

CG Series Pump Impeller Shaft Service Parts List

Index:

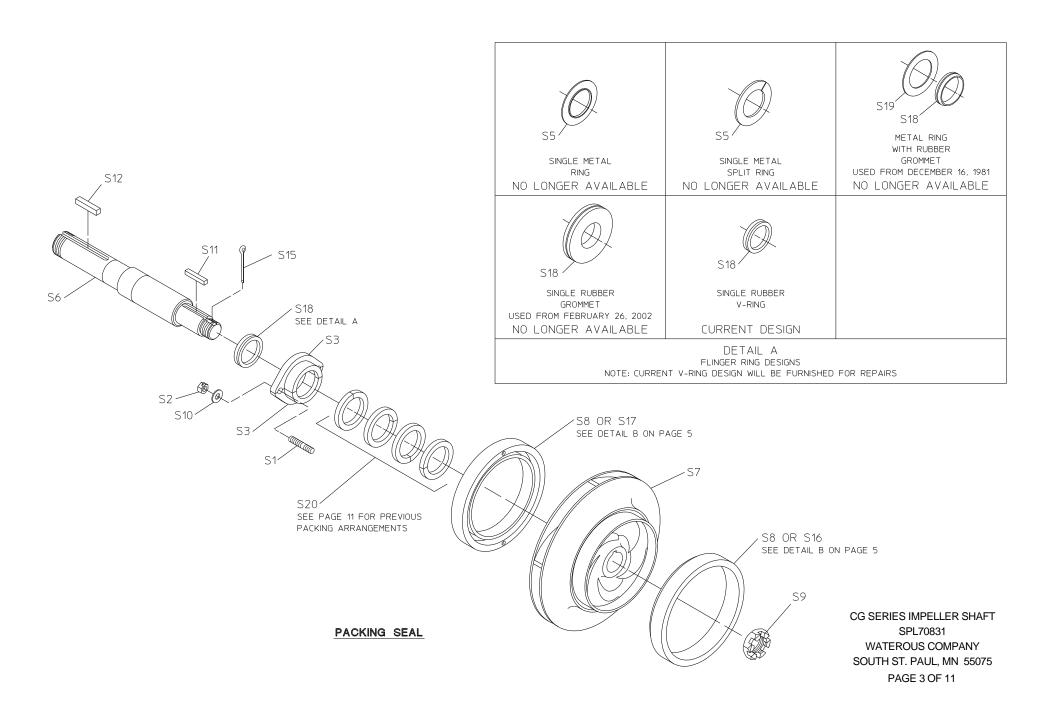
| | Pump Model (Located on Pump Serial Plate) | Transmission Model (Located on Pump Serial Plate) | | | | | | | | See Pages | | | | | | |
|----------------------------------|--|--|--------------------------------------|--------------------------------------|-------------|-------------|---------------|-------------|-------------|-----------------|---|------------------|---------------------------|------------------|---------------------------|--------------|
| | | | | | | | | | | Seal Type | | | | | | |
| Pump Type | | | | | | | | | | | | Packing | | Mechanical Seal | | Packing |
| | | C10 Series | C20 Series | C22 Series | F Series | K Series | M Series | P Series | T Series | W Series | Y Series | Exploded View | Cross- Section View | Exploded View | Cross- Section View | Arrangements |
| Single Stage | CGN, CGR, CGV, CGVN, CGVR, CGG, CGVG | C10B C10C C10D C10E C10F | C20B C20C C20D C20E C20F | C22B C22C C22D C22E C22F | F | K KC | M MB MC | PA | т | WB WBX WK | YB, YBX YC, YCX YD, YDX YE, YEX YF, YFX | 2, 3 | 4, 5 | 6, 7 | 8, 9 | 10, 11 |
| Two Stage Combination Pump | CGG/CPK-1 | - | - | - | - | - | - | - | - | WB WBX | - | - | - | 6, 7 | - | - |

Note: When ordering repair parts provide Pump Serial Number

Packing Seal (Exploded View)

| REF. NO. | DESCRIPTION | | |
|-------------|--|--|--|
| S1 | Packing gland stud | | |
| S2 | Unbalanced nut | | |
| S3 | Packing gland half | | |
| S5 | Flinger ring | | |
| S6 | Impeller shaft | | |
| S7 | Impeller | | |
| S8 | Wear ring, plain hubs (std., 0.025. 0.050 and 0.075 in. U/S) | | |
| S9 | Lock nut, 1"-14 | | |
| S10 | Plain brass washer, 5/16 in. | | |

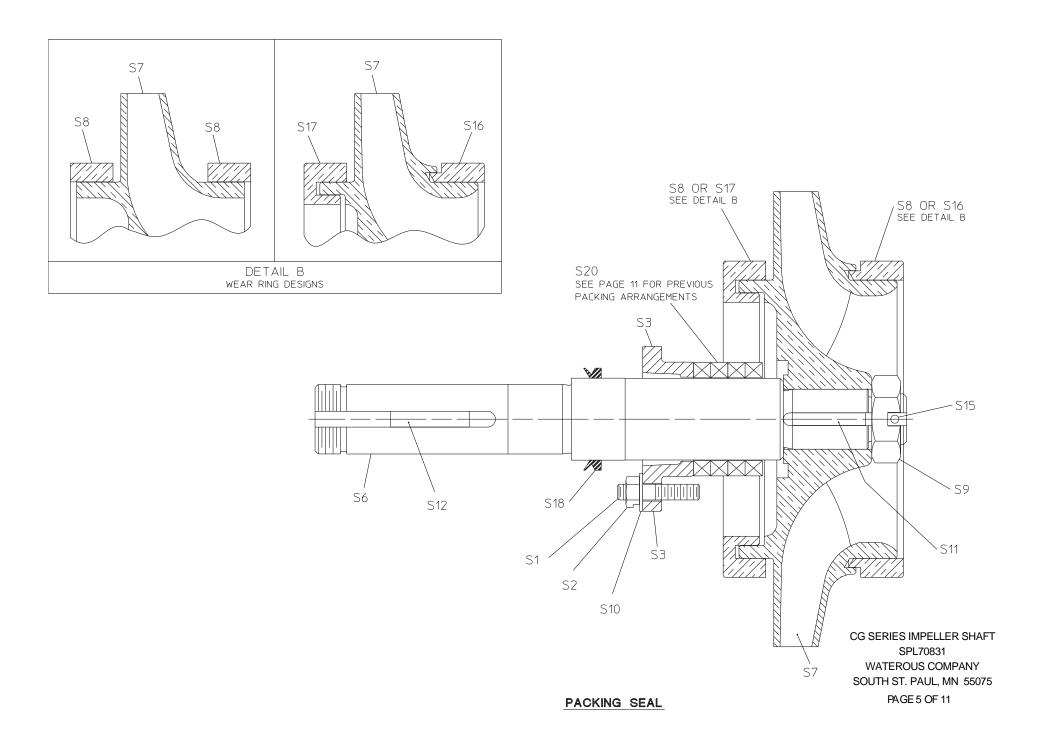
| REF. NO. | DESCRIPTION |
|-------------|--|
| S11 | Square key, SS or Monel, 1/4 x 1-7/16 in. |
| S12 | Square key, 5/16 x 1-9/16 in., or 5/16 x 1-5/16 in. |
| S15 | Cotter pin Monel shaft - 3/16 x 1-1/4 in. SS shaft - 1/8 x 1-3/4 in. |
| S16 | Wear ring, labyrinth hubs (std., 0.025. 0.050 and 0.075 in. U/S) |
| S17 | Wear ring, labyrinth hubs (std., 0.025. 0.050 and 0.075 in. U/S) |
| S18 | Grommet, flinger or V-ring |
| S19 | Flinger disk |
| S20 | Packing replacement kit, BFG or Teflon Graphite |



Packing Seal (Cross-Section View)

| REF. NO. | DESCRIPTION | | |
|-------------|--|--|--|
| S1 | Packing gland stud | | |
| S2 | Unbalanced nut | | |
| S3 | Packing gland half | | |
| S6 | Impeller shaft | | |
| S7 | Impeller | | |
| S8 | Wear ring, plain hubs (std., 0.025. 0.050 and 0.075 in. U/S) | | |
| S9 | Lock nut, 1"-14 | | |
| S10 | Plain brass washer, 5/16 in. | | |

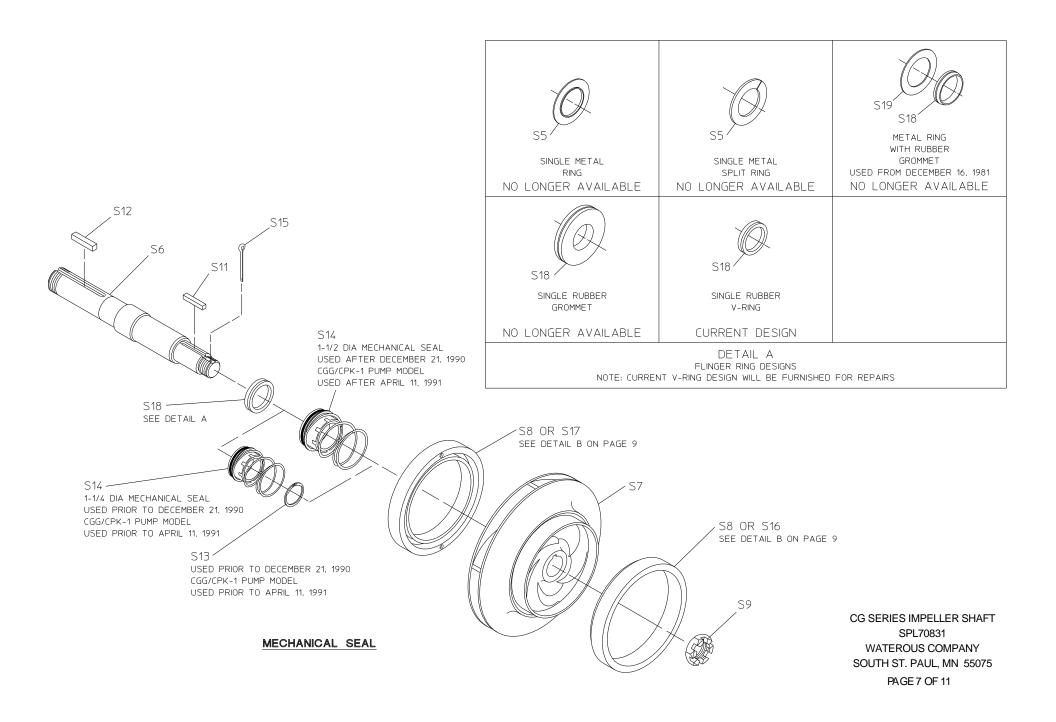
| REF. NO. | DESCRIPTION |
|-------------|--|
| S11 | Square key, SS or Monel, 1/4 x 1-7/16 in. |
| S12 | Square key, 5/16 x 1-9/16 in., or 5/16 x 1-5/16 in. |
| S15 | Cotter pin Monel shaft - 3/16 x 1-1/4 in. SS shaft - 1/8 x 1-3/4 in. |
| S16 | Wear ring, labyrinth hubs (std., 0.025. 0.050 and 0.075 in. U/S) |
| S17 | Wear ring, labyrinth hubs (std., 0.025. 0.050 and 0.075 in. U/S) |
| S18 | Grommet, flinger or V-ring |
| S20 | Packing replacement kit, BFG or Teflon Graphite |



Mechanical Seal (Exploded View)

| REF. NO. | DESCRIPTION | | | |
|-------------|---|--|--|--|
| S5 | Flinger ring | | | |
| S6 | Impeller shaft | | | |
| S7 | Impeller | | | |
| S8 | Wear ring, plain hubs (std., 0.025, 0.050, 0.075 in. U/S) | | | |
| S9 | Lock nut, 1"-14 | | | |
| S11 | Square key, SS or Monel, 1/4 x 1-7/16 in. | | | |
| S12 | Square key, 5/16 x 1-9/16 in., or 5/16 x 1-5/16 in. | | | |
| S13 | Retaining ring | | | |

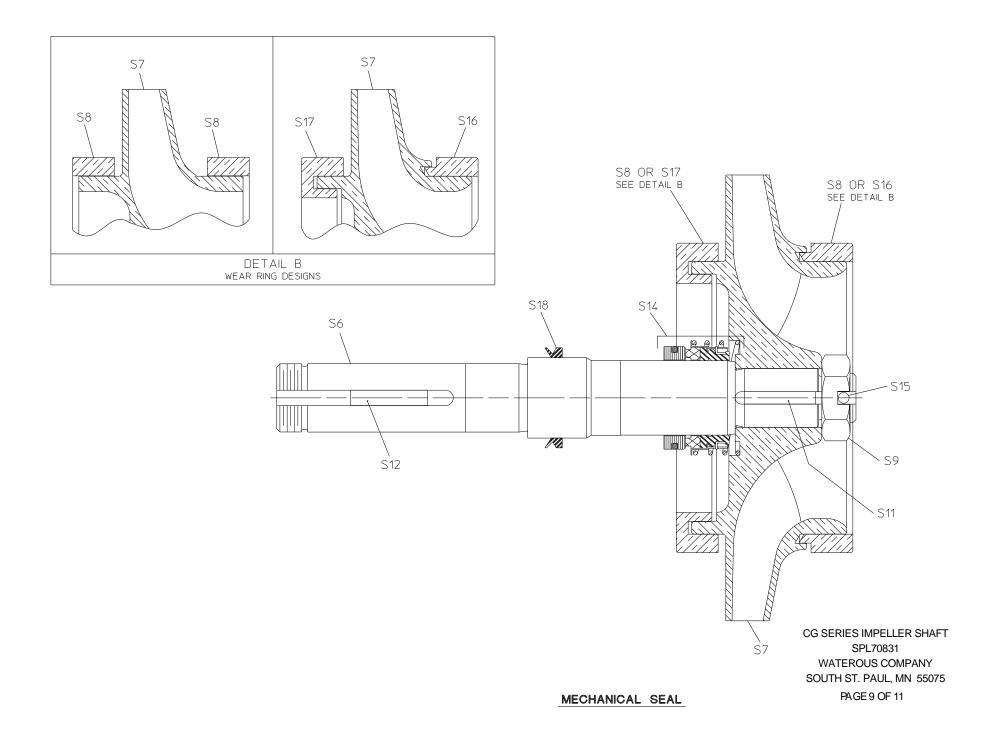
| REF. NO. | DESCRIPTION |
|-------------|--|
| S14 | Mechanical seal |
| S15 | Cotter pin Monel sahft - 3/16 x 1-1/4 in. SS shaft - 1/8 x 1-3/4 in. |
| S16 | Wear ring, labyrinth hubs (std., 0.025, 0.050, 0.075 in. U/S) |
| S17 | Wear ring, labyrinth hubs (std., 0.025, 0.050, 0.075 in. U/S) |
| S18 | Grommet, flinger or V-ring |
| S19 | Flinger disk |



Mechanical Seal (Cross-Section View)

| REF. NO. | DESCRIPTION | | |
|-------------|---|--|--|
| S6 | Impeller shaft | | |
| S7 | Impeller | | |
| S8 | Wear ring, plain hubs (std., 0.025, 0.050, 0.075 in. U/S) | | |
| S9 | Lock nut, 1"-14 | | |
| S11 | Square key, SS or Monel, 1/4 x 1-7/16 in. | | |
| S12 | Square key, 5/16 x 1-9/16 in., or 5/16 x 1-5/16 in. | | |

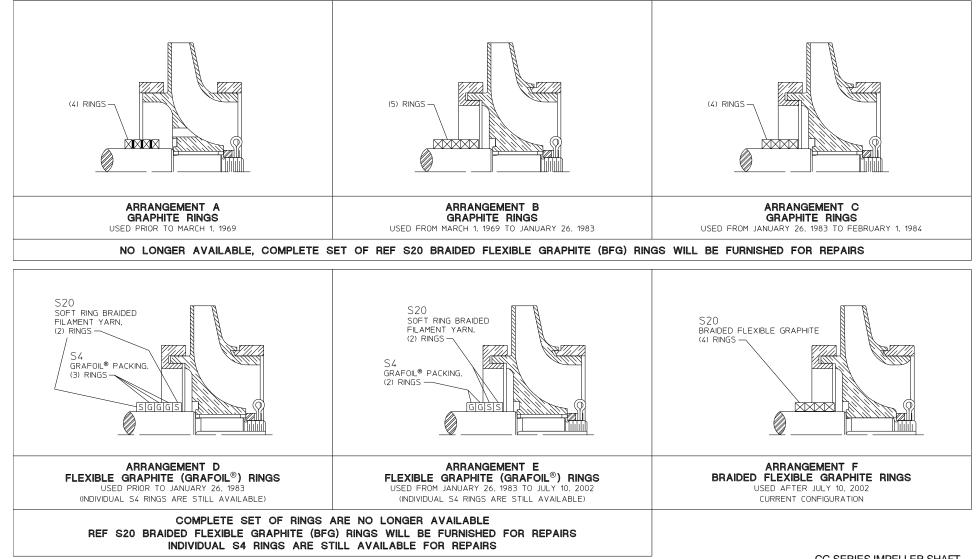
| REF. NO. | DESCRIPTION | | |
|-------------|--|--|--|
| S14 | Mechanical seal | | |
| S15 | Cotter pin Monel sahft - 3/16 x 1-1/4 in. SS shaft - 1/8 x 1-3/4 in. | | |
| S16 | Wear ring, labyrinth hubs (std., 0.025, 0.050, 0.075 in. U/S) | | |
| S17 | Wear ring, labyrinth hubs (std., 0.025, 0.050, 0.075 in. U/S) | | |
| S18 | Grommet, flinger or V-ring | | |



Packing Arrangements

| REF. NO. | DESCRIPTION |
|-------------|--|
| S4 | Packing ring, Flexible Graphite (Grafoil®) |

| REF. NO. | DESCRIPTION |
|-------------|---|
| S20 | Packing replacement kit, BFG or Teflon Graphite |



PACKING ARRANGEMENTS

NOTE: ALWAYS STAGGER JOINTS IN PACKING RINGS

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