

PLANETARY ANCHOR DRIVES

Developed in conjunction with the leading Screw Anchor/Pile installers around the world, designed & manufactured specifically for the rigours of the application. The host machine operates in its most efficient KW range, minimising wear & tear.

MODEL	PD25-SV	PD30-SV	PD40-SV	PD50-SV
Max Torque (Nm) @ 240 bar	26,267	30,543	33,041	38,420
Pressure Relief Valve Fitted	Included	Included	Included	Included
Energy Control Valve	Included	Included	Included	Included
Motor	6K Bell Eaton			
Max Continuous Pressure - Do not exceed*	240 bar @ 130 lpm			
Max Flow (lpm) - Do not exceed*	230 lpm @ 130 bar			
Power (Kw) - Do not exceed*	50 Kw			
Overall Length (mm)	1152	1152	1152	1152
Diameter (mm)	355	355	355	355
Weight (No linkage and hitch)	300	300	300	300
STD Output Shaft	100mm Square	100mm Square	100mm Square	100mm Square



OUTPUT SPEED AND TORQUE

LPM	SPEED OUTPUT (RPM)				BAR	TORQUE OUTPUT (NM)			
	PD25-SV	PD30-SV	PD40-SV	PD50-SV		PD25-SV	PD30-SV	PD40-SV	PD50-SV
30	4	4	3	3	100	10,945	12,726	13,767	16,008
40	6	5	5	4	110	12,039	13,999	15,144	17,609
50	7	6	6	5	120	13,134	15,272	16,521	19,210
60	9	8	7	6	130	14,228	16,544	17,897	20,811
70	10	9	8	7	140	15,322	17,817	19,274	22,412
80	12	10	9	8	150	16,417	19,089	20,651	24,013
90	13	11	10	9	160	17,511	20,362	22,028	25,613
100	15	13	12	10	170	18,606	21,635	23,404	27,214
110	16	14	13	11	180	19,700	22,907	24,781	28,815
120	17	15	14	12	190	20,795	24,180	26,158	30,416
130	19	16	15	13	200	21,889	25,453	27,534	32,017
140	20	18	16	14	210	22,984	26,725	28,911	33,618
150	22	19	17	15	220	24,078	27,998	30,288	35,218
160	23	20	19	16	230	25,173	29,271	31,665	36,819
170	25	21	20	17	240	26,267	30,543	33,041	38,420
180	26	23	21	18					
190	28	24	22	19					
200	29	25	23	20					
210	31	26	24	21					
220	32	28	25	22					
230	33	29	27	23					

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 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.