

ANCHOR DRIVE PERFORMANCE SPECIFICATIONS

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

SA SERIES

SINGLE SPEED MODELS

| | TORQUE Ft-Lbs | SPEED RPM | PRESSURE PSI (Max) | 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 |

Case drain line is NOT required on SA series models.

TA SERIES

TWO SPEED MODELS

| | TORQUE Ft-Lbs | SPEED RPM | PRESSURE PSI (Max) | MAX FLOW GPM (Max) | OUTPUT SHAFT | MOTOR PORTS | MACHINE SIZE |
|-------|------------------|--------------|-----------------------|-----------------------|-----------------|----------------|-----------------|
| TA16 | 17,340 | 19 / 28 | 3,000 | 45 | 2-1/2" Hex | Code 61 | 8-12 T |
| TA20 | 21,559 | 15 / 22 | 3,000 | 45 | 3" Hex | Code 61 | 12-20 T |
| TA40 | 40,508 | 8 / 12 | 3,000 | 45 | 130mm SQ | Code 61 | 15-20 T |
| TA60 | 63,730 | 20 / 39 | 5,000 | 100 | 130mm SQ | Code 62 | 20-30 T |
| TA80 | 80,300 | 16 / 31 | 5,000 | 100 | 130mm SQ | Code 62 | 20-30 T |
| TA100 | 104,605 | 12 / 24 | 5,000 | 100 | 150mm SQ | Code 62 | 30-45 T |
| TA200 | 202,678 | 6 / 12 | 5,000 | 100 | 177mm SQ | Code 62 | 45-55 T |
| TA300 | 303,835 | 4 / 8 | 5,000 | 100 | 200mm SQ | Code 62 | 55-70 T |

Case drain line MUST be used on TA Series models.

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.

IMPERIAL DATASHEET

ANCHOR DRIVE PERFORMANCE SPECIFICATIONS

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

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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TA SERIES

TWO SPEED MODELS

| | TORQUE Nm | SPEED RPM | PRESSURE BAR (Max) | MAX FLOW LPM (Max) | OUTPUT SHAFT | MOTOR PORTS | MACHINE SIZE |
|-------|--------------|--------------|-----------------------|-----------------------|-----------------|----------------|-----------------|
| TA16 | 23,510 | 19 / 28 | 207 | 170 | 2-1/2" Hex | Code 61 | 8-12 T |
| TA20 | 29,230 | 15 / 22 | 207 | 170 | 3" Hex | Code 61 | 12-20 T |
| TA40 | 54,922 | 8 / 12 | 207 | 170 | 130mm SQ | Code 61 | 15-20 T |
| TA60 | 86,406 | 19 / 39 | 345 | 378 | 130mm SQ | Code 62 | 20-30 T |
| TA80 | 108,871 | 16 / 31 | 345 | 378 | 130mm SQ | Code 62 | 20-30 T |
| TA100 | 141,825 | 12 / 24 | 345 | 378 | 150mm SQ | Code 62 | 30-45 T |
| TA200 | 274,795 | 6 / 12 | 345 | 378 | 177mm SQ | Code 62 | 45-55 T |
| TA300 | 411,946 | 4 / 8 | 345 | 378 | 200mm SQ | Code 62 | 55-70 T |

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METRIC DATASHEET