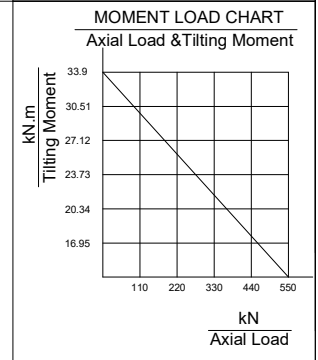


Slewing Drive Performance Parameters		
Rated Output Speed	1.9 rpm	
Output Torque	3684 N.m	2718 lbf.ft
Tilting Moment	33.9 kN.m	25x10 ³ lbf.ft
Holding Torque	38.7 kN.m	29x10 ³ lbf.ft
Static Axial Load Rating	550kN	124x10 ³ lbf
Static Radial Load Rating	205kN	46x10 ³ lbf
Gear Ratio	61:1	
Precision	≤0.15°	
Hydraulic motor performance parameters		
Pressure	7 MPa	
Flow	20 L/min	



Hydraulic motor performance parameters

BMR160 [157.2 cm³/rev.]

Pressure (Mpa) Continuous max Intermittent max

Flow (L/min)	Pressure (Mpa)									
	5	7	9	10	12	14	16	17.5	20	
5	104 26	146 23	190 20	210 16	245 10					
10	107 59	150 56	195 50	216 45	250 37	290 30	335 22			
20	102 121	151 118	198 115	220 113	257 108	298 102	342 97	370 90	420 78	
30	97 184	146 178	190 173	217 170	256 164	295 155	340 143	368 128	416 103	
40	89 246	140 241	185 235	210 228	252 220	290 210	335 194	363 177	412 150	
50	72 310	128 307	179 300	202 295	244 287	284 278	327 262	358 247	409 210	
60	60 374	116 367	170 359	198 354	240 346	279 338	321 323	352 306	400 265	
70	49 437	107 430	164 421	193 415	233 403	271 393	309 381	344 365	390 318	
Intermittent max	36 472	98 463	152 450	185 441	226 431	265 420	300 405	334 389	379 365	

Torque (N.m) 416
Speed (rpm) 103

REV.	Date	Reviser	Description		
Designed By	2016.1.12	HXL			
Checked By	2016.1.12	CQN			
Approved By	2016.1.12	HW			
			WEIGHT	SCALE	Slewing Drive
			57kg	1:3	
			SIZE	A4	
SYMBOL ISO			SHEET	1/1	WD9-61B-RH-160A
					REV A