AUGER DRIVES

MINI EXCAVATOR 2T - 5T

Features

- High quality EATON/DIGGA Bell motor
- Highly efficient design, less moving parts, increased efficiency
- Compact, powerful Digga planetary gearbox
- Drive can go down the hole for greater digging depth
- 2 Piece shaft, lifetime pullout warranty
- Low maintenance with industry leading warranty

Model	PDX2	PDX3	PD3	PD4	PD5	PD6
Min Rec Flow	30 lpm	30 lpm	45 lpm	55 lpm	60 lpm	70 lpm
Max Rec Flow	50 lpm	55 lpm	75 lpm	85 lpm	95 lpm	115 lpm
Max Torque (Nm) @ 240 bar	2350	2850	3600	4450	5150	5600
Pressure Valve Fitted	NA	NA	Optional	Optional	Optional	Optional
Max Pressure (Bar)	Max Pressure - Do not exceed 240 Bar @ 60 lpm					
Max Flow (lpm)	Max Flow - Do not exceed 115 lpm @ 130 Bar					
Power (Kw)	Do not exceed 25 Kw (34HP)					
Overall Length (mm)	557	579	579	579	579	730
Diameter (mm)	187	187	240	240	240	240
Weight (No linkage and hitch)	45	45	56	56	62	84
STD Output Shaft	65mm Round	65mm Round	65mm Round	65mm Round	75mm Square	75mm Square
Swing Control (SCS)	NA	NA	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	NA	NA	Optional	Optional	Optional	Optional
Recommended Auger Diameter						
Recommended Auger	A4/RC4	A4/RC4	A4/RC4	A4/RC4	A6/RC6	A6/RC6
Max Auger Dia Clay/Shale*	450mm	450mm	600mm	750mm	900mm	900mm
Max Auger Dia Earth*	600mm	600mm	750mm	900mm	1000mm	1000mm

OUTPUT SPEED AND TORQUE

PDX2			
Output Speed		Output Torque	
Lpm	RPM	Bar	Nm
30	50	120	1150
35	58	140	1350
40	66	160	1550
45	75	180	1750
50	83	200	2000
		220	2150
		240	2350

PDX3			
Output Speed		Output Torque	
Lpm	RPM	Bar	Nm
30	41	120	1450
35	47	140	1650
40	54	160	1900
45	61	180	2150
50	68	200	2400
55	74	220	2600
		240	2850

PD3			
Output Speed		Output Torque	
Lpm	RPM	Bar	Nm
45	49	120	1800
50	54	140	2100
55	59	160	2400
60	65	180	2700
65	70	200	3000
70	75	220	3300
75	81	240	3600

PD4			
Output Speed		Output Torque	
Lpm	RPM	Bar	Nm
55	47	120	2250
60	52	140	2600
65	56	160	3000
70	60	180	3350
75	64	200	3750
80	69	220	4100
85	73	240	4450

PD5			
Output Speed		Output Torque	
Lpm	RPM	Bar	Nm
60	45	120	2600
65	48	140	3050
70	52	160	3450
75	56	180	3900
80	60	200	4300
85	63	220	4750
90	67	240	5150
95	70		

PD6			
Output Speed		Output Torque	
Lpm	RPM	Bar	Nm
70	48	120	2800
75	51	140	3300
80	55	160	3750
85	58	180	4200
90	61	200	4700
95	65	220	5150
100	68	240	5600
105	72		
110	75		
115	79		

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.