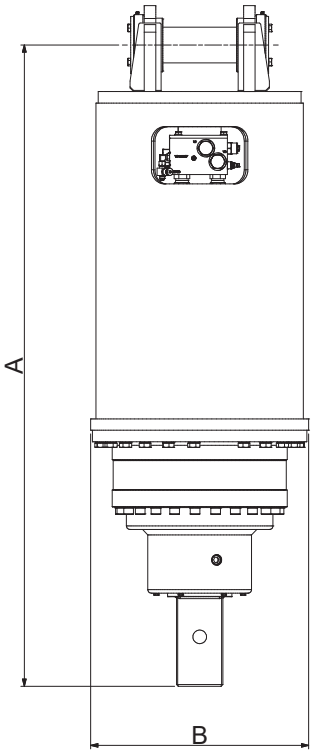
115,000Nm - 200,000Nm

DIGGA

PLANETARY ANCHOR DRIVES

Suits Excavator 25-40 tonne



Developed in conjunction with the leading Screw Anchor/Pile installers around the world. The only true Anchor Drives available, designed & manufactured specifically for the rigours of the application. Digga's Mega Drive range helps the host machine to operate in the most efficient KW range, minimising wear & tear whilst optimising performance and return on your investment.

FEATURES

- Speed drive system
- Compact high torque Digga manufactured gearbox
- Engineered hood & ears for maxiumum strength
- Extreme duty shaft locking system
- No complex hoses, valving or filtration
- Built-in Pressure Relief Valve standard
- Energy Control relief Valve - Prevents rapid decompression of oil caused by the reverse energy created by pile kick-back
- The highest volumetrically efficient motor available to maintain consistent efficient pile installation throughout your working day
- 1yr Gearbox & 1yr Motor Warranty

SPECIFICATIONS	MD 110	MD 160	MD 190
Maximum Torque (Nm)	114,395	169,354	198,585
Max Pressure - Do not exeed	240 bar @ 380 lpm		
Max Flow - Do not exeed	380 lpm @ 240 bar		
Max Power (Kw)	150	150	150
Motor	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included
ECV	Included	Included	Included
Overall Length - A (mm)	1638	1791	1791
Diameter - B (mm)	610	610	610
Weight - No Hitch/Oil (kg)	1028	1191	1194
Shaft (mm)	130 Square	130 Square	130 Square

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Suits Excavator 25-40 tonne

TORQUE OUTPUT

PRESSURE BAR	MD 110		MD 160		MD 190	
	Hi Torque Low Speed	Low Torque Hi Speed	Hi Torque Low Speed	Low Torque Hi Speed	Hi Torque Low Speed	Low Torque Hi Speed
100	47,664	23,832	70,564	35,282	82,744	41,372
110	52,431	26,215	77,620	38,810	91,018	45,509
120	57,197	28,599	84,677	42,338	99,292	49,646
130	61,964	30,982	91,733	45,867	107,567	53,783
140	66,730	33,365	98,790	49,395	115,841	57,920
150	71,497	35,748	105,846	52,923	124,115	62,058
160	76,263	38,132	112,902	56,451	132,390	66,195
170	81,030	40,515	119,959	59,979	140,664	70,332
180	85,796	42,898	127,015	63,508	148,938	74,469
190	90,562	45,281	134,072	67,036	157,213	78,606
200	95,329	47,664	141,128	70,564	165,487	82,744
210	100,095	50,048	148,184	74,092	173,761	86,881
220	104,862	52,431	155,241	77,620	182,036	91,018
230	109,628	54,814	162,297	81,149	190,310	95,155
240	114,395	57,197	169,354	84,677	198,585	99,292

SPEED OUTPUT

FLOW LPM	MD 110		MD 160		MD 190	
	Hi Torque Low Speed	Low Torque Hi Speed	Hi Torque Low Speed	Low Torque Hi Speed	Hi Torque Low Speed	Low Torque Hi Speed
100	3	6	2	4	2	4
120	4	8	3	5	2	4
140	5	9	3	6	3	5
160	5	10	4	7	3	6
180	6	11	4	8	3	7
200	7	13	4	8	4	7
220	7	14	5	9	4	8
240	8	15	5	10	5	9
260	9	16	6	11	5	9
280	9	18	6	12	5	10
300	10	19	7	13	6	11
320	11	20	7	14	6	12
340	11	21	8	14	6	12
360	12	23	8	15	7	13
380	12	24	8	16	7	14

Output speed and torque specifications are THEORETICAL. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only. When determining criteria, & application specific information is required, please contact DIGGA.

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