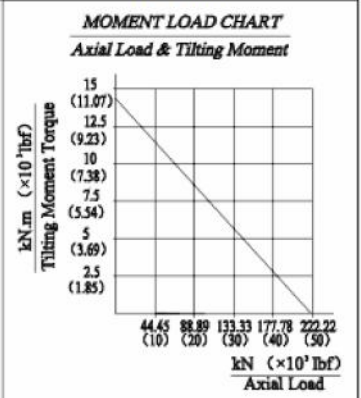


Worm Drive Performance Data		
Rated Output Speed(Intermittent)	1.79 rpm	
Rated Output Torque	2270 N.m	1675.3 lbf.ft
Tilting Moment Torque (Max.)	13.5 kN.m	10 × 10 ³ lbf.ft
Holding Torque	20 kN.m	14.8 × 10 ³ lbf.ft
Axial Load (Max.)	210 kN	47.2 × 10 ³ lbf
Radial Load (Max.)	85 kN	19.1 × 10 ³ lbf
Ratio of Worm Gear	47:1	
Backlash	≤ 0.15 °	

Hydraulic Motor Performance Data	
Pressure	10 MPa
Flow	10 L/min



Hydraulic Motor Performance Data

BMRS100 [100.8 cm³/rev.]

Flow(L/min)	Pressure (MPa)		continue (max.)		intermittent (max.)			
	5	7	9	10	12	14	16	17.5
10	70	100	122	138	159	182	210	222
20	68	95	123	143	165	200	221	238
30	62	94	121	140	164	194	220	240
40	59	88	119	134	161	192	218	238
50	498	496	488	484	475	464	450	436
60	48	79	110	119	152	180	214	233
70	43	70	100	112	142	170	201	229
75	39	63	97	105	140	167	197	227

Torque (N.m) 240
Speed (rpm) 236

Note: Side A facing up when mounted.

REV	DATE	REVISOR	www.eurograb.nl / info@eurograb.nl		
DESIGNED BY	Jyden	04/22/2015	DESCRIPTION		
CHECKED BY	Roddick	04/22/2015	Eurograb Aanbouwdelen		
APPROVED BY	Andy	04/22/2015			
ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HERE OF ARE RESERVED, AND NO PERMISSION IS GRANTED OR TO DISCLOSE REPRODUCE THIS PRINT IN WHOLE OR IN PART, ANY OF THE INFORMATION TO OTHERS.			WEIGHT	SCALE	Title
			SIZE	1:3	WORM DRIVE
SYMBOLS ISO			SHEET	A3	Model No.
			1 / 1		WEA7
					Part No.
					47-HR-100-I-2224
					Rev
					A

