

# DIGGA: PD3 - PD4 - PD5 - PD6 TO SUIT EXCAVATOR'S 3T - 8T



## Features

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



Model	PD3	PD4	PD5	PD6
Recommended Flow - (optimum)	45-(60)-75 lpm	50-(70)-85 lpm	60-(85)-95 lpm	70-(95)-110 lpm
Max Torque (Nm) @ 240 bar	3,544	4,448	5,151	5,596
Motor	2K Bell Eaton	2K Bell Eaton	2K Bell Eaton	2K Bell Eaton
Pressure Valve Fitted	Optional	Optional	Optional	Optional
Energy Control Valve	N/A	N/A	N/A	N/A
Case Drain Required	No	No	No	No
Max Pressure (Bar) - Do not exceed	240 Bar @ 60 Lpm			
Max Flow (lpm) - Do not exceed	115 Lpm @ 130 Bar			
Power (Kw) - Do not exceed	25 kw (34 Hp)			
Overall Length (mm)	579	579	579	730
Diameter (mm)	240	240	240	240
Weight (No linkage and hitch)	56	56	62	84
STD Output Shaft	50.8mm Hex	50.8mm Hex	50.8mm Hex	50.8mm Hex - 75mm Sq
Swing Control (SCS)	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	Optional	Optional	Optional	Optional
<b>Recommended Auger Diameter</b>				
Recommended Auger	A4 Series	A4 Series	A4 Series	A4-A6 Series
Max Auger Dia Clay/Shale*	600mm	750mm	900mm	900mm
Max Auger Dia Earth*	900mm	1200mm	1200mm	1200mm



PD3				PD4			
Output Speed		Output Torque		Output Speed		Output Torque	
Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm
45	49	120	1,772	55	47	120	2,224
50	54	140	2,068	60	52	140	2,595
55	59	160	2,363	65	56	160	2,966
60	65	180	2,658	70	60	180	3,336
65	70	200	2,954	75	64	200	3,707
70	75	220	3,249	80	69	220	4,078
75	81	240	3,544	85	73	240	4,448

PD5				PD6			
Output Speed		Output Torque		Output Speed		Output Torque	
Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm
60	45	120	2,575	70	48	120	2,798
65	48	140	3,005	75	51	140	3,265
70	52	160	3,434	80	55	160	3,731
75	56	180	3,863	85	58	180	4,197
80	59	200	4,292	90	61	200	4,664
85	63	220	4,721	95	65	220	5,130
90	67	240	5,151	100	68	240	5,596
95	70			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.

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