

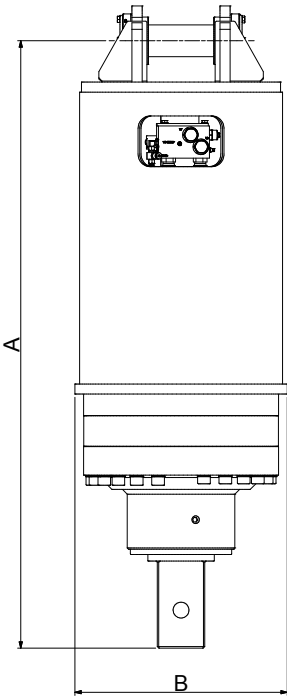
PLANETARY ANCHOR DRIVES

Suits Excavator 35-50 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. Host machine operates in the most efficient HP range, minimising wear & tear & optimising performance & returns.

Features

- Highest volumetrically efficient motors available, ensure consistent & efficient pile installation throughout the working day
- Compact, High Quality, Australian made gearbox
- In built PRV (pressure relief valve) standard
- ECV (Energy Control relief Valve) to prevent rapid decompression of oil, caused by the reverse energy created by pile kick-back
- Engineered hood & ears for maximum strength
- Extreme duty shaft locking system
- No complex hoses, valving or filtration
- 2 speed drives available up to 380 lpm, no need to detune your machine
- 1yr Gearbox & 1yr Motor Warranty



Specifications	UD 190	UD 220	UD 250	UD 300
Maximum Torque (Nm)	186,644	207,653	243,495	305,371
Max Pressure - Do not exceed	240 bar @ 380 lpm			
Max Flow - Do not exceed	380 lpm @ 240 bar			
Max Power (Kw)	150	150	150	150
Motor	Radial Piston	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included	Included
ECV	Included	Included	Included	Included
Overall Length - A (mm)	1915	1915	1915	1915
Diameter - B (mm)	671	671	671	671
Weight - No Hitch/Oil (kg)	1194	1573	1573	1573
Shaft (mm)	150 Square	150 Square	150 Square	150 Square



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Torque Output

Pressure BAR	UD 190		UD 220		UD 250		UD 300	
	Hi Torque Low Speed	Low Torque Hi Speed	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	77,768	38,884	86,522	43,261	101,456	50,728	127,238	63,619
110	85,545	42,773	95,174	47,587	111,602	55,801	139,962	69,981
120	93,322	46,661	103,827	51,913	121,747	60,874	152,686	76,343
130	101,099	50,549	112,479	56,239	131,893	65,947	165,409	82,705
140	108,875	54,438	121,131	60,566	142,039	71,019	178,133	89,067
150	116,652	58,326	129,783	64,892	152,184	76,092	190,857	95,428
160	124,429	62,215	138,436	69,218	162,330	81,165	203,581	101,790
170	132,206	66,103	147,088	73,544	172,475	86,238	216,305	108,152
180	139,983	69,991	155,740	77,870	182,621	91,311	229,028	114,514
190	147,760	73,880	164,392	82,196	192,767	96,383	241,752	120,876
200	155,536	77,768	173,044	86,522	202,912	101,456	254,476	127,238
210	163,313	81,657	181,697	90,848	213,058	106,529	267,200	133,600
220	171,090	85,545	190,349	95,174	223,204	111,602	279,924	139,962
230	178,867	89,433	199,001	99,501	233,349	116,675	292,647	146,324
240	186,644	93,322	207,653	103,827	243,495	121,747	305,371	152,686

Speed Output

Flow LPM	UD 190		UD 220		UD 250		UD 300	
	Hi Torque Low Speed	Low Torque Hi Speed	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	2	4	2	4	2	3	1	3
120	2	5	2	4	2	4	2	3
140	3	6	3	5	2	4	2	4
160	3	7	3	6	3	5	2	4
180	4	7	3	7	3	6	2	5
200	4	8	4	7	3	6	3	5
220	5	9	4	8	3	7	3	6
240	5	10	4	9	4	8	3	6
260	5	11	5	10	4	8	3	7
280	6	11	5	10	4	9	4	7
300	6	12	6	11	5	9	4	8
320	7	13	6	12	5	10	4	8
340	7	14	6	13	5	11	4	9
360	7	15	7	13	6	11	5	9
380	8	16	7	14	6	12	5	10

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.