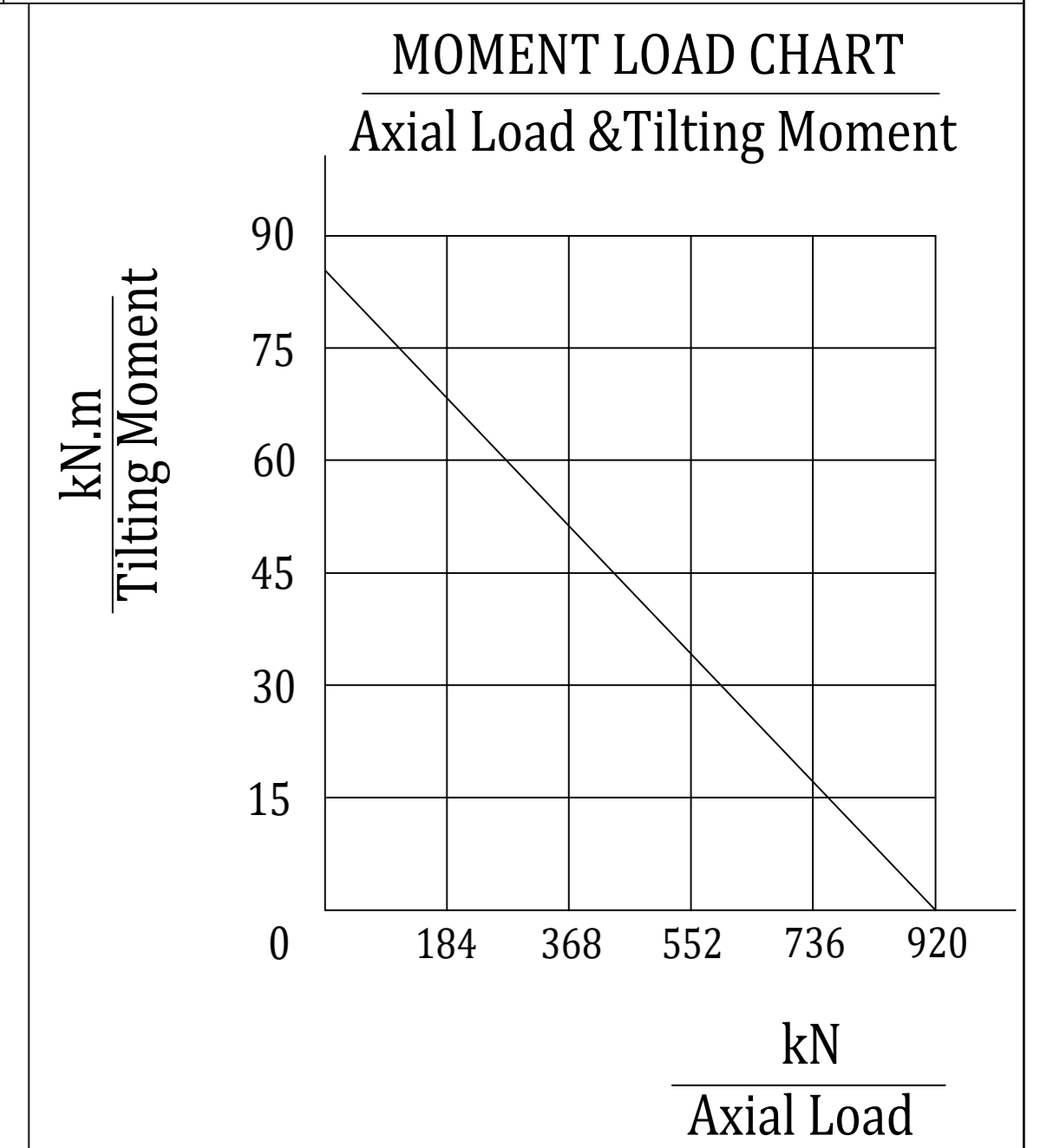


Slewing Drive Performance Parameters		
Rated Output Speed	2.11rpm	
Output Torque	13.6 kN.m	10.0x10 ³ lbf.ft
Tilting Moment	81 kN.m	59.8x10 ³ lbf.ft
Holding Torque	102 kN.m	75.3x10 ³ lbf.ft
Static Axial Load Rating	920 kN	207x10 ³ lbf
Static Radial Load Rating	343 kN	77.2x10 ³ lbf
Gear Ratio	84:1	
Precision	≤0.15°	
Hydraulic motor Performance Parameters		
Pressure	9MPa	
Flow	2X30L/min	



Hydraulic Motor Performance Data

BMRS160 [157.2cm³/rev.]

Pressure (MPa)	continue (max.)		intermittent (max.)	
	5	7	9	10

Flow (L/min)	continue (max.)		intermittent (max.)	
	10	20	30	40
10	115	160	203	220
20	58	55	52	50
30	114	160	205	230
40	119	115	111	108
50	105	158	202	221
60	184	181	177	172
70	100	145	196	218
75	246	244	239	237
80	90	140	190	209
90	307	305	302	300
100	84	136	180	199
110	370	368	364	362
120	65	120	164	180
130	435	434	430	427
140	59	116	158	175
150	465	462	458	456
160	260	300	340	362
170	260	320	355	380
180	260	340	378	380
190	260	355	384	380
200	260	370	395	380
210	260	384	405	380
220	260	405	416	380
230	260	427	430	380
240	260	447	447	380
250	260	462	462	380
260	260	478	478	380
270	260	494	494	380
280	260	510	510	380
290	260	526	526	380
300	260	542	542	380
310	260	558	558	380
320	260	574	574	380
330	260	590	590	380
340	260	606	606	380
350	260	622	622	380
360	260	638	638	380
370	260	654	654	380
380	260	670	670	380
390	260	686	686	380
400	260	702	702	380
410	260	718	718	380
420	260	734	734	380
430	260	750	750	380
440	260	766	766	380
450	260	782	782	380
460	260	798	798	380
470	260	814	814	380
480	260	830	830	380
490	260	846	846	380
500	260	862	862	380
510	260	878	878	380
520	260	894	894	380
530	260	910	910	380
540	260	926	926	380
550	260	942	942	380
560	260	958	958	380
570	260	974	974	380
580	260	990	990	380
590	260	1006	1006	380
600	260	1022	1022	380
610	260	1038	1038	380
620	260	1054	1054	380
630	260	1070	1070	380
640	260	1086	1086	380
650	260	1102	1102	380
660	260	1118	1118	380
670	260	1134	1134	380
680	260	1150	1150	380
690	260	1166	1166	380
700	260	1182	1182	380
710	260	1198	1198	380
720	260	1214	1214	380
730	260	1230	1230	380
740	260	1246	1246	380
750	260	1262	1262	380
760	260	1278	1278	380
770	260	1294	1294	380
780	260	1310	1310	380
790	260	1326	1326	380
800	260	1342	1342	380
810	260	1358	1358	380
820	260	1374	1374	380
830	260	1390	1390	380
840	260	1406	1406	380
850	260	1422	1422	380
860	260	1438	1438	380
870	260	1454	1454	380
880	260	1470	1470	380
890	260	1486	1486	380
900	260	1502	1502	380
910	260	1518	1518	380
920	260	1534	1534	380

Torque (N.m) 378
Speed (rpm) 130

REV	DATE	REVISER	REVISER	
DESIGNED BY	2020/5/19	Li Ming	www.coresundrive.com	
CHECKED BY	2020/5/19	Rui Wang	Coresun Drive Equipment Changzhou Co., Ltd.	
APPROVED BY	2019/5/19	Shane Zhang		
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SYMBOLS ISO			SIZE	A3
			SHEET	1 / 1
Slewing Drive				REV
WH14-2-84-160A				A