

EXCAVATOR/BACKHOE 5T - 10T



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	PD4	PD5	PD6	PD7	PD8	PD10
Min Rec Flow	55 lpm	60 lpm	70 lpm	75 lpm	80 lpm	85 lpm
Max Rec Flow	85 lpm	95 lpm	115 lpm	115 lpm	115 lpm	115 lpm
Max Torque (Nm) @ 240 bar	4,448	5,151	5,596	6,040	7,024	8,487
Pressure Valve Fitted	Optional	Optional	Optional	Optional	Optional	Optional
Max Pressure - Do not exceed	240 Bar @ 60 lpm					
Max Flow - Do not exceed	115 lpm @ 130 Bar					
Power - Do not exceed	25 Kw (34HP)					
Overall Length (mm)	579	579	730	734	854	854
Diameter (mm)	240	240	240	240	290	290
Weight (kg) - No linkage & hitch	58	67	89	90	107	110
STD Output Shaft	75mm Square	75mm Square	75mm Square	75mm Square	75mm Square	75mm Square
Swing Control (SCS)	Optional	Optional	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	Optional	Optional	Optional	Optional	Optional	Optional
Recommended Auger Diameter						
Recommended Auger	A4/RC4	A6/RC6	A6/RC6	A6/RC6	A6/RC6	A6/RC6
Max Auger Dia Clay/Shale*	750mm	900mm	900mm	900mm	1000mm	1000mm
Max Auger Dia Earth*	900mm	1000mm	1000mm	1000mm	1200mm	1500mm

OUTPUT SPEED AND TORQUE

PD4				PD5				PD6			
Output Speed		Output Torque		Output Speed		Output Torque		Output Speed		Output Torque	
Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm
55	47	120	2,224	60	45	120	2,575	70	48	120	2,798
60	52	140	2,595	65	48	140	3,005	75	51	140	3,265
65	56	160	2,966	70	52	160	3,434	80	55	160	3,731
70	60	180	3,336	75	56	180	3,863	85	58	180	4,197
75	64	200	3,707	80	59	200	4,292	90	61	200	4,664
80	69	220	4,078	85	63	220	4,721	95	65	220	5,130
85	73	240	4,448	90	67	240	5,151	100	68	240	5,596
				95	70			105	72		
								110	75		
								115	79		

PD7				PD8				PD10			
Output Speed		Output Torque		Output Speed		Output Torque		Output Speed		Output Torque	
Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm
75	47	120	3,020	80	44	120	3,512	85	38	120	4,243
80	51	140	3,523	85	46	140	4,097	90	41	140	4,951
85	54	160	4,027	90	49	160	4,682	95	43	160	5,658
90	57	180	4,530	95	52	180	5,268	100	45	180	6,365
95	60	200	5,034	100	54	200	5,853	105	47	200	7,072
100	63	220	5,537	105	57	220	6,438	110	50	220	7,780
105	66	240	6,040	110	60	240	7,024	115	52	240	8,487
110	70			115	63						
115	73										

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.