

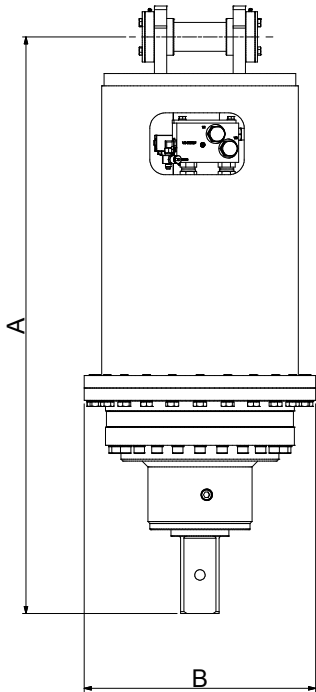
PLANETARY ANCHOR DRIVES

Suits Excavator 15-30 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 300lpm (peak), no need to detune your machine
- 1yr Gearbox & 1yr Motor Warranty



Specifications	SD 45	SD 50	SD 70	SD 80	SD 95
Maximum Torque (Nm)	44,333	51,985	68,018	81,986	91,215
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	150
Motor	Radial Piston	Radial Piston	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included	Included	Included
ECV	Included	Included	Included	Included	Included
Overall Length - A (mm)	1493	1493	1493	1493	1493
Diameter - B (mm)	600	600	600	600	600
Weight - No Hitch/Oil (kg)	838	836	836	836	843
Shaft (mm)	100 Square	100 Square	100 Square	100 Square	100 Square



PLANETARY ANCHOR DRIVES

Suits Excavator 15-30 tonne

Torque Output

Pressure BAR	SD 45		SD 50		SD 70		SD 80		SD 95	
	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	Hi Torque Low Speed	Low Torque Hi Speed
100	18,472	9,236	21,661	10,830	28,341	14,170	34,161	17,081	38,006	19,003
110	20,319	10,160	23,827	11,913	31,175	15,588	37,577	18,789	41,807	20,904
120	22,167	11,083	25,993	12,996	34,009	17,005	40,993	20,497	45,608	22,804
130	24,014	12,007	28,159	14,079	36,843	18,422	44,409	22,205	49,408	24,704
140	25,861	12,931	30,325	15,162	39,677	19,839	47,825	23,913	53,209	26,604
150	27,708	13,854	32,491	16,245	42,511	21,256	51,242	25,621	57,010	28,505
160	29,556	14,778	34,657	17,328	45,346	22,673	54,658	27,329	60,810	30,405
170	31,403	15,701	36,823	18,412	48,180	24,090	58,074	29,037	64,611	32,305
180	33,250	16,625	38,989	19,495	51,014	25,507	61,490	30,745	68,411	34,206
190	35,097	17,549	41,155	20,578	53,848	26,924	64,906	32,453	72,212	36,106
200	36,945	18,472	43,321	21,661	56,682	28,341	68,322	34,161	76,013	38,006
210	38,792	19,396	45,487	22,744	59,516	29,758	71,738	35,869	79,813	39,907
220	40,639	20,319	47,653	23,827	62,350	31,175	75,154	37,577	83,614	41,807
230	42,486	21,243	49,819	24,910	65,184	32,592	78,570	39,285	87,415	43,707
240	44,333	22,167	51,985	25,993	68,018	34,009	81,986	40,993	91,215	45,608

Speed Output

Flow LPM	SD 45		SD 50		SD 70		SD 80		SD 95	
	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	Hi Torque Low Speed	Low Torque Hi Speed
100	9	17	7	15	6	11	5	9	4	8
120	10	21	9	18	7	13	6	11	5	10
140	12	24	10	21	8	16	7	13	6	12
160	14	28	12	24	9	18	7	15	7	13
180	16	31	13	26	10	20	8	17	8	15
200	17	34	15	29	11	22	9	19	8	17
220	19	38	16	32	12	25	10	21	9	18
240	21	41	18	35	13	27	11	22	10	20
260	22	45	19	38	15	29	12	24	11	22
280	24	48	21	41	16	31	13	26	12	23
300	26	52	22	44	17	34	14	28	13	25
320	28	55	24	47	18	36	15	30	13	27
340	29	59	25	50	19	38	16	32	14	28
360	31	62	26	53	20	40	17	34	15	30
380	33	66	28	56	21	43	18	35	16	32

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.