

## PLANETARY ANCHOR DRIVES

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 KW range, minimising wear & tear & optimising performance & returns

### Features

- Highest volumetrically efficient motors available, ensure consistent and efficient pile installation throughout the working day
- Compact, High Quality, Australian made gearbox
- Built-in PRV (pressure relief valve)
- ECV (Energy Control relief Valve) prevents 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 200lpm (peak), no need to detune your machine
- 3yr Gearbox & 2yr Motor Warranty



### OUTPUT SPEED AND TORQUE

MODEL	PD15-SV	PD18-SV	PD22-SV	TORQUE OUTPUT (NM)				SPEED OUTPUT (RPM)			
				BAR	PD15-SV	PD18-SV	PD22-SV	LPM	PD15-SV	PD18-SV	PD22-SV
Max Torque (Nm) @ 240 bar	13,897	17,590	22,223	100	5,790	7,329	9,259	30	8	7	5
Pressure Relief Valve Fitted	Included	Included	Included	110	6,369	8,062	10,185	40	11	9	7
Energy Control Valve	Included	Included	Included	120	6,948	8,795	11,111	50	14	11	9
Motor	6K Bell Eaton			130	7,527	9,528	12,037	60	17	13	10
Max Continuous Pressure - Do not exceed*	210 lpm @ 145 bar	240 bar @ 130 lpm		140	8,107	10,261	12,963	70	19	15	12
Max Flow (lpm) - Do not exceed*	230 lpm @ 160 bar			150	8,686	10,994	13,889	80	22	17	14
Power (Kw) - Do not exceed*	50 Kw			160	9,265	11,727	14,815	90	25	20	15
Overall Length (mm)	1006	1006	1006	170	9,844	12,460	15,741	100	28	22	17
Diameter (mm)	290	290	290	180	10,423	13,193	16,667	110	30	24	19
Weight (No linkage and hitch)	176	176	176	190	11,002	13,926	17,593	120	33	26	21
STD Output Shaft	75mm Square	75mm Square	75mm Square	200	11,581	14,659	18,519	130	36	28	22
				210	12,160	15,391	19,445	140	39	30	24
				220	12,739	16,124	20,371	150	41	33	26
				230	13,318	16,857	21,297	160	44	35	28
				240	13,897	17,590	22,223	170	47	37	29
								180	50	39	31
								190	52	41	33
								200	55	43	34
								210	58	46	36
								220	61	48	38
								230	63	50	40

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.