

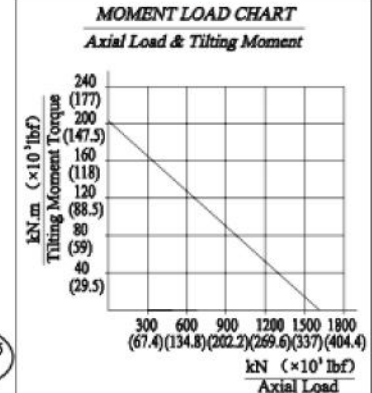
Worm Drive Performance Data		
Output Speed (Intermittent)	2.16 rpm	
Rated Output Torque	16.38 kN.m	12088.4 lbf.ft
Tilting Moment Torque (Max.)	203 kN.m	150 × 10 ³ lbf.ft
Holding Torque	105.8 kN.m	78.1 × 10 ³ lbf.ft
Axial Load (Max.)	1598 kN	359 × 10 ³ lbf
Radial Load (Max.)	596 kN	134 × 10 ³ lbf
Ratio of Worm Gear	90:1	
Backlash	≤ 0.1 °	

Hydraulic Motor Performance Data	
Pressure	19 MPa
Flow	45 L/min

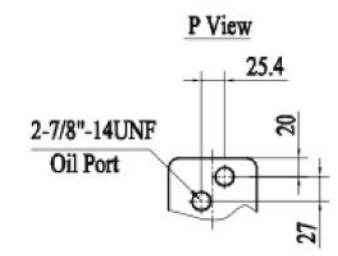
Hydraulic Motor Performance Data

WS200 [202cm³/rev.]

Pressure (MPa)	Flow (L/min)									
	1.7	3.5	6.9	10.4	13.8	17.2	19	20.7	24.2	27.6
2	28	72	157							
4	33	81	170	254	335	411	454	508		
8	39	85	185	280	365	446	483	521	568	
15	40	87	187	289	388	481	523	564	627	696
23	38	89	184	285	387	486	533	579	654	732
30	34	85	180	281	384	484	534	582	670	755
38	29	80	174	276	378	479	529	576	674	768
45	22	74	168	270	371	473	520	572	670	767
53	16	67	163	263	363	465	513	563	664	764
61	8	60	159	255	355	454	506	557	656	756
68	301	300	299	296	289	273	266	257	238	219
76	50	153	246	347	447	493	547	648	747	
83	41	144	237	336	437	487	537	637	740	
91	376	374	372	365	348	340	331	311	288	
95	31	134	227	326	427	478	527	628	730	
114	338	336	334	327	310	302	294	274	253	
			216	315	417	467	518	618	723	
			449	441	423	414	405	383	360	
			210	309	413	464	513	614	718	
			468	461	440	432	422	401	379	
			181	281	382	433	482	580	689	
			561	552	539	530	521	495	467	



Torque (N.m) 755
Speed (rpm) 85



Note: Side A facing up when mounted.

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REV	DATE	REVISER	DESCRIPTION
DESIGNED BY	LWH	08-08-2014	Eurograb Aanbouwdelen
CHECKED BY		08-08-2014	
APPROVED BY	Andy	08-08-2014	
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
SYMBOLS ISO		SIZE	Title
		SHEET	Model No.
		1 / 1	Part No.
			WORM DRIVE
			WEA21
			90-HR-WS200-D
			Rev C