

## 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
- PRV (pressure relief valve) standard on PD12-SV model
- ECV (Energy Control relief Valve) standard on PD12-SV model, 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	PD8HF	PD10HF	PD12-SV	TORQUE OUTPUT (NM)				SPEED OUTPUT (RPM)			
				BAR	PD8HF	PD10HF	PD12-SV	LPM	PD8HF	PD10HF	PD12-SV
Max Torque (Nm) @ 240 bar	7,136	9,703	11,268								
Pressure Relief Valve Fitted	Optional	Optional	Included	100	2,973	4,043	4,695	30	16	12	10
Energy Control Valve	NA	NA	Included	110	3,271	4,447	5,164	40	21	16	14
Motor	6K Bell Eaton			120	3,568	4,851	5,634	50	27	20	17
Max Continuous Pressure - Do not exceed*	240 bar @ 130 lpm			130	3,865	5,256	6,103	60	32	24	20
Max Flow (lpm) - Do not exceed*	230 lpm @ 130 bar			140	4,163	5,660	6,573	70	37	28	24
Power (Kw) - Do not exceed*	50 Kw			150	4,460	6,064	7,042	80	43	32	27
Overall Length (mm)	950	950	950	160	4,758	6,469	7,512	90	48	36	31
Diameter (mm)	290	290	290	170	5,055	6,873	7,981	100	54	39	34
Weight (No linkage and hitch)	149	149	149	180	5,352	7,277	8,451	110	59	43	37
STD Output Shaft	75mm Square	75mm Square	75mm Square	190	5,650	7,681	8,920	120	64	47	41
				200	5,947	8,086	9,390	130	70	51	44
				210	6,244	8,490	9,859	140	75	55	47
				220	6,542	8,894	10,329	150	80	59	51
				230	6,839	9,299	10,798	160	86	63	54
				240	7,136	9,703	11,268	170	91	67	58
				180	5,352	7,277	8,451	110	59	43	37
				190	5,650	7,681	8,920	120	64	47	41
				200	5,947	8,086	9,390	130	70	51	44
				210	6,244	8,490	9,859	140	75	55	47
220	6,542	8,894	10,329	150	80	59	51				
230	6,839	9,299	10,798	160	86	63	54				
240	7,136	9,703	11,268	170	91	67	58				
				180	96	71	61				
				190	102	75	64				
				200	107	79	68				
				210			71				
				220			75				
				230			78				

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.