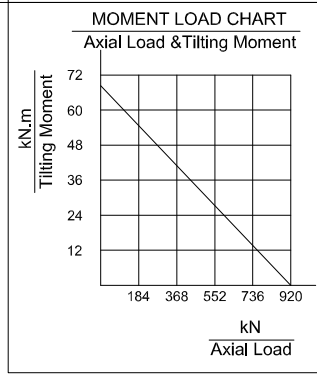


Slewing Drive Performance Parameters		
Rated Output Speed	1.4 rpm	
Output Torque	5074 N.m	3753 lbf.ft
Tilting Moment	67.8 kN.m	50x10 <sup>3</sup> lbf.ft
Holding Torque	48 kN.m	35x10 <sup>3</sup> lbf.ft
Static Axial Load Rating	920 kN	207x10 <sup>3</sup> lbf
Static Radial Load Rating	343 kN.	77x10 <sup>3</sup> lbf
Gear Ratio	84:1	
Precision	≤0.17°	
Hydraulic motor performance parameters		
Pressure	7 MPa	
Flow	20 L/min	



Hydraulic motor performance parameters  
BMR160 [157.2 cm<sup>3</sup>/rev.]

Flow (L/min)	Pressure (Mpa)								
	5	7	9	10	12	14	16	17.5	20
5	104	146	190	210	245				
10	107	150	195	216	250	290	335		
20	102	151	198	220	257	298	342	370	420
30	97	146	190	217	256	295	340	368	416
40	89	140	185	210	252	290	335	363	412
50	72	128	179	202	244	284	327	358	409
60	60	116	170	198	240	279	321	352	400
70	49	107	164	193	233	271	309	344	390
75	36	98	152	185	226	265	300	334	379
	<b>472</b>	<b>463</b>	<b>450</b>	<b>441</b>	<b>431</b>	<b>420</b>	<b>405</b>	<b>389</b>	<b>365</b>

Continuous max  
Intermittent max

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

REV.	Date	Reviser	Description
Designed By	2016.1.3	HXL	
Approved By	2016.1.3	HW	

WEIGHT	SCALE	Slewing Drive
68kg	1:4	
SIZE	A4	WD14-84B-RH-160A
SHEET	1/1	

SYMBOLS ISO