

Crossed roller slewing bearings with internal gear

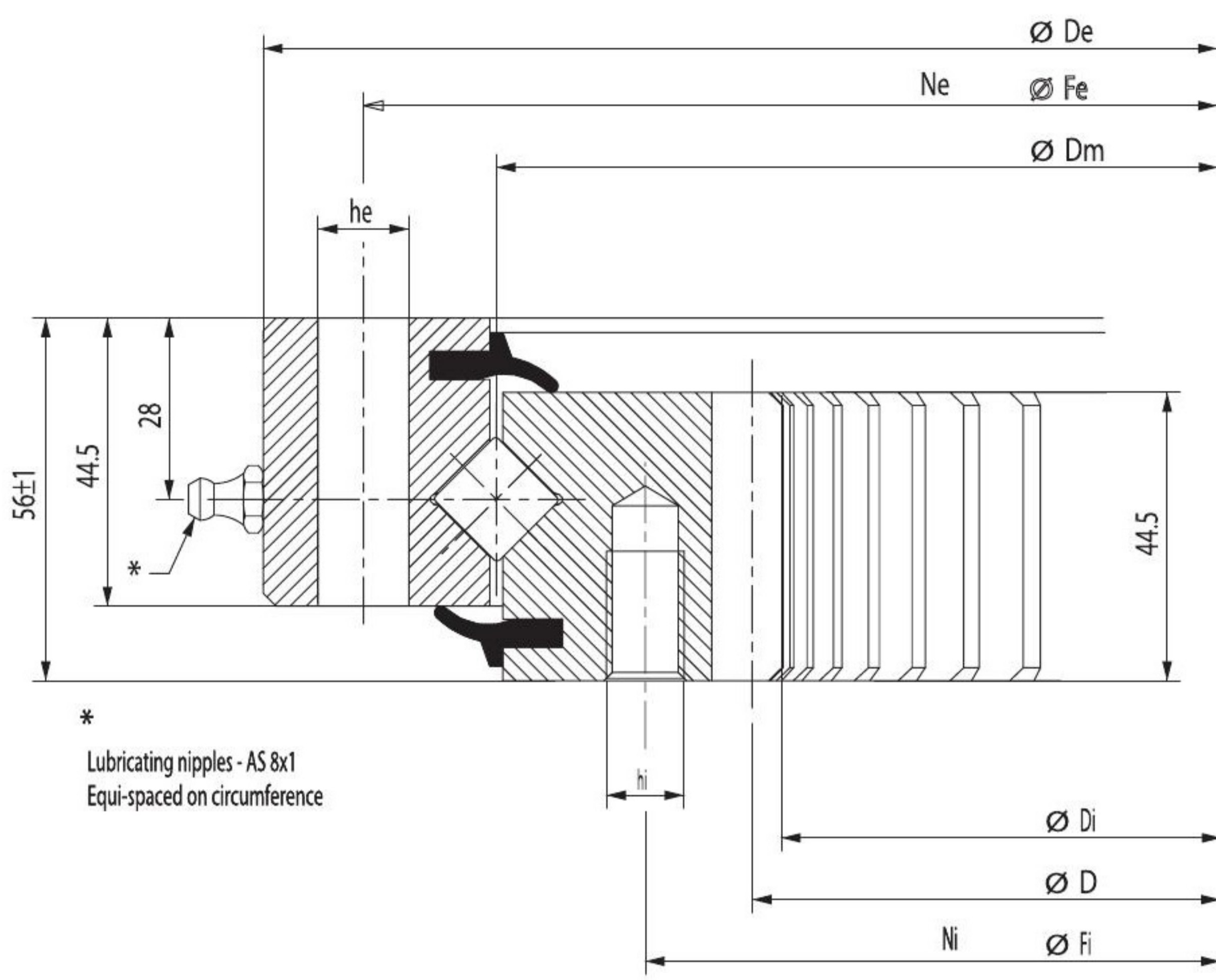


Figure I

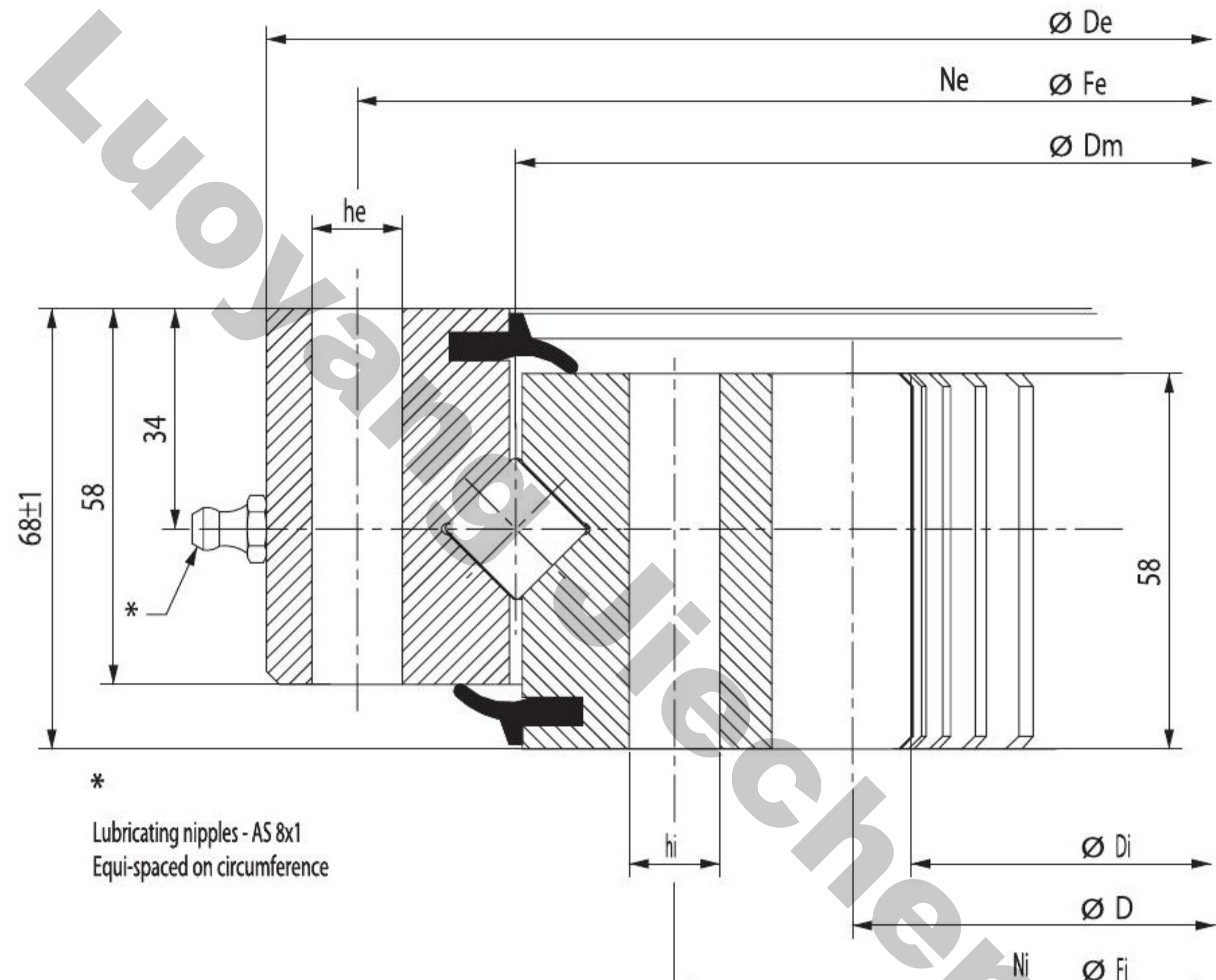
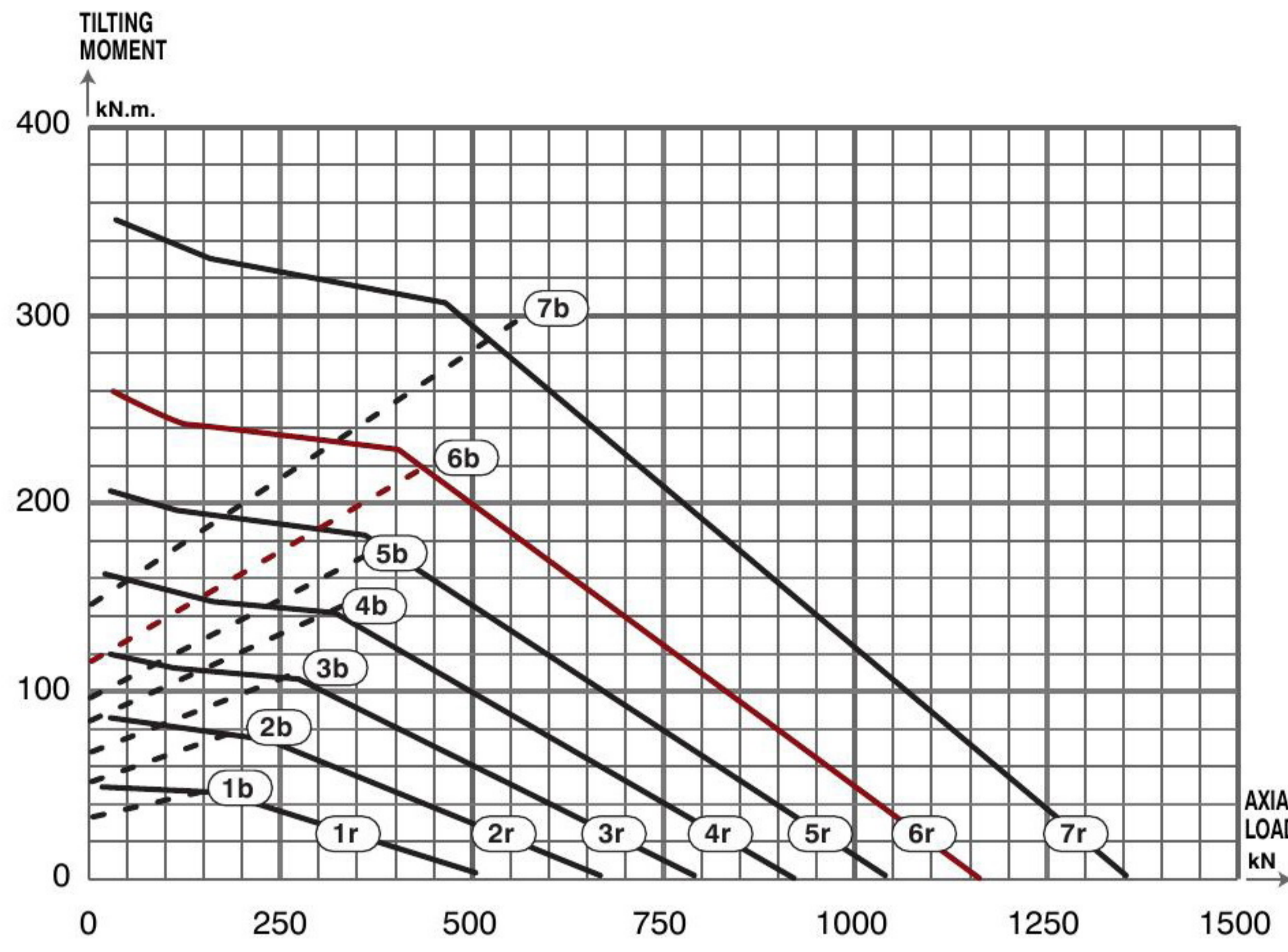
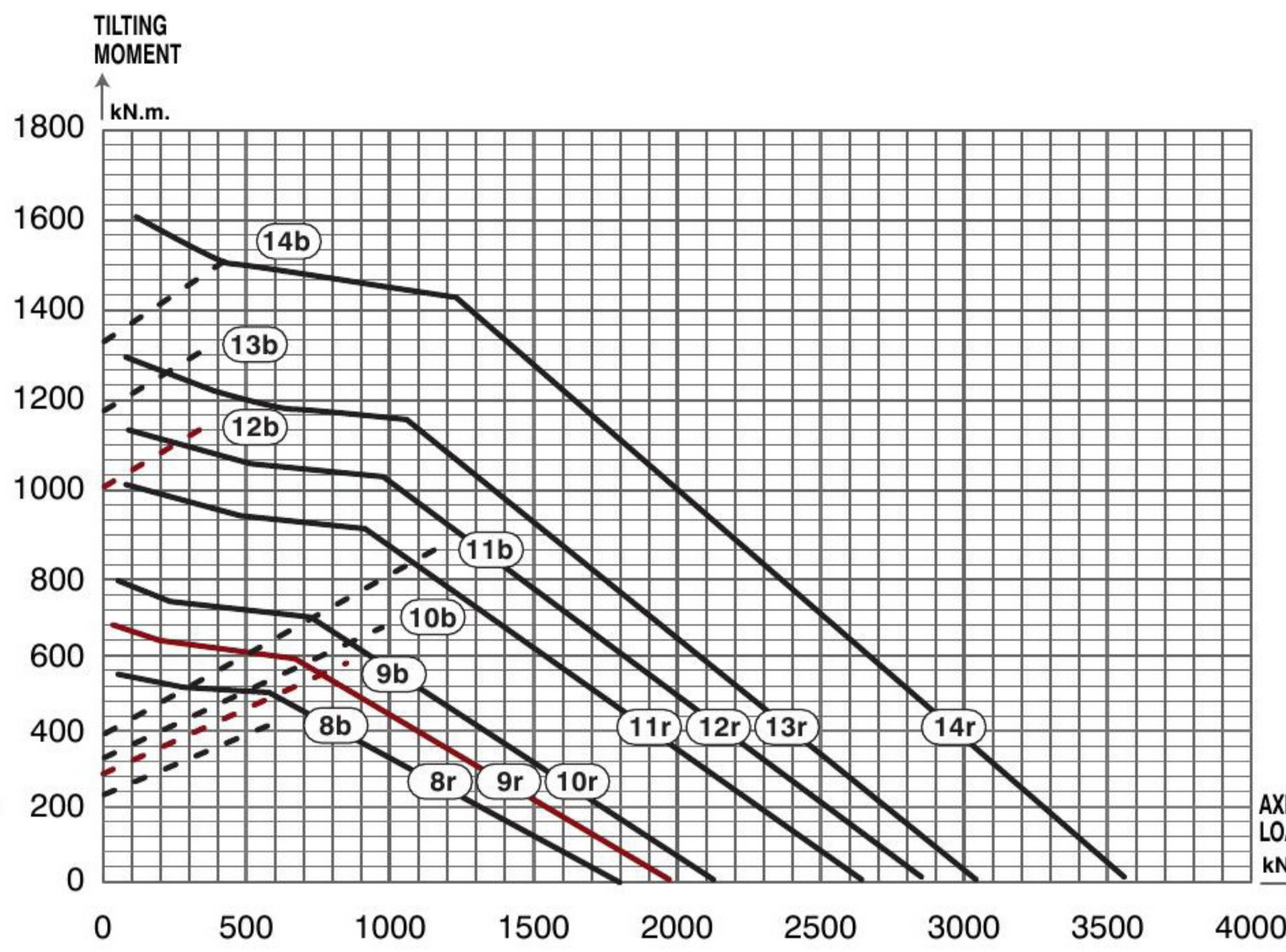


Figure J

Static limiting load curves for raceway ——— 1r to 14r
 Static limiting load curves for bolting - - - - - 1b to 14b



Dm 414 to 1094 mm



Dm 1204 to 1904 mm

* Item number of the relevant curve in the static limiting load graph for raceway and bolting

Main dimensions				Fixing holes					Gear teeth			Tooth force		Mass	Basic load rating		curves*		Designation	
De	Dm	Di	Fe	he	Ne	Fi	hi	Ni	D	m	Z	Norm. Tooth force	Max. Tooth	Fig N°	axial dyn. C	axial stat. Co	raceways (r)	bolt (b)		
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	kN	kN	Kg	kN	kN				
484	414	325	460	14	24	375	M12	24	335	5	67	18	34	31	I	229	520	1r	1b	RKS.162.14.0414
614	544	444	590	14	32	505	M12	32	456	6	76	25	45	43	I	270	680	2r	2b	RKS.162.14.0544
714	644	546	690	14	36	605	M12	36	558	6	93	25	45	50	I	290	800	3r	3b	RKS.162.14.0644
814	744	648	790	14	40	705	M12	40	660	6	110	25	45	58	I	315	930	4r	4b	RKS.162.14.0744
914	844	736	890	14	40	805	M12	40	752	8	94	33	60	69	I	340	1050	5r	5b	RKS.162.14.0844
1014	944	840	990	14	44	905	M12	44	856	8	107	33	60	76	I	360	1170	6r	6b	RKS.162.14.0944
1164	1094	984	1140	14	48	1055	M12	48	1000	8	125	33	60	91	I	390	1360	7r	7b	RKS.162.14.1094
1289	1204	1072	1257	16	45	1151	16	45	1080	10	108	59	106	148	J	386	1836	8r	8b	RKS.162.16.1204
1399	1314	1182	1367	16	50	1261	16	50	1190	10	119	59	106	161	J	419	1995	9r	9b	RKS.162.16.1314
1509	1424	1292	1477	16	54	1371	16	54	1300	10	130	59	106	175	J	494	2352	10r	10b	RKS.162.16.1424
1619	1534	1402	1587	16	60	1481	16	60	1410	10	141	59	106	189	J	611	2912	11r	11b	RKS.162.16.1534
1752	1644	1495	1708	22	54	1580	22	54	1500	10	150	59	106	239	J	658	3133	12r	12b	RKS.162.16.1644
1862	1754	1605	1818	22	60	1690	22	60	1610	10	161	59	106	256	J	1049	3354	13r	13b	RKS.162.16.1754
2012	1904	1729	1968	22	64	1840	22	64	1736	14	124	82	147	304	J	854	4066	14r	14b	RKS.162.20.1904

Gear not hardened
 Bearings delivered without centering
 Bearings are not delivered full of grease and consequently must be fully relubricated with SKF LGEP2 or equivalent before the machine is running.
 Material : C 45E => curves N° 1 to 7 - 42 Cr Mo4 => curves N° 8 to 14