HIGH FLOW 2-SPEED AUGER DRIVES

MACHINES UP TO 15 TONNE

DIGGA

Suit Machine up to 15 tonne including excavators & skid steer loaders, truck cranes, front end loaders, wheeled loaders and backhoes

5 YEARS GEARBOX WARRANTY

3 YEARS MOTOR WARRANTY

ESSENTIALLY 2 DRIVE UNITS IN ONE

Save time and money by eliminating the need for multiple drive units.

LOW SPEED - HIGH TORQUE

Ideal for drilling with large diameter augers or hard fracturable rock.

HIGH SPEED - LOW TORQUE

Ideal for small diameter augers or softer soils where speed is needed. Switch to high speed for added spin off speed for clearing larger diameter augers.

HALO AVAILABLE ON THESE DRIVES

FEATURES

- Compact high torque Digga gearbox
- Fitted with high efficiency Eaton VIS motor
- Integrated PRV (Pressure Relief Valve)
- Extreme duty shaft locking system
- Low maintenance with 5 year gear box and 3 year motor warranty

TWO SPEED

MODEL	PDT4HF	PDT6HF	PDT8HF	PDT10HF	PDT12
Recommended Flow	40-120 lpm	40-150 lpm	40-150 lpm	40-150 lpm	40-180 lpm
Max Torque (Nm) @ 240 bar	4,673	5,758	7,881	9,916	11,531
Motor	Vis EATON	Vis EATON	Vis EATON	Vis EATON	Vis EATON
Pressure Valve Fitted	Included	Included	Included	Included	Included
Energy Control Valve	Optional	Optional	Optional	Optional	Optional
Case Drain Required	Yes (Included)	Yes (Included)	Yes (Included)	Yes (Included)	Yes (Included)
Max Pressure	Do not exceed 240 Bar @ 150 lpm				
Max Flow	Do not exceed 180 lpm @ 200 Bar				
Max Continuous Power	Do not exceed 60 Kw (80HP)				
Overall Length (mm)	820	820	952	952	952
Diameter (mm)	340	340	340	340	340
Overall Width (mm)	392	392	392	392	392
Weight (No linkage and hitch)	134	134	158	159	159
STD Output Shaft	75mm Square	75mm Square	75mm Square	75mm Square	75mm Square
Swing Control (SCS)	N/A	N/A	N/A	N/A	N/A
Diggalign (Auger Alignment)	Optional	Optional	Optional	Optional	Optional
HALO (Auger Alignment)	Optional	Optional	Optional	Optional	Optional
Recommended Auger	6 Series	6 Series	6 Series	8 Series	8 Series
Max Recommended Dia Clay/shale*	750mm	900mm	1000mm	1000mm	1200mm
Max Recommended Dia Earth*	1000mm	1200mm	1200mm	1500mm	1600mm

(*) Max/min drilling diameter (DIA) dependant on ground conditions. Guide is a recommendation only.

SPEED - RPM

	PDT4HF		PDT6HF		PDT8HF		PDT10HF		PDT12	
FLOW LPM	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**
40	33	50	27	40	19	29	15	23	13	20
50	41	62	33	50	24	37	19	29	17	25
60	49	74	40	60	29	44	23	35	20	30
70	57	87	46	70	34	51	27	41	23	35
80	65	99	53	80	39	59	31	47	27	40
90	74	112	60	91	44	66	35	53	30	45
100	82	124	66	101	48	73	39	58	33	50
110	90	136	73	111	53	81	42	64	36	55
120	98	149	80	121	58	88	46	70	40	60
130			86	131	63	96	50	76	43	65
140			93	141	68	103	54	82	46	70
150			100	151	73	110	58	88	50	75
160									53	80
170									56	85
180									60	90

TORQUE - Nm

	PDT4HF		PDT6HF		PDT8HF		PDT10HF		PDT12	
PRESSURE BAR	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**	**High**	**Low**
90	1,752	1,157	2,159	1,425	2,956	1,951	3,719	2,454	4,324	2,854
100	1,947	1,285	2,399	1,584	3,284	2,167	4,132	2,727	4,804	3,171
110	2,142	1,414	2,639	1,742	3,612	2,384	4,545	3,000	5,285	3,488
120	2,336	1,542	2,879	1,900	3,941	2,601	4,958	3,272	5,765	3,805
130	2,531	1,671	3,119	2,059	4,269	2,818	5,371	3,545	6,246	4,122
140	2,726	1,799	3,359	2,217	4,598	3,034	5,785	3,818	6,726	4,439
150	2,920	1,928	3,599	2,375	4,926	3,251	6,198	4,091	7,207	4,756
160	3,115	2,056	3,839	2,534	5,254	3,468	6,611	4,363	7,687	5,074
170	3,310	2,185	4,079	2,692	5,583	3,685	7,024	4,636	8,168	5,391
180	3,505	2,313	4,319	2,850	5,911	3,901	7,437	4,909	8,648	5,708
190	3,699	2,442	4,559	3,009	6,239	4,118	7,850	5,181	9,128	6,025
200	3,894	2,570	4,799	3,167	6,568	4,335	8,264	5,454	9,609	6,342
210	4,089	2,699	5,039	3,325	6,896	4,552	8,677	5,727	10,089	6,659
220	4,283	2,827	5,278	3,484	7,225	4,768	9,090	5,999	10,570	6,976
230	4,478	2,956	5,518	3,642	7,553	4,985	9,503	6,272	11,050	7,293
240	4,673	3,084	5,758	3,800	7,881	5,202	9,916	6,545	11,531	7,610

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.