

ANCHOR DRIVE PERFORMANCE SPECIFICATIONS

Mechanical and volumetric efficiencies are applied to the torque and speed values.

IMPERIAL DATASHEET

SA SERIES

SINGLE SPEED MODELS

	TORQUE Ft-Lbs	SPEED RPM	PRESSURE PSI (Max)	FLOW GPM (Max)	OUTPUT SHAFT	MOTOR PORTS	MACHINE SIZE
SA5	5,104	30	2,500	25	2" Hex	-12 JIC	2-3 T
SA6L	6,631	23	2,500	25	2" Hex	-12 JIC	2-3 T
SA6	6,253	25	2,500	25	2" Hex	-12 JIC	2-3 T
SA7	7,381	21	2,500	25	2" Hex	-12 JIC	2-6 T
SA12	12,879	20	3,000	35	2-1/2" Hex	-12 JIC	6-12 T
SA16	17,190	15	3,000	35	2-1/2" Hex	-12 JIC	8-12 T
SA20	22,517	13	3,000	40	3" Hex	-16 JIC	12-20 T
SA30	30,886	10	3,000	40	4" Square	-16 JIC	15-20 T

The single-speed SA series is compact yet robust, utilizing our highly-efficient planetary gearboxes the SA Series is built for the demanding helical pile installation industry. Dinamic Oil Anchor Drives are designed to withstand long duty cycles that produce reliable TRUE TORQUE results. We publish actual performance values, not theoretical. Actual performance values ensure you select the right attachment for your job.

SA Series Features:

- No case drain needed on any SA series models.
- Counterbalance and pressure relief valves are standard.
- Models can be ordered with the Energi Torque Management system.
- One-piece cast alloy bail housing on smaller models to reduce weight.
- One-piece removable cast alloy top section available on larger models.
- Multiple prime mover mounting options available.
- Hardened steel connection pin is standard and included with Bail models.
- Heat-treated cast alloy link arm provides full drive articulation.
- Developed to work with a wide range of prime movers (skid steers and excavators).
- SA Series models are offered in different configurations to best suit your job requirements. Configurations include: With/Without Bail and Center Mount.



ENERGIZE YOUR ANCHOR DRIVES!

Instantly send all helical pile installation data directly from your mobile device. Energi is fully integrated into the SA Series gearboxes, providing an accurate & compact solution.

Maximum efficiencies have been applied to the torque and speed charts. **Values are NOT listed at 100% 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.

ANCHOR DRIVE PERFORMANCE SPECIFICATIONS

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METRIC DATASHEET

SA SERIES

SINGLE SPEED MODELS

	TORQUE Nm	SPEED RPM	PRESSURE BAR (Max)	MAX FLOW LPM (Max)	OUTPUT SHAFT	MOTOR PORTS	MACHINE SIZE
SA5	6,919	30	172	94	2" Hex	-12 JIC	2-3 T
SA6L	8,990	23	172	94	2" Hex	-12 JIC	2-3 T
SA6	8,477	25	172	94	2" Hex	-12 JIC	2-3 T
SA7	10,007	21	172	94	2" Hex	-12 JIC	2-6 T
SA12	17,461	20	207	133	2-1/2" Hex	-12 JIC	6-12 T
SA16	23,306	15	207	133	2-1/2" Hex	-12 JIC	8-12 T
SA20	30,529	13	207	151	3" Hex	-16 JIC	12-20 T
SA30	41,875	10	207	151	4" Square	-16 JIC	15-20 T

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