AUGER DRIVES

BACKHOE - HIGHFLOW

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	PD4HF	PD6HF	PD8HF	PD10HF
Min Rec Flow	50 lpm	60 lpm	80 lpm	100 lpm
Max Rec Flow	150 lpm	150 lpm	200 lpm	200 lpm
Max Torque (Nm) @ 240 bar	4,473	5,634	7,136	9,690
Pressure Valve Fitted	Included	Included	Included	Included
Max Pressure - Do not exceed	240 Bar @ 130 lpm			
Max Flow - Do not exceed	170 lpm @ 180 Bar	210 lpm @ 145 Bar	230 lpm @ 130 Bar	
Power - Do not exceed	50 Kw (67HP)			
Overall Length (mm)	950	950	950	950
Diameter (mm)	290	290	290	290
Weight (kg) - No linkage & hitch	149	149	149	149
STD Output Shaft	75mm Square	75mm Square	75mm Square	75mm Square
Swing Control (SCS)	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	Optional	Optional	Optional	Optional
Recommended Auger Diameter				
Recommended Auger	A6/RC6	A6/RC6	A6/RC6	A8/RC8
Max Auger Dia Clay/Shale*	750mm	900mm	1000mm	1000mm
Max Auger Dia Earth*	1000mm	1200mm	1200mm	1500mm

OUTPUT SPEED AND TORQUE

PD4HF				PD6HF				PD8HF				PD10HF			
Output Speed		Output Torque		Output Speed		Output Torque		Output Speed		Output Torque		Output Speed		Output Torque	
Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm	Lpm	RPM	Bar	Nm
50	43	120	2,237	60	41	120	2,817	80	43	120	3,568	100	39	120	4,845
70	60	140	2,609	80	54	140	3,286	100	54	140	4,163	120	47	140	5,653
90	77	160	2,982	100	68	160	3,756	120	64	160	4,758	140	55	160	6,460
110	94	180	3,355	120	81	180	4,225	140	75	180	5,352	160	63	180	7,268
130	111	200	3,728	140	95	200	4,695	160	86	200	5,947	180	71	200	8,075
150	128	220	4,101	150	102	220	5,164	180	96	220	6,542	200	79	220	8,883
		240	4,473			240	5,634	200	107	240	7,136			240	9,690

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.