

BALDOR®

A MEMBER OF THE ABB GROUP



Pre-Engineered Torque-Arm II Screw Conveyor Drives

SYSTEM-1™

BALDOR • DODGE®



Why Choose System-1?

- Optimized product selection
- Pre-assembled packages
- Project coordination
- Reduces the total cost of ownership

All Pre-Assembled Packages are provided with: Torque Arm II Heavy Duty Gearing AGMA Class II Selection



CEMA Standard SCA Adapter & Hardware Kit
SCS Drive Shaft



Baldor Premium Efficient Motor
1800RPM, 3PH, 230/460VAC NEMA Design B Inverter Duty



Dodge Heavy Duty D-V Wedge Profile Sheaves & Belts Min 2 Groove Selection



Motor Mount & Expanded Metal Belt Guard Installed in Mounting Position "C",
1-10HP are M4
15-40HP are M3

Part Number Nomenclature

S1-SC-2-025-050-108

| | Product | Class | HP | Output RPM | Drive Shaft Dia. |
|---------|----------------|-------|----|------------|------------------|
| SYSTEM1 | Screw Conveyor | 2 | 25 | 50 | 1-1/2" |

- Unit will be assembled with belts loosely tensioned. Belts must be properly tensioned at final installation
- Unit is shipped without oil.
- Standard 2-3 week lead time
- PT Wizard Tool for Selecting Reducer – www.ptwizard.com

| 1HP | | | | | Drive Shaft Dia. | | | | |
|------|-----------|------------|----------|-----|------------------|-----------------|-----------------|-----------------|---------|
| RPM* | REDUCER | List Price | Disc Sym | WT | 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
| 25 | TA0107L31 | \$3,804 | SY20 | 212 | S1SC2001025-108 | S1SC2001025-200 | S1SC2001025-207 | S1SC2001025-300 | |
| 30 | TA0107L31 | \$3,804 | SY20 | 210 | S1SC2001030-108 | S1SC2001030-200 | S1SC2001030-207 | S1SC2001030-300 | |
| 35 | TA0107L31 | \$3,804 | SY20 | 208 | S1SC2001035-108 | S1SC2001035-200 | S1SC2001035-207 | S1SC2001035-300 | |
| 40 | TA0107L31 | \$3,804 | SY20 | 207 | S1SC2001040-108 | S1SC2001040-200 | S1SC2001040-207 | S1SC2001040-300 | |
| 45 | TA0107L31 | \$3,804 | SY20 | 207 | S1SC2001045-108 | S1SC2001045-200 | S1SC2001045-207 | S1SC2001045-300 | |
| 50 | TA0107L31 | \$3,804 | SY20 | 207 | S1SC2001050-108 | S1SC2001050-200 | S1SC2001050-207 | S1SC2001050-300 | |
| 55 | TA0107L25 | \$3,804 | SY20 | 213 | S1SC2001055-108 | S1SC2001055-200 | S1SC2001055-207 | S1SC2001055-300 | |
| 60 | TA0107L25 | \$3,804 | SY20 | 213 | S1SC2001060-108 | S1SC2001060-200 | S1SC2001060-207 | S1SC2001060-300 | |
| 65 | TA0107L25 | \$3,804 | SY20 | 213 | S1SC2001065-108 | S1SC2001065-200 | S1SC2001065-207 | S1SC2001065-300 | |
| 70 | TA0107L25 | \$3,804 | SY20 | 213 | S1SC2001070-108 | S1SC2001070-200 | S1SC2001070-207 | S1SC2001070-300 | |
| 75 | TA0107L15 | \$3,804 | SY20 | 215 | S1SC2001075-108 | S1SC2001075-200 | S1SC2001075-207 | S1SC2001075-300 | |
| 80 | TA0107L15 | \$3,804 | SY20 | 215 | S1SC2001080-108 | S1SC2001080-200 | S1SC2001080-207 | S1SC2001080-300 | |
| 85 | TA0107L15 | \$3,804 | SY20 | 214 | S1SC2001085-108 | S1SC2001085-200 | S1SC2001085-207 | S1SC2001085-300 | |
| 90 | TA0107L15 | \$3,804 | SY20 | 214 | S1SC2001090-108 | S1SC2001090-200 | S1SC2001090-207 | S1SC2001090-300 | |
| 95 | TA0107L15 | \$3,804 | SY20 | 214 | S1SC2001095-108 | S1SC2001095-200 | S1SC2001095-207 | S1SC2001095-300 | |
| 100 | TA0107L15 | \$3,804 | SY20 | 214 | S1SC2001100-108 | S1SC2001100-200 | S1SC2001100-207 | S1SC2001100-300 | |
| 105 | TA0107L15 | \$3,804 | SY20 | 214 | S1SC2001105-108 | S1SC2001105-200 | S1SC2001105-207 | S1SC2001105-300 | |
| 110 | TA0107L15 | \$3,804 | SY20 | 214 | S1SC2001110-108 | S1SC2001110-200 | S1SC2001110-207 | S1SC2001110-300 | |
| 115 | TA0107L15 | \$3,804 | SY20 | 213 | S1SC2001115-108 | S1SC2001115-200 | S1SC2001115-207 | S1SC2001115-300 | |
| 120 | TA0107L15 | \$3,804 | SY20 | 213 | S1SC2001120-108 | S1SC2001120-200 | S1SC2001120-207 | S1SC2001120-300 | |
| 125 | TA0107L09 | \$3,804 | SY20 | 216 | S1SC2001125-108 | S1SC2001125-200 | S1SC2001125-207 | S1SC2001125-300 | |

| 2 HP | | | | | Drive Shaft Dia. | | | | |
|------|-----------|------------|----------|-----|------------------|-----------------|-----------------|-----------------|---------|
| RPM* | REDUCER | List Price | Disc Sym | WT | 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
| 25 | TA1107H31 | \$4,508 | SY20 | 243 | S1SC2002025-108 | S1SC2002025-200 | S1SC2002025-207 | S1SC2002025-300 | |
| 30 | TA1107H31 | \$4,508 | SY20 | 241 | S1SC2002030-108 | S1SC2002030-200 | S1SC2002030-207 | S1SC2002030-300 | |
| 35 | TA1107H31 | \$4,508 | SY20 | 240 | S1SC2002035-108 | S1SC2002035-200 | S1SC2002035-207 | S1SC2002035-300 | |
| 40 | TA1107H31 | \$4,508 | SY20 | 241 | S1SC2002040-108 | S1SC2002040-200 | S1SC2002040-207 | S1SC2002040-300 | |
| 45 | TA1107H31 | \$4,508 | SY20 | 238 | S1SC2002045-108 | S1SC2002045-200 | S1SC2002045-207 | S1SC2002045-300 | |
| 50 | TA0107L31 | \$3,880 | SY20 | 203 | S1SC2002050-108 | S1SC2002050-200 | S1SC2002050-207 | S1SC2002050-300 | |
| 55 | TA0107L25 | \$3,880 | SY20 | 210 | S1SC2002055-108 | S1SC2002055-200 | S1SC2002055-207 | S1SC2002055-300 | |
| 60 | TA0107L25 | \$3,880 | SY20 | 211 | S1SC2002060-108 | S1SC2002060-200 | S1SC2002060-207 | S1SC2002060-300 | |
| 65 | TA0107L25 | \$3,880 | SY20 | 210 | S1SC2002065-108 | S1SC2002065-200 | S1SC2002065-207 | S1SC2002065-300 | |
| 70 | TA0107L25 | \$3,880 | SY20 | 209 | S1SC2002070-108 | S1SC2002070-200 | S1SC2002070-207 | S1SC2002070-300 | |
| 75 | TA0107L15 | \$3,880 | SY20 | 213 | S1SC2002075-108 | S1SC2002075-200 | S1SC2002075-207 | S1SC2002075-300 | |
| 80 | TA0107L15 | \$3,880 | SY20 | 212 | S1SC2002080-108 | S1SC2002080-200 | S1SC2002080-207 | S1SC2002080-300 | |
| 85 | TA0107L15 | \$3,880 | SY20 | 212 | S1SC2002085-108 | S1SC2002085-200 | S1SC2002085-207 | S1SC2002085-300 | |
| 90 | TA0107L15 | \$3,880 | SY20 | 212 | S1SC2002090-108 | S1SC2002090-200 | S1SC2002090-207 | S1SC2002090-300 | |
| 95 | TA0107L15 | \$3,880 | SY20 | 213 | S1SC2002095-108 | S1SC2002095-200 | S1SC2002095-207 | S1SC2002095-300 | |
| 100 | TA0107L15 | \$3,880 | SY20 | 212 | S1SC2002100-108 | S1SC2002100-200 | S1SC2002100-207 | S1SC2002100-300 | |
| 105 | TA0107L15 | \$3,880 | SY20 | 211 | S1SC2002105-108 | S1SC2002105-200 | S1SC2002105-207 | S1SC2002105-300 | |
| 110 | TA0107L15 | \$3,880 | SY20 | 211 | S1SC2002110-108 | S1SC2002110-200 | S1SC2002110-207 | S1SC2002110-300 | |
| 115 | TA0107L15 | \$3,880 | SY20 | 211 | S1SC2002115-108 | S1SC2002115-200 | S1SC2002115-207 | S1SC2002115-300 | |
| 120 | TA0107L09 | \$3,880 | SY20 | 213 | S1SC2002120-108 | S1SC2002120-200 | S1SC2002120-207 | S1SC2002120-300 | |
| 125 | TA0107L09 | \$3,880 | SY20 | 212 | S1SC2002125-108 | S1SC2002125-200 | S1SC2002125-207 | S1SC2002125-300 | |

***Nominal RPM**

- All reducers are AGMA Class II selection or better
- Motors are Premium Efficient Invertor Duty
- Heavy Duty D-V Wedge Belts (2 Groove Min)
- Belt guard, motor mount, screw conveyor adapter, and drive shaft included

Units are fully assembled with belts loosely tensioned, belts must be properly tensioned at installation
 Units are shipped without oil

| 3 HP | | | | |
|------|-----------|------------|----------|-----|
| RPM* | REDUCER | List Price | Disc Sym | WT |
| 25 | TA2115H33 | \$5,503 | SY20 | 363 |
| 30 | TA2115H33 | \$5,503 | SY20 | 359 |
| 35 | TA2115H33 | \$5,503 | SY20 | 359 |
| 40 | TA1107H31 | \$4,623 | SY20 | 288 |
| 45 | TA1107H31 | \$4,623 | SY20 | 288 |
| 50 | TA1107H31 | \$4,623 | SY20 | 286 |
| 55 | TA1107H25 | \$4,623 | SY20 | 283 |
| 60 | TA1107H25 | \$4,623 | SY20 | 284 |
| 65 | TA1107H25 | \$4,623 | SY20 | 284 |
| 70 | TA1107H25 | \$4,623 | SY20 | 283 |
| 75 | TA0107L15 | \$4,007 | SY20 | 260 |
| 80 | TA0107L15 | \$4,007 | SY20 | 259 |
| 85 | TA0107L15 | \$4,007 | SY20 | 259 |
| 90 | TA0107L15 | \$4,007 | SY20 | 258 |
| 95 | TA0107L15 | \$4,007 | SY20 | 259 |
| 100 | TA0107L15 | \$4,007 | SY20 | 263 |
| 105 | TA0107L15 | \$4,007 | SY20 | 258 |
| 110 | TA0107L15 | \$4,007 | SY20 | 257 |
| 115 | TA0107L15 | \$4,007 | SY20 | 257 |
| 120 | TA0107L15 | \$4,007 | SY20 | 257 |
| 125 | TA0107L09 | \$4,007 | SY20 | 259 |

| Drive Shaft Dia. | | | | |
|------------------|-----------------|-----------------|-----------------|---------|
| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
| S1SC2003025-108 | S1SC2003025-200 | S1SC2003025-207 | S1SC2003025-300 | |
| S1SC2003030-108 | S1SC2003030-200 | S1SC2003030-207 | S1SC2003030-300 | |
| S1SC2003035-108 | S1SC2003035-200 | S1SC2003035-207 | S1SC2003035-300 | |
| S1SC2003040-108 | S1SC2003040-200 | S1SC2003040-207 | S1SC2003040-300 | |
| S1SC2003045-108 | S1SC2003045-200 | S1SC2003045-207 | S1SC2003045-300 | |
| S1SC2003050-108 | S1SC2003050-200 | S1SC2003050-207 | S1SC2003050-300 | |
| S1SC2003055-108 | S1SC2003055-200 | S1SC2003055-207 | S1SC2003055-300 | |
| S1SC2003060-108 | S1SC2003060-200 | S1SC2003060-207 | S1SC2003060-300 | |
| S1SC2003065-108 | S1SC2003065-200 | S1SC2003065-207 | S1SC2003065-300 | |
| S1SC2003070-108 | S1SC2003070-200 | S1SC2003070-207 | S1SC2003070-300 | |
| S1SC2003075-108 | S1SC2003075-200 | S1SC2003075-207 | S1SC2003075-300 | |
| S1SC2003080-108 | S1SC2003080-200 | S1SC2003080-207 | S1SC2003080-300 | |
| S1SC2003085-108 | S1SC2003085-200 | S1SC2003085-207 | S1SC2003085-300 | |
| S1SC2003090-108 | S1SC2003090-200 | S1SC2003090-207 | S1SC2003090-300 | |
| S1SC2003095-108 | S1SC2003095-200 | S1SC2003095-207 | S1SC2003095-300 | |
| S1SC2003100-108 | S1SC2003100-200 | S1SC2003100-207 | S1SC2003100-300 | |
| S1SC2003105-108 | S1SC2003105-200 | S1SC2003105-207 | S1SC2003105-300 | |
| S1SC2003110-108 | S1SC2003110-200 | S1SC2003110-207 | S1SC2003110-300 | |
| S1SC2003115-108 | S1SC2003115-200 | S1SC2003115-207 | S1SC2003115-300 | |
| S1SC2003120-108 | S1SC2003120-200 | S1SC2003120-207 | S1SC2003120-300 | |
| S1SC2003125-108 | S1SC2003125-200 | S1SC2003125-207 | S1SC2003125-300 | |

| 5 HP | | | | |
|------|-----------|------------|----------|-----|
| RPM* | REDUCER | List Price | Disc Sym | WT |
| 25 | TA3203H32 | \$6,219 | SY20 | 484 |
| 30 | TA3203H32 | \$6,219 | SY20 | 475 |
| 35 | TA3203H32 | \$6,219 | SY20 | 474 |
| 40 | TA2115H33 | \$5,541 | SY20 | 379 |
| 45 | TA2115H33 | \$5,541 | SY20 | 380 |
| 50 | TA2115H33 | \$5,541 | SY20 | 381 |
| 55 | TA2115H25 | \$5,541 | SY20 | 381 |
| 60 | TA2115H25 | \$5,541 | SY20 | 380 |
| 65 | TA2115H25 | \$5,541 | SY20 | 377 |
| 70 | TA1107H25 | \$4,671 | SY20 | 299 |
| 75 | TA1107H15 | \$4,671 | SY20 | 301 |
| 80 | TA1107H15 | \$4,671 | SY20 | 304 |
| 85 | TA1107H15 | \$4,671 | SY20 | 301 |
| 90 | TA1107H15 | \$4,671 | SY20 | 300 |
| 95 | TA1107H15 | \$4,671 | SY20 | 300 |
| 100 | TA1107H15 | \$4,671 | SY20 | 303 |
| 105 | TA1107H15 | \$4,671 | SY20 | 298 |
| 110 | TA1107H15 | \$4,671 | SY20 | 298 |
| 115 | TA1107H15 | \$4,671 | SY20 | 300 |
| 120 | TA1107H09 | \$4,671 | SY20 | 301 |
| 125 | TA1107H09 | \$4,671 | SY20 | 305 |

| Drive Shaft Dia. | | | | |
|------------------|-----------------|-----------------|-----------------|-----------------|
| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
| S1SC2005025-108 | S1SC2005025-200 | S1SC2005025-207 | S1SC2005025-300 | S1SC2005025-307 |
| S1SC2005030-108 | S1SC2005030-200 | S1SC2005030-207 | S1SC2005030-300 | S1SC2005030-307 |
| S1SC2005035-108 | S1SC2005035-200 | S1SC2005035-207 | S1SC2005035-300 | S1SC2005035-307 |
| S1SC2005040-108 | S1SC2005040-200 | S1SC2005040-207 | S1SC2005040-300 | |
| S1SC2005045-108 | S1SC2005045-200 | S1SC2005045-207 | S1SC2005045-300 | |
| S1SC2005050-108 | S1SC2005050-200 | S1SC2005050-207 | S1SC2005050-300 | |
| S1SC2005055-108 | S1SC2005055-200 | S1SC2005055-207 | S1SC2005055-300 | |
| S1SC2005060-108 | S1SC2005060-200 | S1SC2005060-207 | S1SC2005060-300 | |
| S1SC2005065-108 | S1SC2005065-200 | S1SC2005065-207 | S1SC2005065-300 | |
| S1SC2005070-108 | S1SC2005070-200 | S1SC2005070-207 | S1SC2005070-300 | |
| S1SC2005075-108 | S1SC2005075-200 | S1SC2005075-207 | S1SC2005075-300 | |
| S1SC2005080-108 | S1SC2005080-200 | S1SC2005080-207 | S1SC2005080-300 | |
| S1SC2005085-108 | S1SC2005085-200 | S1SC2005085-207 | S1SC2005085-300 | |
| S1SC2005090-108 | S1SC2005090-200 | S1SC2005090-207 | S1SC2005090-300 | |
| S1SC2005095-108 | S1SC2005095-200 | S1SC2005095-207 | S1SC2005095-300 | |
| S1SC2005100-108 | S1SC2005100-200 | S1SC2005100-207 | S1SC2005100-300 | |
| S1SC2005105-108 | S1SC2005105-200 | S1SC2005105-207 | S1SC2005105-300 | |
| S1SC2005110-108 | S1SC2005110-200 | S1SC2005110-207 | S1SC2005110-300 | |
| S1SC2005115-108 | S1SC2005115-200 | S1SC2005115-207 | S1SC2005115-300 | |
| S1SC2005120-108 | S1SC2005120-200 | S1SC2005120-207 | S1SC2005120-300 | |
| S1SC2005125-108 | S1SC2005125-200 | S1SC2005125-207 | S1SC2005125-300 | |

***Nominal RPM**

- All reducers are AGMA Class II selection or better
- Motors are Premium Efficient Invertor Duty
- Heavy Duty D-V Wedge Belts (2 Groove Min)
- Belt guard, motor mount, screw conveyor adapter, and drive shaft included

Units are fully assembled with belts loosely tensioned, belts must be properly tensioned at installation
 Units are shipped without oil

| 7.5 HP | | | | |
|--------|-----------|------------|----------|-----|
| RPM* | REDUCER | List Price | Disc Sym | WT |
| 25 | TA4207H40 | \$7,717 | SY20 | 645 |
| 30 | TA4207H40 | \$7,717 | SY20 | 637 |
| 35 | TA4207H40 | \$7,717 | SY20 | 635 |
| 40 | TA3203H32 | \$6,544 | SY20 | 540 |
| 45 | TA3203H32 | \$6,544 | SY20 | 539 |
| 50 | TA3203H32 | \$6,544 | SY20 | 537 |
| 55 | TA3203H25 | \$6,544 | SY20 | 540 |
| 60 | TA2115H25 | \$5,877 | SY20 | 446 |
| 65 | TA2115H25 | \$5,877 | SY20 | 449 |
| 70 | TA2115H25 | \$5,877 | SY20 | 443 |
| 75 | TA2115H15 | \$5,877 | SY20 | 440 |
| 80 | TA2115H15 | \$5,877 | SY20 | 440 |
| 85 | TA2115H15 | \$5,877 | SY20 | 443 |
| 90 | TA2115H15 | \$5,877 | SY20 | 442 |
| 95 | TA2115H15 | \$5,877 | SY20 | 443 |
| 100 | TA2115H15 | \$5,877 | SY20 | 441 |
| 105 | TA1107H15 | \$5,013 | SY20 | 366 |
| 110 | TA1107H15 | \$5,013 | SY20 | 370 |
| 115 | TA1107H15 | \$5,013 | SY20 | 364 |
| 120 | TA1107H09 | \$5,013 | SY20 | 365 |
| 125 | TA1107H09 | \$5,013 | SY20 | 370 |

| Drive Shaft Dia. | | | | |
|------------------|-----------------|-----------------|-----------------|-----------------|
| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
| | S1SC2007025-200 | S1SC2007025-207 | S1SC2007025-300 | S1SC2007025-307 |
| | S1SC2007030-200 | S1SC2007030-207 | S1SC2007030-300 | S1SC2007030-307 |
| | S1SC2007035-200 | S1SC2007035-207 | S1SC2007035-300 | S1SC2007035-307 |
| S1SC2007040-108 | S1SC2007040-200 | S1SC2007040-207 | S1SC2007040-300 | S1SC2007040-307 |
| S1SC2007045-108 | S1SC2007045-200 | S1SC2007045-207 | S1SC2007045-300 | S1SC2007045-307 |
| S1SC2007050-108 | S1SC2007050-200 | S1SC2007050-207 | S1SC2007050-300 | S1SC2007050-307 |
| S1SC2007055-108 | S1SC2007055-200 | S1SC2007055-207 | S1SC2007055-300 | S1SC2007055-307 |
| S1SC2007060-108 | S1SC2007060-200 | S1SC2007060-207 | S1SC2007060-300 | |
| S1SC2007065-108 | S1SC2007065-200 | S1SC2007065-207 | S1SC2007065-300 | |
| S1SC2007070-108 | S1SC2007070-200 | S1SC2007070-207 | S1SC2007070-300 | |
| S1SC2007075-108 | S1SC2007075-200 | S1SC2007075-207 | S1SC2007075-300 | |
| S1SC2007080-108 | S1SC2007080-200 | S1SC2007080-207 | S1SC2007080-300 | |
| S1SC2007085-108 | S1SC2007085-200 | S1SC2007085-207 | S1SC2007085-300 | |
| S1SC2007090-108 | S1SC2007090-200 | S1SC2007090-207 | S1SC2007090-300 | |
| S1SC2007095-108 | S1SC2007095-200 | S1SC2007095-207 | S1SC2007095-300 | |
| S1SC2007100-108 | S1SC2007100-200 | S1SC2007100-207 | S1SC2007100-300 | |
| S1SC2007105-108 | S1SC2007105-200 | S1SC2007105-207 | S1SC2007105-300 | |
| S1SC2007110-108 | S1SC2007110-200 | S1SC2007110-207 | S1SC2007110-300 | |
| S1SC2007115-108 | S1SC2007115-200 | S1SC2007115-207 | S1SC2007115-300 | |
| S1SC2007120-108 | S1SC2007120-200 | S1SC2007120-207 | S1SC2007120-300 | |
| S1SC2007125-108 | S1SC2007125-200 | S1SC2007125-207 | S1SC2007125-300 | |

| 10 HP | | | | |
|-------|-----------|------------|----------|-----|
| RPM* | REDUCER | List Price | Disc Sym | WT |
| 25 | TA5215H40 | \$9,765 | SY20 | 840 |
| 30 | TA4207H40 | \$7,896 | SY20 | 660 |
| 35 | TA4207H40 | \$7,896 | SY20 | 654 |
| 40 | TA4207H40 | \$7,896 | SY20 | 651 |
| 45 | TA4207H40 | \$7,896 | SY20 | 652 |
| 50 | TA3203H32 | \$6,746 | SY20 | 560 |
| 55 | TA3203H25 | \$6,746 | SY20 | 563 |
| 60 | TA3203H25 | \$6,746 | SY20 | 557 |
| 65 | TA3203H25 | \$6,746 | SY20 | 560 |
| 70 | TA3203H25 | \$6,746 | SY20 | 555 |
| 75 | TA3203H15 | \$6,746 | SY20 | 581 |
| 80 | TA3203H15 | \$6,746 | SY20 | 562 |
| 85 | TA2115H15 | \$6,078 | SY20 | 474 |
| 90 | TA2115H15 | \$6,078 | SY20 | 466 |
| 95 | TA2115H15 | \$6,078 | SY20 | 462 |
| 100 | TA2115H15 | \$6,078 | SY20 | 461 |
| 105 | TA2115H15 | \$6,078 | SY20 | 464 |
| 110 | TA2115H15 | \$6,078 | SY20 | 462 |
| 115 | TA2115H15 | \$6,078 | SY20 | 461 |
| 120 | TA2115H09 | \$6,078 | SY20 | 469 |
| 125 | TA2115H09 | \$6,078 | SY20 | 477 |

| Drive Shaft Dia. | | | | |
|------------------|-----------------|-----------------|-----------------|-----------------|
| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
| | S1SC2010025-200 | S1SC2010025-207 | S1SC2010025-300 | S1SC2010025-307 |
| | S1SC2010030-200 | S1SC2010030-207 | S1SC2010030-300 | S1SC2010030-307 |
| | S1SC2010035-200 | S1SC2010035-207 | S1SC2010035-300 | S1SC2010035-307 |
| | S1SC2010040-200 | S1SC2010040-207 | S1SC2010040-300 | S1SC2010040-307 |
| | S1SC2010045-200 | S1SC2010045-207 | S1SC2010045-300 | S1SC2010045-307 |
| S1SC2010050-108 | S1SC2010050-200 | S1SC2010050-207 | S1SC2010050-300 | S1SC2010050-307 |
| S1SC2010055-108 | S1SC2010055-200 | S1SC2010055-207 | S1SC2010055-300 | S1SC2010055-307 |
| S1SC2010060-108 | S1SC2010060-200 | S1SC2010060-207 | S1SC2010060-300 | S1SC2010060-307 |
| S1SC2010065-108 | S1SC2010065-200 | S1SC2010065-207 | S1SC2010065-300 | S1SC2010065-307 |
| S1SC2010070-108 | S1SC2010070-200 | S1SC2010070-207 | S1SC2010070-300 | S1SC2010070-307 |
| S1SC2010075-108 | S1SC2010075-200 | S1SC2010075-207 | S1SC2010075-300 | S1SC2010075-307 |
| S1SC2010080-108 | S1SC2010080-200 | S1SC2010080-207 | S1SC2010080-300 | S1SC2010080-307 |
| S1SC2010085-108 | S1SC2010085-200 | S1SC2010085-207 | S1SC2010085-300 | |
| S1SC2010090-108 | S1SC2010090-200 | S1SC2010090-207 | S1SC2010090-300 | |
| S1SC2010095-108 | S1SC2010095-200 | S1SC2010095-207 | S1SC2010095-300 | |
| S1SC2010100-108 | S1SC2010100-200 | S1SC2010100-207 | S1SC2010100-300 | |
| S1SC2010105-108 | S1SC2010105-200 | S1SC2010105-207 | S1SC2010105-300 | |
| S1SC2010110-108 | S1SC2010110-200 | S1SC2010110-207 | S1SC2010110-300 | |
| S1SC2010115-108 | S1SC2010115-200 | S1SC2010115-207 | S1SC2010115-300 | |
| S1SC2010120-108 | S1SC2010120-200 | S1SC2010120-207 | S1SC2010120-300 | |
| S1SC2010125-108 | S1SC2010125-200 | S1SC2010125-207 | S1SC2010125-300 | |

***Nominal RPM**

- All reducers are AGMA Class II selection or better
- Motors are Premium Efficient Invertor Duty
- Heavy Duty D-V Wedge Belts (2 Groove Min)
- Belt guard, motor mount, screw conveyor adapter, and drive shaft included

Units are fully assembled with belts loosely tensioned, belts must be properly tensioned at installation
Units are shipped without oil

15 HP

| RPM* | REDUCER | List Price | Disc Sym | WT |
|------|-----------|------------|----------|------|
| 25 | TA6307H40 | \$13,224 | SY20 | 1029 |
| 30 | TA5215H40 | \$10,312 | SY20 | 898 |
| 35 | TA5215H40 | \$10,312 | SY20 | 896 |
| 40 | TA5215H40 | \$10,312 | SY20 | 885 |
| 45 | TA5215H40 | \$10,312 | SY20 | 887 |
| 50 | TA4207H40 | \$8,240 | SY20 | 722 |
| 55 | TA4207H25 | \$8,240 | SY20 | 721 |
| 60 | TA4207H25 | \$8,240 | SY20 | 728 |
| 65 | TA4207H25 | \$8,240 | SY20 | 726 |
| 70 | TA4207H25 | \$8,240 | SY20 | 722 |
| 75 | TA4207H15 | \$8,240 | SY20 | 745 |
| 80 | TA3203H15 | \$7,076 | SY20 | 631 |
| 85 | TA3203H15 | \$7,076 | SY20 | 631 |
| 90 | TA3203H15 | \$7,076 | SY20 | 632 |
| 95 | TA3203H15 | \$7,076 | SY20 | 633 |
| 100 | TA3203H15 | \$7,076 | SY20 | 631 |
| 105 | TA3203H15 | \$7,076 | SY20 | 624 |
| 110 | TA3203H15 | \$7,076 | SY20 | 623 |
| 115 | TA3203H15 | \$7,076 | SY20 | 622 |
| 120 | TA3203H15 | \$7,076 | SY20 | 660 |
| 125 | TA3203H09 | \$7,076 | SY20 | 642 |

Drive Shaft Dia.

| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" | |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | S1SC2015025-200 | S1SC2015025-207 | S1SC2015025-300 | S1SC2015025-307 | |
| | S1SC2015030-200 | S1SC2015030-207 | S1SC2015030-300 | S1SC2015030-307 | |
| | S1SC2015035-200 | S1SC2015035-207 | S1SC2015035-300 | S1SC2015035-307 | |
| | S1SC2015040-200 | S1SC2015040-207 | S1SC2015040-300 | S1SC2015040-307 | |
| | S1SC2015045-200 | S1SC2015045-207 | S1SC2015045-300 | S1SC2015045-307 | |
| | S1SC2015050-200 | S1SC2015050-207 | S1SC2015050-300 | S1SC2015050-307 | |
| | S1SC2015055-200 | S1SC2015055-207 | S1SC2015055-300 | S1SC2015055-307 | |
| | S1SC2015060-200 | S1SC2015060-207 | S1SC2015060-300 | S1SC2015060-307 | |
| | S1SC2015065-200 | S1SC2015065-207 | S1SC2015065-300 | S1SC2015065-307 | |
| | S1SC2015070-200 | S1SC2015070-207 | S1SC2015070-300 | S1SC2015070-307 | |
| | S1SC2015075-200 | S1SC2015075-207 | S1SC2015075-300 | S1SC2015075-307 | |
| | S1SC2015080-108 | S1SC2015080-200 | S1SC2015080-207 | S1SC2015080-300 | S1SC2015080-307 |
| | S1SC2015085-108 | S1SC2015085-200 | S1SC2015085-207 | S1SC2015085-300 | S1SC2015085-307 |
| | S1SC2015090-108 | S1SC2015090-200 | S1SC2015090-207 | S1SC2015090-300 | S1SC2015090-307 |
| | S1SC2015095-108 | S1SC2015095-200 | S1SC2015095-207 | S1SC2015095-300 | S1SC2015095-307 |
| | S1SC2015100-108 | S1SC2015100-200 | S1SC2015100-207 | S1SC2015100-300 | S1SC2015100-307 |
| | S1SC2015105-108 | S1SC2015105-200 | S1SC2015105-207 | S1SC2015105-300 | S1SC2015105-307 |
| | S1SC2015110-108 | S1SC2015110-200 | S1SC2015110-207 | S1SC2015110-300 | S1SC2015110-307 |
| | S1SC2015115-108 | S1SC2015115-200 | S1SC2015115-207 | S1SC2015115-300 | S1SC2015115-307 |
| | S1SC2015120-108 | S1SC2015120-200 | S1SC2015120-207 | S1SC2015120-300 | S1SC2015120-307 |
| | S1SC2015125-108 | S1SC2015125-200 | S1SC2015125-207 | S1SC2015125-300 | S1SC2015125-307 |

20 HP

| RPM* | REDUCER | List Price | Disc Sym | WT |
|------|-----------|------------|----------|------|
| 25 | TA7315H40 | \$18,127 | SY20 | 1305 |
| 30 | TA6307H40 | \$13,640 | SY20 | 1075 |
| 35 | TA6307H41 | \$13,640 | SY20 | 1080 |
| 40 | TA5215H40 | \$10,739 | SY20 | 946 |
| 45 | TA5215H40 | \$10,739 | SY20 | 942 |
| 50 | TA5215H40 | \$10,739 | SY20 | 937 |
| 55 | TA5215H25 | \$10,739 | SY20 | 939 |
| 60 | TA5215H25 | \$10,739 | SY20 | 940 |
| 65 | TA5215H25 | \$10,739 | SY20 | 948 |
| 70 | TA4207H25 | \$8,686 | SY20 | 755 |
| 75 | TA4207H15 | \$8,686 | SY20 | 776 |
| 80 | TA4207H15 | \$8,686 | SY20 | 765 |
| 85 | TA4207H15 | \$8,686 | SY20 | 766 |
| 90 | TA4207H15 | \$8,686 | SY20 | 767 |
| 95 | TA4207H15 | \$8,686 | SY20 | 776 |
| 100 | TA4207H15 | \$8,686 | SY20 | 773 |
| 105 | TA4207H15 | \$8,686 | SY20 | 759 |
| 110 | TA4207H15 | \$8,686 | SY20 | 770 |
| 115 | TA3203H15 | \$7,571 | SY20 | 657 |
| 120 | TA3203H15 | \$7,571 | SY20 | 691 |
| 125 | TA3203H09 | \$7,571 | SY20 | 677 |

Drive Shaft Dia.

| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" | |
|--------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | S1SC2020025-200 | S1SC2020025-207 | S1SC2020025-300 | S1SC2020025-307 | |
| | S1SC2020030-200 | S1SC2020030-207 | S1SC2020030-300 | S1SC2020030-307 | |
| | S1SC2020035-200 | S1SC2020035-207 | S1SC2020035-300 | S1SC2020035-307 | |
| | S1SC2020040-200 | S1SC2020040-207 | S1SC2020040-300 | S1SC2020040-307 | |
| | S1SC2020045-200 | S1SC2020045-207 | S1SC2020045-300 | S1SC2020045-307 | |
| | S1SC2020050-200 | S1SC2020050-207 | S1SC2020050-300 | S1SC2020050-307 | |
| | S1SC2020055-200 | S1SC2020055-207 | S1SC2020055-300 | S1SC2020055-307 | |
| | S1SC2020060-200 | S1SC2020060-207 | S1SC2020060-300 | S1SC2020060-307 | |
| | S1SC2020065-200 | S1SC2020065-207 | S1SC2020065-300 | S1SC2020065-307 | |
| | S1SC2020070-200 | S1SC2020070-207 | S1SC2020070-300 | S1SC2020070-307 | |
| | S1SC2020075-200 | S1SC2020075-207 | S1SC2020075-300 | S1SC2020075-307 | |
| | S1SC2020080-200 | S1SC2020080-207 | S1SC2020080-300 | S1SC2020080-307 | |
| | S1SC2020085-200 | S1SC2020085-207 | S1SC2020085-300 | S1SC2020085-307 | |
| | S1SC2020090-200 | S1SC2020090-207 | S1SC2020090-300 | S1SC2020090-307 | |
| | S1SC2020095-200 | S1SC2020095-207 | S1SC2020095-300 | S1SC2020095-307 | |
| | S1SC2020100-200 | S1SC2020100-207 | S1SC2020100-300 | S1SC2020100-307 | |
| | S1SC2020105-200 | S1SC2020105-207 | S1SC2020105-300 | S1SC2020105-307 | |
| | S1SC2020110-200 | S1SC2020110-207 | S1SC2020110-300 | S1SC2020110-307 | |
| | S1SC2020115-108 | S1SC2020115-200 | S1SC2020115-207 | S1SC2020115-300 | S1SC2020115-307 |
| | S1SC2020120-108 | S1SC2020120-200 | S1SC2020120-207 | S1SC2020120-300 | S1SC2020120-307 |
| | S1SC2020125-108 | S1SC2020125-200 | S1SC2020125-207 | S1SC2020125-300 | S1SC2020125-307 |

*Nominal RPM

All reducers are AGMA Class II selection or better
 Motors are Premium Efficient Invertor Duty
 Heavy Duty D-V Wedge Belts (2 Groove Min)
 Belt guard, motor mount, screw conveyor adapter, and drive shaft included

Units are fully assembled with belts loosely tensioned, belts must be properly tensioned at installation
 Units are shipped without oil

System-1 Pre-Engineered Screw Conveyor Drive Packages



25 HP

| RPM* | REDUCER | List Price | Disc Sym | WT |
|------|-----------|------------|----------|------|
| 25 | TA7315H40 | \$18,875 | SY20 | 1472 |
| 30 | TA7315H40 | \$18,875 | SY20 | 1454 |
| 35 | TA6307H40 | \$14,356 | SY20 | 1231 |
| 40 | TA6307H40 | \$14,356 | SY20 | 1234 |
| 45 | TA6307H40 | \$14,356 | SY20 | 1227 |
| 50 | TA5215H40 | \$11,531 | SY20 | 1091 |
| 55 | TA5215H25 | \$11,531 | SY20 | 1103 |
| 60 | TA5215H25 | \$11,531 | SY20 | 1106 |
| 65 | TA5215H25 | \$11,531 | SY20 | 1098 |
| 70 | TA5215H25 | \$11,531 | SY20 | 1099 |
| 75 | TA5215H15 | \$11,531 | SY20 | 1125 |
| 80 | TA5215H15 | \$11,531 | SY20 | 1114 |
| 85 | TA5215H15 | \$11,531 | SY20 | 1114 |
| 90 | TA4207H15 | \$9,393 | SY20 | 931 |
| 95 | TA4207H15 | \$9,393 | SY20 | 940 |
| 100 | TA4207H15 | \$9,393 | SY20 | 941 |

Drive Shaft Dia.

| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
|--------|-----------------|-----------------|-----------------|-----------------|
| | S1SC2025025-200 | S1SC2025025-207 | S1SC2025025-300 | S1SC2025025-307 |
| | S1SC2025030-200 | S1SC2025030-207 | S1SC2025030-300 | S1SC2025030-307 |
| | S1SC2025035-200 | S1SC2025035-207 | S1SC2025035-300 | S1SC2025035-307 |
| | S1SC2025040-200 | S1SC2025040-207 | S1SC2025040-300 | S1SC2025040-307 |
| | S1SC2025045-200 | S1SC2025045-207 | S1SC2025045-300 | S1SC2025045-307 |
| | S1SC2025050-200 | S1SC2025050-207 | S1SC2025050-300 | S1SC2025050-307 |
| | S1SC2025055-200 | S1SC2025055-207 | S1SC2025055-300 | S1SC2025055-307 |
| | S1SC2025060-200 | S1SC2025060-207 | S1SC2025060-300 | S1SC2025060-307 |
| | S1SC2025065-200 | S1SC2025065-207 | S1SC2025065-300 | S1SC2025065-307 |
| | S1SC2025070-200 | S1SC2025070-207 | S1SC2025070-300 | S1SC2025070-307 |
| | S1SC2025075-200 | S1SC2025075-207 | S1SC2025075-300 | S1SC2025075-307 |
| | S1SC2025080-200 | S1SC2025080-207 | S1SC2025080-300 | S1SC2025080-307 |
| | S1SC2025085-200 | S1SC2025085-207 | S1SC2025085-300 | S1SC2025085-307 |
| | S1SC2025090-200 | S1SC2025090-207 | S1SC2025090-300 | S1SC2025090-307 |
| | S1SC2025095-200 | S1SC2025095-207 | S1SC2025095-300 | S1SC2025095-307 |
| | S1SC2025100-200 | S1SC2025100-207 | S1SC2025100-300 | S1SC2025100-307 |

30 HP

| RPM* | REDUCER | List Price | Disc Sym | WT |
|------|-----------|------------|----------|------|
| 30 | TA7315H40 | \$19,412 | SY20 | 1457 |
| 35 | TA7315H40 | \$19,412 | SY20 | 1459 |
| 40 | TA7315H40 | \$19,412 | SY20 | 1460 |
| 45 | TA6307H40 | \$14,949 | SY20 | 1241 |
| 50 | TA6307H40 | \$14,949 | SY20 | 1224 |
| 55 | TA6307H25 | \$14,949 | SY20 | 1244 |
| 60 | TA5215H25 | \$12,118 | SY20 | 1109 |
| 65 | TA5215H25 | \$12,118 | SY20 | 1101 |
| 70 | TA5215H25 | \$12,118 | SY20 | 1113 |
| 75 | TA5215H15 | \$12,118 | SY20 | 1126 |
| 80 | TA5215H15 | \$12,118 | SY20 | 1124 |
| 85 | TA5215H15 | \$12,118 | SY20 | 1121 |
| 90 | TA5215H15 | \$12,118 | SY20 | 1117 |
| 95 | TA5215H15 | \$12,118 | SY20 | 1106 |
| 100 | TA5215H15 | \$12,118 | SY20 | 1143 |

Drive Shaft Dia.

| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
|--------|-----------------|-----------------|-----------------|-----------------|
| | S1SC2030030-200 | S1SC2030030-207 | S1SC2030030-300 | S1SC2030030-307 |
| | S1SC2030035-200 | S1SC2030035-207 | S1SC2030035-300 | S1SC2030035-307 |
| | S1SC2030040-200 | S1SC2030040-207 | S1SC2030040-300 | S1SC2030040-307 |
| | S1SC2030045-200 | S1SC2030045-207 | S1SC2030045-300 | S1SC2030045-307 |
| | S1SC2030050-200 | S1SC2030050-207 | S1SC2030050-300 | S1SC2030050-307 |
| | S1SC2030055-200 | S1SC2030055-207 | S1SC2030055-300 | S1SC2030055-307 |
| | S1SC2030060-200 | S1SC2030060-207 | S1SC2030060-300 | S1SC2030060-307 |
| | S1SC2030065-200 | S1SC2030065-207 | S1SC2030065-300 | S1SC2030065-307 |
| | S1SC2030070-200 | S1SC2030070-207 | S1SC2030070-300 | S1SC2030070-307 |
| | S1SC2030075-200 | S1SC2030075-207 | S1SC2030075-300 | S1SC2030075-307 |
| | S1SC2030080-200 | S1SC2030080-207 | S1SC2030080-300 | S1SC2030080-307 |
| | S1SC2030085-200 | S1SC2030085-207 | S1SC2030085-300 | S1SC2030085-307 |
| | S1SC2030090-200 | S1SC2030090-207 | S1SC2030090-300 | S1SC2030090-307 |
| | S1SC2030095-200 | S1SC2030095-207 | S1SC2030095-300 | S1SC2030095-307 |
| | S1SC2030100-200 | S1SC2030100-207 | S1SC2030100-300 | S1SC2030100-307 |

40 HP

| RPM* | REDUCER | List Price | Disc Sym | WT |
|------|-----------|------------|----------|------|
| 40 | TA7315H40 | \$20,568 | SY20 | 1608 |
| 45 | TA7315H40 | \$20,568 | SY20 | 1603 |
| 50 | TA7315H40 | \$20,568 | SY20 | 1605 |
| 55 | TA7315H25 | \$20,568 | SY20 | 1719 |
| 60 | TA6307H25 | \$16,170 | SY20 | 1410 |
| 65 | TA6307H25 | \$16,170 | SY20 | 1415 |
| 70 | TA6307H25 | \$16,170 | SY20 | 1395 |
| 75 | TA6307H15 | \$16,170 | SY20 | 1410 |
| 80 | TA5215H15 | \$13,282 | SY20 | 1260 |
| 85 | TA5215H15 | \$13,282 | SY20 | 1261 |
| 90 | TA5215H15 | \$13,282 | SY20 | 1259 |
| 95 | TA5215H15 | \$13,282 | SY20 | 1255 |
| 100 | TA5215H15 | \$13,282 | SY20 | 1278 |

Drive Shaft Dia.

| 1-1/2" | 2" | 2-7/16" | 3" | 3-7/16" |
|--------|-----------------|-----------------|-----------------|-----------------|
| | S1SC2040040-200 | S1SC2040040-207 | S1SC2040040-300 | S1SC2040040-307 |
| | S1SC2040045-200 | S1SC2040045-207 | S1SC2040045-300 | S1SC2040045-307 |
| | S1SC2040050-200 | S1SC2040050-207 | S1SC2040050-300 | S1SC2040050-307 |
| | S1SC2040055-200 | S1SC2040055-207 | S1SC2040055-300 | S1SC2040055-307 |
| | S1SC2040060-200 | S1SC2040060-207 | S1SC2040060-300 | S1SC2040060-307 |
| | S1SC2040065-200 | S1SC2040065-207 | S1SC2040065-300 | S1SC2040065-307 |
| | S1SC2040070-200 | S1SC2040070-207 | S1SC2040070-300 | S1SC2040070-307 |
| | S1SC2040075-200 | S1SC2040075-207 | S1SC2040075-300 | S1SC2040075-307 |
| | S1SC2040080-200 | S1SC2040080-207 | S1SC2040080-300 | S1SC2040080-307 |
| | S1SC2040085-200 | S1SC2040085-207 | S1SC2040085-300 | S1SC2040085-307 |
| | S1SC2040090-200 | S1SC2040090-207 | S1SC2040090-300 | S1SC2040090-307 |
| | S1SC2040095-200 | S1SC2040095-207 | S1SC2040095-300 | S1SC2040095-307 |
| | S1SC2040100-200 | S1SC2040100-207 | S1SC2040100-300 | S1SC2040100-307 |

*Nominal RPM

All reducers are AGMA Class II selection or better
 Motors are Premium Efficient Invertor Duty
 Heavy Duty D-V Wedge Belts (2 Groove Min)
 Belt guard, motor mount, screw conveyor adapter, and drive shaft included

Units are fully assembled with belts loosely tensioned, belts must be properly tensioned at installation
 Units are shipped without oil

One System. One Source. One Solution.



"Because of the number of conveyor belts for this project, we were very happy to get the support from the System-1 group," says Childs. "It was very helpful to have the products delivered preassembled so we could just bolt equipment onto the conveyor and be ready to go. This saved us valuable time and energy, especially on a project of this size."

Tom Childs, Project Manager, Goodfellow Crushers



"If we need components in a specific order, we tell them, and they work with us," says Hartlage. "We have no hesitation going after these large projects because the System-1 team understands what's expected, and they work to meet our need. It's a relationship that has worked for a lot of years."

Craig Hartlage, Project Manager, Process Machinery



"Everyone I worked with from Baldor knew what they were doing in this industry, and they understood what I needed," comments Frei. "They looked over all the drawings and specifications, making sure I was doing everything I needed to do. It was very comforting getting this kind of help from experts who work in this field every day."

Albert Frei, Jr., President, Albert Frei & Sons



"I don't have the same level of knowledge on couplings, sheaves and guards," says Daniel. "I simply let the System-1 team handle all of those details, and when the equipment shows up at our shop in a complete package, my shop manager doesn't have to worry about it either."

David Daniel, Chief Engineer, Overland Conveying Systems

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