



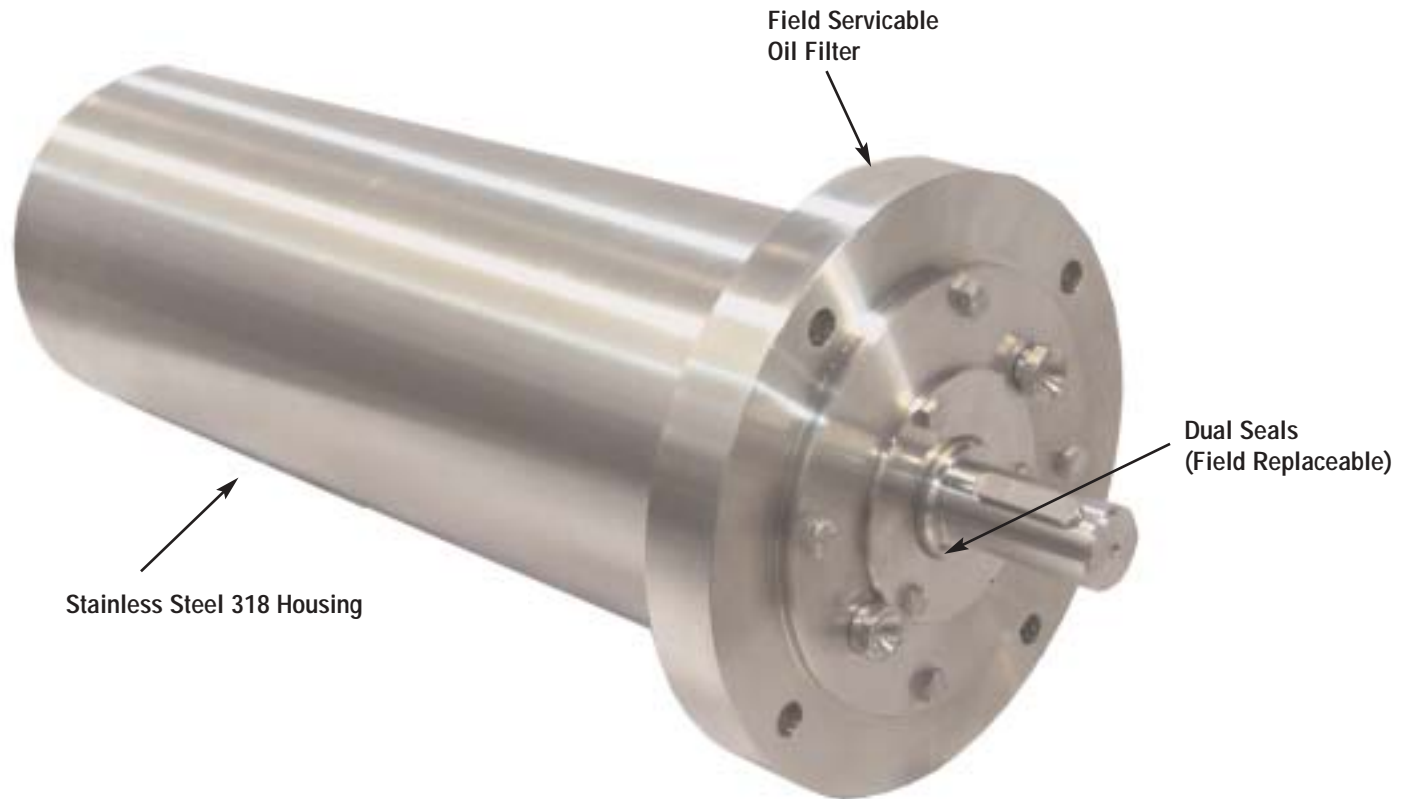
## ▶ *Stealth*<sup>®</sup> GM Washdown Gearmotors Series: An Integrated Step Forward

### Features:

- ▶ Teflon Seals for above foodline application
- ▶ IP67 Rated
- ▶ Stainless housing for corrosion resistance
- ▶ Dual Teflon seals for above the foodline water tight environment
- ▶ Water tight Conduit Fittings
- ▶ Ease of wirings via internal terminal blocks
- ▶ (160, 300) winding
- ▶ 2000 line PPR encoders or resolvers standard
- ▶ Stegman encoder option

### Benefits:

- ▶ Non corrosive housing provides extremely long life
- ▶ Field serviceable seals for easy maintainability
- ▶ Multiple ratios available
- ▶ True washdown



Available from Cross Automation - 800.866.4568

[www.baysidemotion.com](http://www.baysidemotion.com)

**BAYSIDE**<sup>®</sup>  
**Motion Group**  
PRECISION IN MOTION



# Stealth<sup>®</sup> GM Washdown Gearmotor Series: An Integrated step Foward

## Stainless Steel GM 90

| Frame Size | Ratio | Max. Speed | Cont. Stall Torque |         | Peak Torque |          | Winding C:160 Vdc<br>D:300 Vdc | Voltage     | Torque Constant |             | Induct L | Cold Resistant R | Cont. Current IC | Peak Current IP | Inertia  |        |
|------------|-------|------------|--------------------|---------|-------------|----------|--------------------------------|-------------|-----------------|-------------|----------|------------------|------------------|-----------------|----------|--------|
|            |       | (RPM)      | (NM)               | (IN LB) | (NM)        | (IN LB)  |                                | Constant KE | (NM/AMP)        | (IN LB/AMP) |          |                  |                  |                 | (V/KRPM) | (OHMS) |
| SSGM090    | 5:1   | 900        | 6.98               | 61.75   | 20.93       | 185.25   | C                              | 170.5       | 1.63            | 14.39       | 4.6      | 2.6              | 4.69             | 14.07           | 0.4680   | 0.0070 |
| SSGM090    | 5:1   | 870        | 6.98               | 61.75   | 20.93       | 185.25   | D                              | 342         | 3.26            | 28.86       | 18.3     | 10.2             | 2.34             | 7.02            | 0.4680   | 0.0070 |
| SSGM090    | 5:1   | 720        | 11.30              | 99.98   | 33.98       | 299.934  | C                              | 222.5       | 2.12            | 18.77       | 3.9      | 1.6              | 5.75             | 17.25           | 0.6084   | 0.0091 |
| SSGM090    | 5:1   | 700        | 11.30              | 99.98   | 33.98       | 299.934  | D                              | 427.5       | 4.08            | 36.07       | 14.3     | 6.3              | 2.99             | 8.97            | 0.6084   | 0.0091 |
| SSGM090    | 7:1   | 670        | 9.77               | 86.45   | 29.31       | 259.35   | C                              | 238.7       | 2.28            | 20.14       | 4.5      | 2.5              | 4.69             | 14.07           | 0.2980   | 0.0040 |
| SSGM090    | 7:1   | 620        | 9.77               | 86.45   | 29.31       | 259.35   | D                              | 478.8       | 4.56            | 40.40       | 18.1     | 10.1             | 2.34             | 7.02            | 0.2980   | 0.0040 |
| SSGM090    | 7:1   | 500        | 15.82              | 139.97  | 47.45       | 419.9076 | C                              | 311.5       | 2.97            | 26.28       | 3.9      | 1.6              | 5.75             | 17.25           | 0.3874   | 0.0052 |
| SSGM090    | 7:1   | 500        | 15.82              | 139.97  | 47.45       | 419.9076 | D                              | 598.5       | 5.71            | 50.50       | 14.3     | 6.3              | 1.99             | 8.97            | 0.3874   | 0.0052 |
| SSGM090    | 10:1  | 450        | 13.95              | 123.50  | 41.86       | 370.5    | C                              | 341         | 3.25            | 28.77       | 4.5      | 2.5              | 4.69             | 14.07           | 0.2980   | 0.0040 |
| SSGM090    | 10:1  | 430        | 13.95              | 123.50  | 41.86       | 370.5    | D                              | 684         | 6.52            | 57.71       | 18.1     | 10.1             | 2.34             | 7.02            | 0.2980   | 0.0040 |
| SSGM090    | 10:1  | 360        | 22.59              | 199.96  | 67.78       | 599.868  | C                              | 445         | 4.24            | 37.55       | 3.9      | 1.6              | 5.75             | 17.25           | 0.3874   | 0.0052 |
| SSGM090    | 10:1  | 350        | 22.59              | 199.96  | 67.78       | 599.868  | D                              | 855         | 8.15            | 72.14       | 14.3     | 6.3              | 1.99             | 8.97            | 0.3874   | 0.0052 |

Ratios up to 100:1 are available

\* Data is preliminary and subject to change