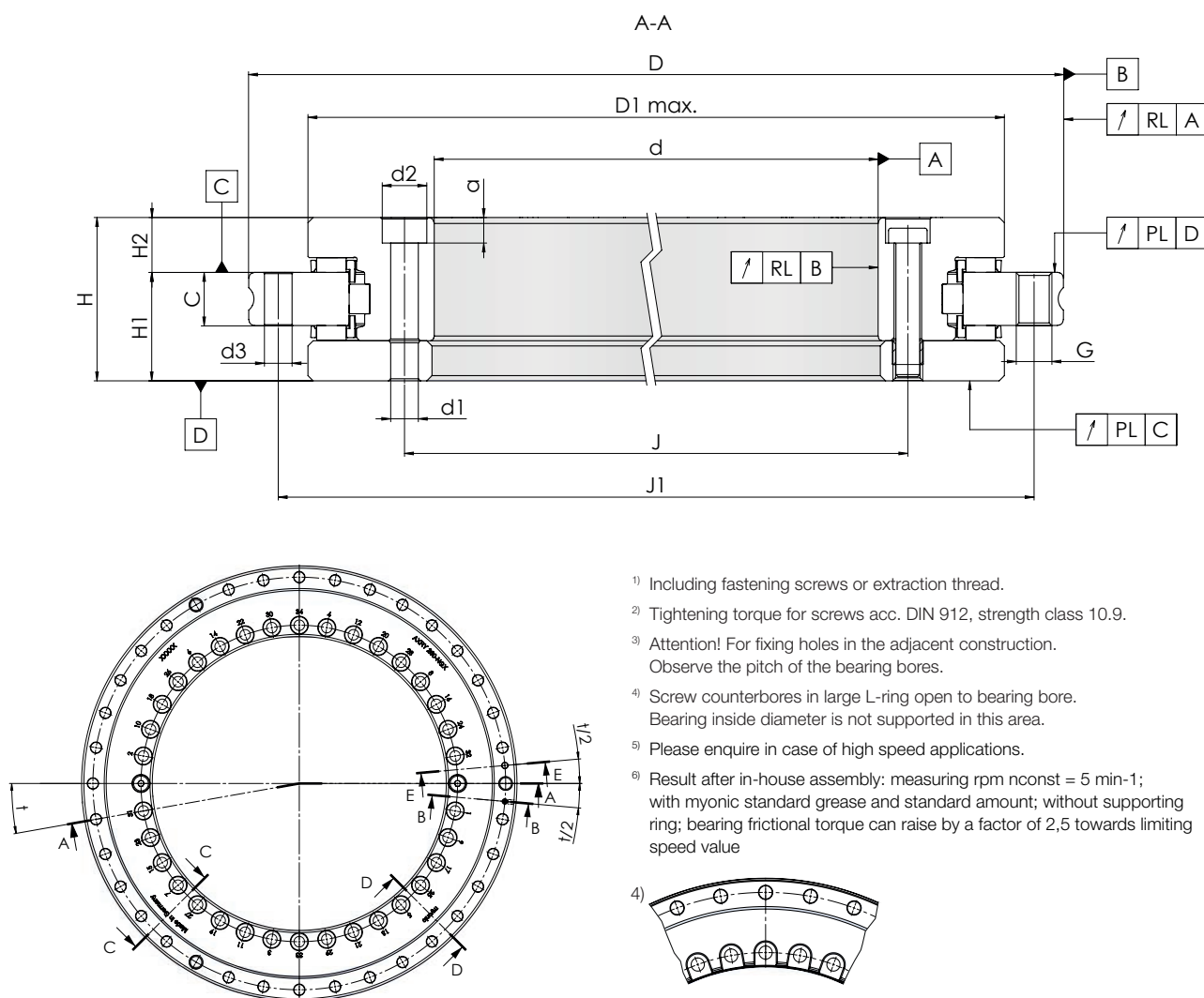


Dimensions table AXRY-NGX



1) Including fastening screws or extraction thread.

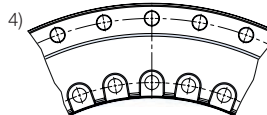
2) Tightening torque for screws acc. DIN 912, strength class 10.9.

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.

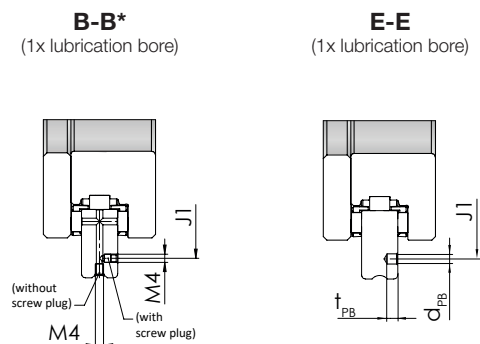
5) Please enquire in case of high speed applications.

6) Result after in-house assembly: measuring rpm nconst = 5 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

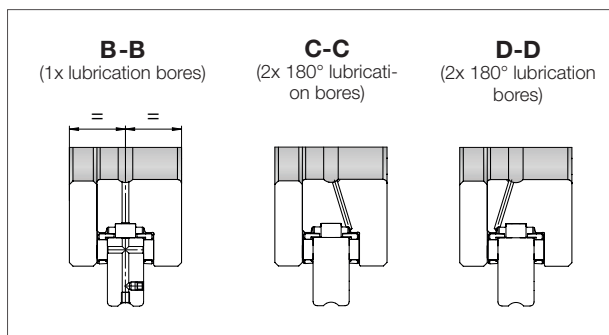


Designation	Mass	Dimensions [mm]														
		d	tol. d	D	tol. D	H	H1	tol. H1	tol. H1	H2	tol. H2	tol. H2	C	D1	J	J1
	[kg]							standard	restricted		standard	restricted		max		
AXRY 180-NGX	7,1	180	-0,013	280	-0,018	43	29	± 0,03	-	14	± 0,025	-	15	244	194	260
AXRY 200-NGX	9,1	200	-0,015	300	-0,018	45	30	±0,03	-	15	± 0,025	-	15	274	215	285
AXRY 260-NGX	17,5	260	-0,018	385	-0,020	55	36,5	± 0,04	-	18,5	± 0,025	-	18	345	280	365
AXRY 325-NGX ⁽¹⁾	24,5	325	-0,023	450	-0,023	60	40	± 0,05	-	20	± 0,025	-	20	415	342	430
AXRY 395-NGX	32,2	395	-0,023	525	-0,028	65	42,5	± 0,05	-	22,5	± 0,025	-	20	486	415	505
AXRY 460-NGX	44,8	460	-0,023	600	-0,028	70	46	± 0,06	-	24	± 0,03	-	22	560	482	580
AXRY 580-NGX	86,0	580	-0,025	750	-0,035	90	60	±0,25	± 0,075	30	± 0,25	± 0,03	30	700	610	720
AXRY 650-NGX	165,2	650	-0,038	870	-0,050	122	78	±0,25	± 0,1	44	± 0,25	± 0,03	34	800	680	830

Available optional design - SBI
ordering code -SB



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



Designation	Fixing holes										Positioning bore	
	Inner ring				Outer ring				Number x Pitch	Screw tightening torque	Diameter	Depth
	d1	d2	a	Number ³⁾	d3	Number ³⁾	G	Number	n x t ¹⁾	M _A ²⁾ [Nm]	d _{PB} [mm]	t _{PB} [mm]
AXRY 180-NGX	7	11	6,4	46	7	45	M8	3	48x 7,5°	14	5	5
AXRY 200-NGX	7	11	6,4	46	7	45	M8	3	48x 7,5°	14	5	5
AXRY 260-NGX	9,3	15	8,6	34	9,3	33	M12	3	36x 10°	34	5	5
AXRY 325-NGX ⁴⁾	9,3	15	8,6	34	9,3	33	M12	3	36x 10°	34	5	5
AXRY 395-NGX	9,3	15	8,6	46	9,3	45	M12	3	48x 7,5°	34	5	5
AXRY 460-NGX	9,3	15	8,6	46	9,3	45	M12	3	48x 7,5°	34	5	5
AXRY 580-NGX	11,4	18	10,6	46	11,4	42	M12	6	48x 7,5°	68	8	8
AXRY 650-NGX	14	20	12,6	46	14	42	M12	6	48x 7,5°	116	10	10

Designation	Load ratings				Rigidity of bearing position			Limiting speed ⁽⁵⁾	Bearing frictional torque ⁽⁶⁾	Axial & Radial runout		
	Axial		Radial		Axial	Radial	Tilting			standard	restricted	high precision
	dyn. C _a	stat. C _{0a}	dyn. C _r	stat. C _{0r}	C _{ai}	C _{ri}	C _{ki}	η _G	M _R	PL & RL	PL & RL	PL & RL
	[kN]	[kN]	[kN]	[kN]	[kN/μm]	[kN/μm]	[kNm/mrad]	[min ⁻¹]	[Nm]	[μm]	[μm]	[μm]
AXRY 180-NGX	139,3	755,0	99,4	200,3	8,1	3,3	51,1	600	5	4	2	-
AXRY 200-NGX	151,0	871,2	122,1	273,9	8,0	4,1	62,6	450	6	4	2	-
AXRY 260-NGX	220,1	1520,6	138,3	349,0	12,2	5,1	153,5	300	9	6	3	2
AXRY 325-NGX ⁽⁴⁾	249,3	1900,8	181,7	531,4	15,2	7,2	272,1	200	13	6	3	2
AXRY 395-NGX	275,7	2281,0	199,2	633,8	18,3	8,4	459,4	200	19	6	3	2
AXRY 460-NGX	299,5	2661,1	232,5	739,0	21,9	8,6	736,9	150	25	6	3	2
AXRY 580-NGX	584,6	4457,4	284,5	867,2	22,9	8,8	1207,0	80	60	10	5	3
AXRY 650-NGX	1010,7	7682,4	459,6	1317,1	27,1	9,7	1880,1	70	70	10	5	3