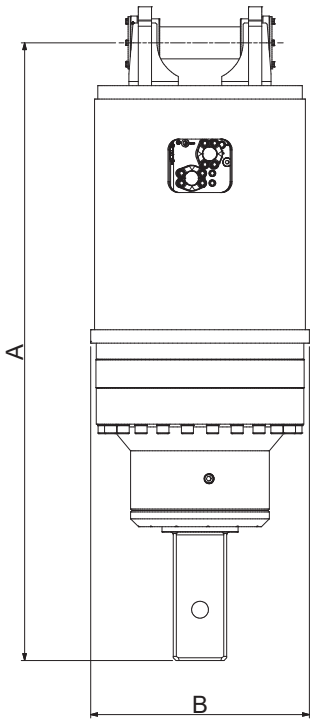


PLANETARY ANCHOR DRIVES

Suits Excavator 50-80 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 | XD 270 | XD 310 | XD 410 | XD 500 |
|------------------------------|-------------------|---------------|---------------|---------------|
| Maximum Torque (Nm) | 259,803 | 304,646 | 398,602 | 480,458 |
| 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) | 2410 | 2410 | 2410 | 2410 |
| Diameter - B (mm) | 820 | 820 | 820 | 820 |
| Weight - No Hitch/Oil (kg) | 2878 | 2878 | 2878 | 2878 |
| Shaft (mm) | 200 Square | 200 Square | 200 Square | 200 Square |



PLANETARY ANCHOR DRIVES

Suits Excavator 50-80 tonne

TORQUE OUTPUT

| PRESSURE BAR | XD 270 | | XD 310 | | XD 410 | | XD 500 | |
|--------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 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 | 108,251 | 54,126 | 126,936 | 63,468 | 166,084 | 83,042 | 200,191 | 100,095 |
| 110 | 119,076 | 59,538 | 139,629 | 69,815 | 182,693 | 91,346 | 220,210 | 110,105 |
| 120 | 129,902 | 64,951 | 152,323 | 76,161 | 199,301 | 99,650 | 240,229 | 120,114 |
| 130 | 140,727 | 70,363 | 165,016 | 82,508 | 215,909 | 107,955 | 260,248 | 130,124 |
| 140 | 151,552 | 75,776 | 177,710 | 88,855 | 232,518 | 116,259 | 280,267 | 140,134 |
| 150 | 162,377 | 81,188 | 190,404 | 95,202 | 249,126 | 124,563 | 300,286 | 150,143 |
| 160 | 173,202 | 86,601 | 203,097 | 101,549 | 265,735 | 132,867 | 320,305 | 160,153 |
| 170 | 184,027 | 92,014 | 215,791 | 107,895 | 282,343 | 141,172 | 340,324 | 170,162 |
| 180 | 194,852 | 97,426 | 228,484 | 114,242 | 298,951 | 149,476 | 360,343 | 180,172 |
| 190 | 205,677 | 102,839 | 241,178 | 120,589 | 315,560 | 157,780 | 380,362 | 190,181 |
| 200 | 216,503 | 108,251 | 253,871 | 126,936 | 332,168 | 166,084 | 400,381 | 200,191 |
| 210 | 227,328 | 113,664 | 266,565 | 133,283 | 348,777 | 174,388 | 420,401 | 210,200 |
| 220 | 238,153 | 119,076 | 279,259 | 139,629 | 365,385 | 182,693 | 440,420 | 220,210 |
| 230 | 248,978 | 124,489 | 291,952 | 145,976 | 381,994 | 190,997 | 460,439 | 230,219 |
| 240 | 259,803 | 129,902 | 304,646 | 152,323 | 398,602 | 199,301 | 480,458 | 240,229 |

SPEED OUTPUT

| FLOW LPM | XD 270 | | XD 310 | | XD 410 | | XD 500 | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | 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 | 1 | 3 | 1 | 3 | 1 | 2 | 1 | 2 |
| 120 | 2 | 4 | 2 | 3 | 1 | 2 | 1 | 2 |
| 140 | 2 | 4 | 2 | 4 | 1 | 3 | 1 | 2 |
| 160 | 2 | 5 | 2 | 4 | 2 | 3 | 1 | 3 |
| 180 | 3 | 5 | 2 | 5 | 2 | 3 | 1 | 3 |
| 200 | 3 | 6 | 3 | 5 | 2 | 4 | 2 | 3 |
| 220 | 3 | 6 | 3 | 6 | 2 | 4 | 2 | 3 |
| 240 | 4 | 7 | 3 | 6 | 2 | 5 | 2 | 4 |
| 260 | 4 | 8 | 3 | 7 | 2 | 5 | 2 | 4 |
| 280 | 4 | 8 | 4 | 7 | 3 | 5 | 2 | 4 |
| 300 | 4 | 9 | 4 | 8 | 3 | 6 | 2 | 5 |
| 320 | 5 | 9 | 4 | 8 | 3 | 6 | 3 | 5 |
| 340 | 5 | 10 | 4 | 9 | 3 | 7 | 3 | 5 |
| 360 | 5 | 11 | 5 | 9 | 3 | 7 | 3 | 6 |
| 380 | 6 | 11 | 5 | 10 | 4 | 7 | 3 | 6 |

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.