

Crossed roller slewing bearings
with external gear

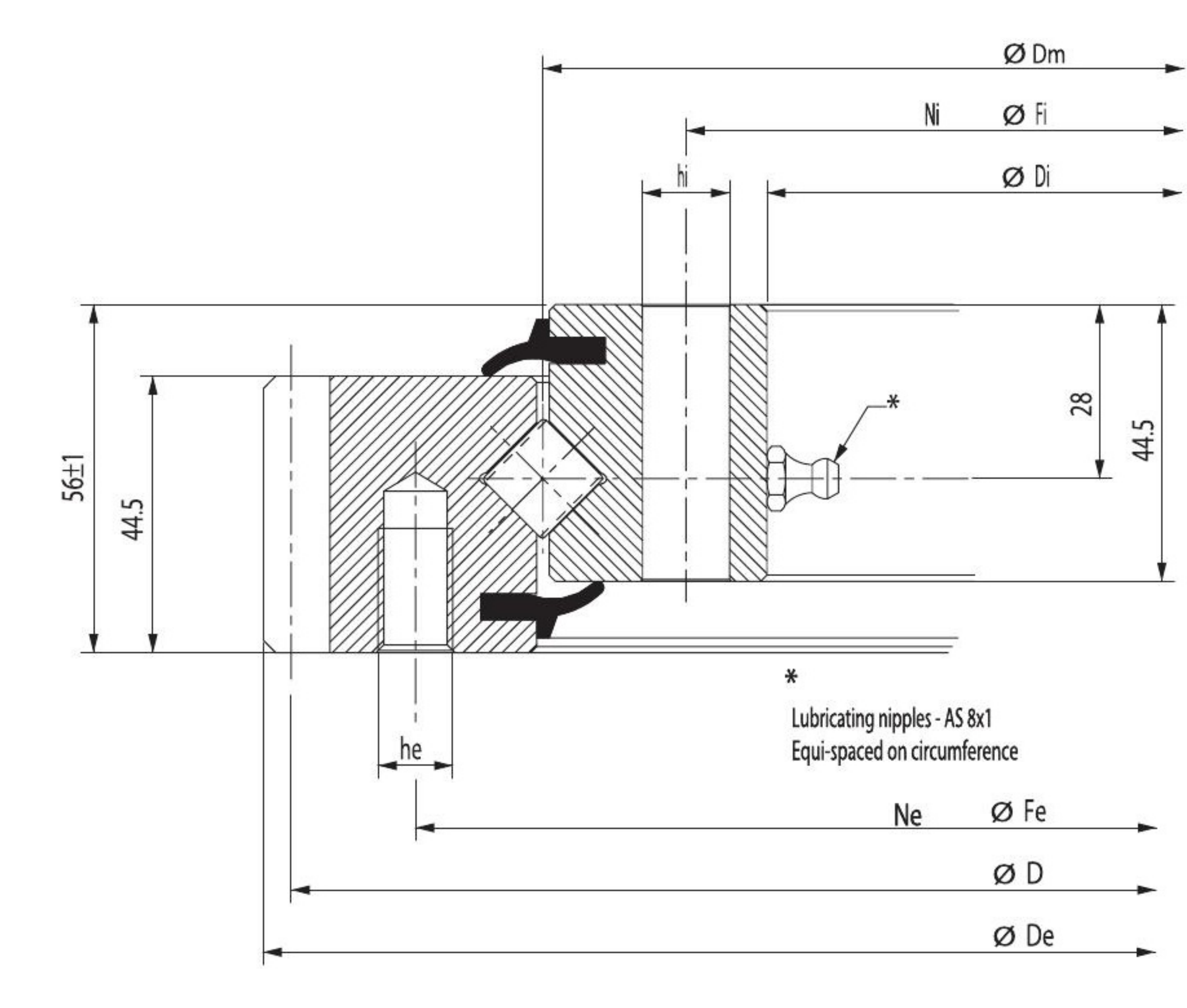


Figure G

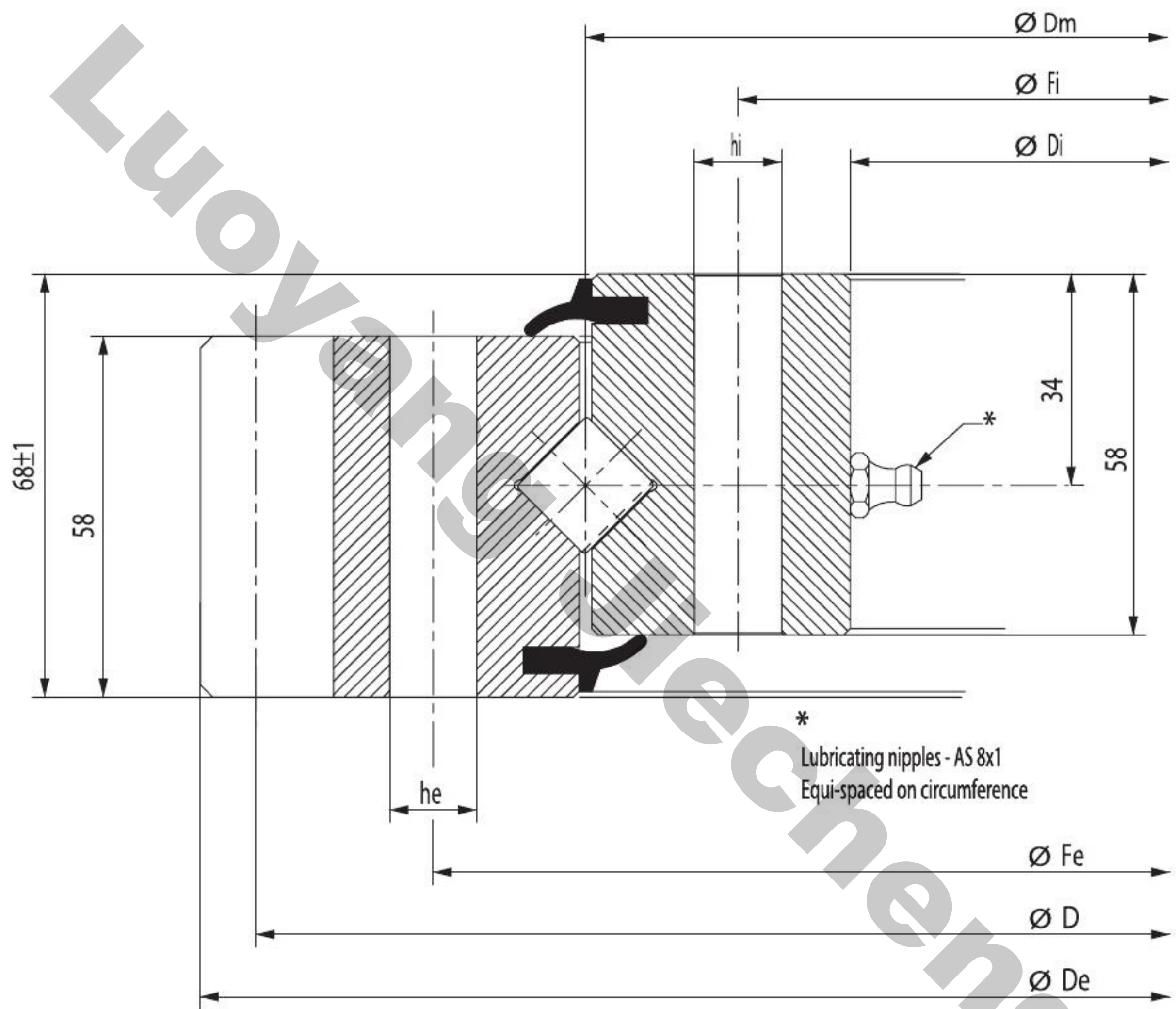
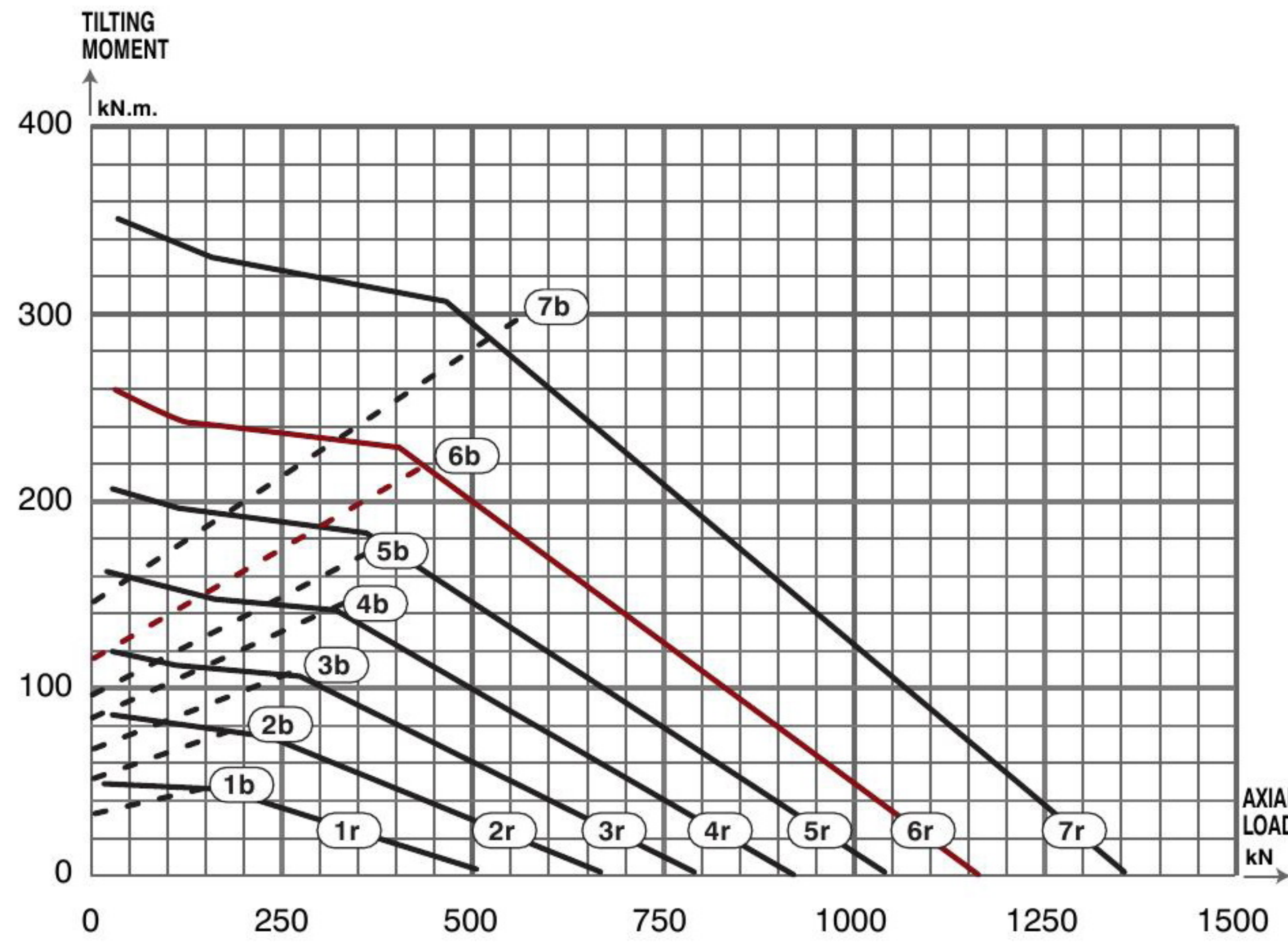
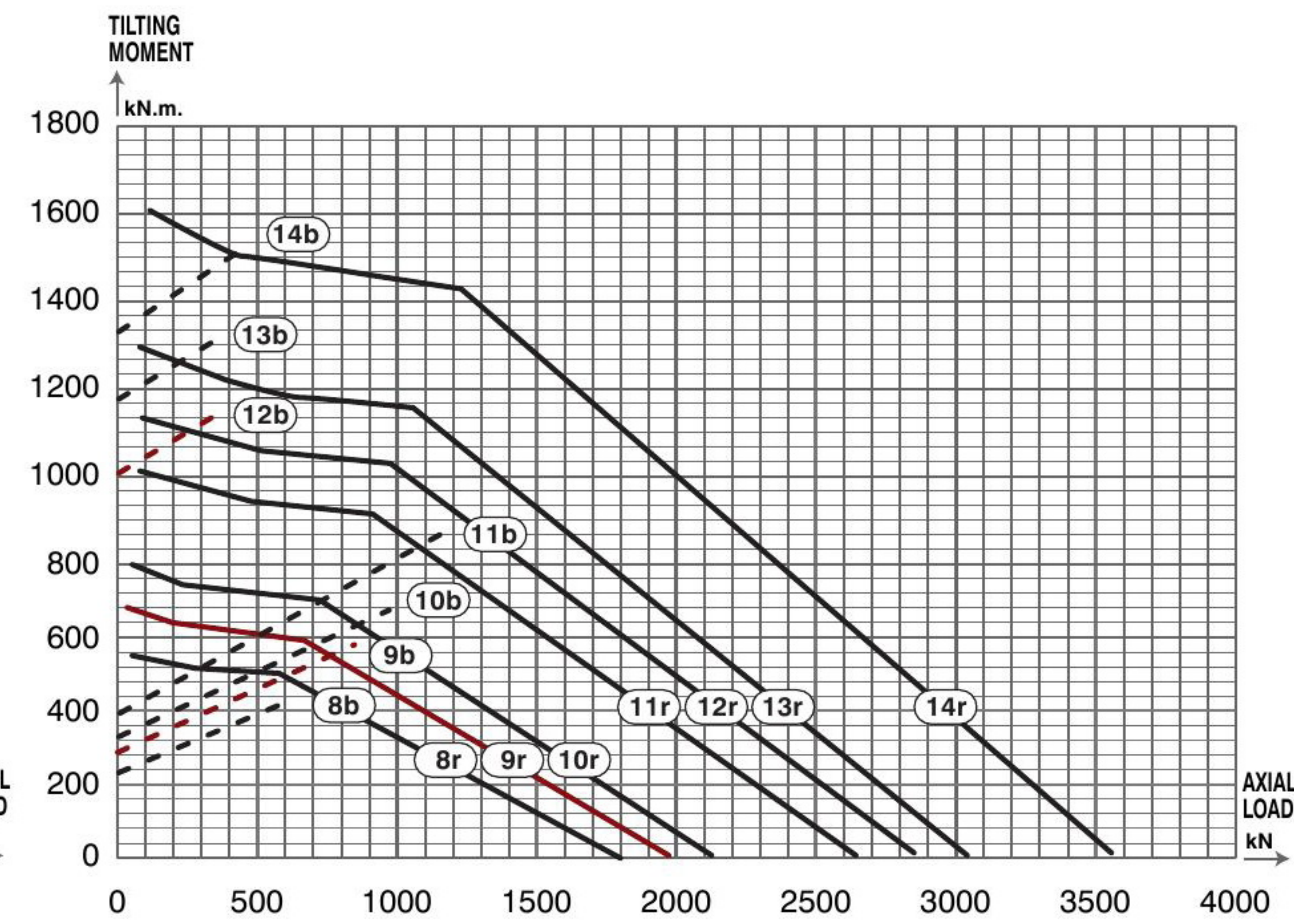


Figure H

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	Max. Tooth force	Fig N°	axial dyn. C	axial stat. Co	raceways (r)	bolt (b)		
mm	mm	mm	mm	mm		mm	mm		mm			kN	kN		Kg		kN	kN		
503,3	414	344	455	M12	20	368	14	24	495	5	99	17	31	32	G	229	520	1r	1b	RKS.161.14.0414
640,3	544	474	585	M12	28	498	14	32	630	6	105	23	42	44	G	270	680	2r	2b	RKS.161.14.0544
742,3	644	574	685	M12	32	598	14	36	732	6	122	23	42	52	G	290	800	3r	3b	RKS.161.14.0644
838,1	744	674	785	M12	36	698	14	40	828	6	138	23	42	59	G	315	930	4r	4b	RKS.161.14.0744
950,1	844	774	885	M12	36	798	14	40	936	8	117	32	57	71	G	340	1050	5r	5b	RKS.161.14.0844
1046,1	944	874	985	M12	40	898	14	44	1032	8	129	32	57	77	G	360	1170	6r	6b	RKS.161.14.0944
1198,1	1094	1024	1135	M12	44	1048	14	48	1184	8	148	32	57	91	G	390	1360	7r	7b	RKS.161.14.1094
1338	1204	1119	1257	16	45	1151	16	45	1310	10	131	49	88	154	H	386	1836	8r	8b	RKS.161.16.1204
1448	1314	1229	1367	16	50	1261	16	50	1420	10	142	49	88	168	H	419	1995	9r	9b	RKS.161.16.1314
1558	1424	1339	1477	16	54	1371	16	54	1530	10	153	49	88	182	H	494	2352	10r	10b	RKS.161.16.1424
1668	1534	1449	1587	16	60	1481	16	60	1640	10	164	49	88	195	H	611	2912	11r	11b	RKS.161.16.1534
1791	1644	1536	1708	22	54	1580	22	54	1760	10	176	49	88	242	H	658	3133	12r	12b	RKS.161.16.1644
1901	1754	1646	1818	22	60	1690	22	60	1870	10	187	49	88	258	H	1049	3354	13r	13b	RKS.161.16.1754
2073,4	1904	1796	1968	22	64	1840	22	64	2030	14	145	69	124	306	H	854	4066	14r	14b	RKS.161.20.1904

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