AUGER DRIVES

EXCAVATORS - 20T-50T

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

HALO

5 YEARS GEARBOX WARRANTY

3 YEARS MOTOR WARRANTY

MODEL	PD25	PD30	PD40	PD50
Min Rec Flow	120 lpm	120 lpm	120 lpm	120 lpm
Max Rec Flow	230 lpm	230 lpm	230 lpm	230lpm
Max Torque (Nm) @ 240 bar	26,267	30,543	33,041	38,420
Pressure Valve Fitted	Included	Included	Included	Included
Max Pressure - Do not exceed	240 Bar @ 130 lpm			
Max Flow - Do not exceed	230 lpm @ 130 Bar			
Power - Do not exceed	50 Kw (67 HP)			
Overall Length (mm)	1152	1152	1152	1152
Diameter (mm)	355	355	355	355
Weight (kg) - No linkage & hitch	300	300	300	300
STD Output Shaft	100mm Square	100mm Square	100mm Square	100mm Square
Swing Control (SCS)	Optional	Optional	Optional	Optional
Diggalign (Auger Alignment)	Optional	Optional	Optional	Optional
HALO (Auger Alignment)	Optional	Optional	Optional	Optional
RECOMMENDED AUGER DIAMETER				
Recommended Auger	RC10/RC11	RC10/RC11	RC10/RC11	RC10/RC11
Max Auger Dia Clay/Shale*	1200mm	1200mm	1500mm	1500mm
Max Auger Dia Earth*	1600mm	1600mm	1800mm	1800mm

OUTPUT SPEED AND TORQUE

PD25				PD30				PD40				PD50			
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
120	17	120	13,134	120	15	120	15,272	120	14	120	16,521	120	12	120	19,210
130	19	140	15,322	130	16	140	17,817	130	15	140	19,274	130	13	140	22,412
140	20	160	17,511	140	18	160	20,362	140	16	160	22,028	140	14	160	25,613
150	22	180	19,700	150	19	180	22,907	150	17	180	24,781	150	15	180	28,815
160	23	200	21,889	160	20	200	25,453	160	19	200	27,534	160	16	200	32,017
170	25	220	24,078	170	21	220	27,998	170	20	220	30,288	170	17	220	35,218
180	26	240	26,267	180	23	240	30,543	180	21	240	33,041	180	18	240	38,420
190	28			190	24			190	22			190	19		
200	29			200	25			200	23			200	20		
210	31			210	26			210	24			210	21		
220	32			220	28			220	25			220	22		
230	33			230	29			230	27			230	23		

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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