

EXCAVATOR/BACKHO E 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	4450	5150	5600	6050	7050	8500
Pressure Valve Fitted	Optional	Optional	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)	579	579	730	734	854	854
Diameter (mm)	240	240	240	240	290	290
Weight (No linkage and hitch)	56	62	84	100	107	110
STD Output Shaft	65mm Round	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/RC6	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	2250	60	45	120	2600	70	48	120	2800
60	52	140	2600	65	48	140	3050	75	51	140	3300
65	56	160	3000	70	52	160	3450	80	55	160	3750
70	60	180	3350	75	56	180	3900	85	58	180	4200
75	64	200	3750	80	60	200	4300	90	61	200	4700
80	69	220	4100	85	63	220	4750	95	65	220	5150
85	73	240	4450	90	67	240	5150	100	68	240	5600
				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	48	120	3050	80	44	120	3550	85	38	120	4250
80	51	140	3550	85	46	140	4100	90	41	140	4950
85	54	160	4050	90	49	160	4700	95	43	160	5650
90	57	180	4550	95	52	180	5300	100	45	180	6400
95	60	200	5050	100	54	200	5850	105	47	200	7100
100	63	220	5550	105	57	220	6450	110	50	220	7800
105	66	240	6050	110	60	240	7050	115	52	240	8500
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.