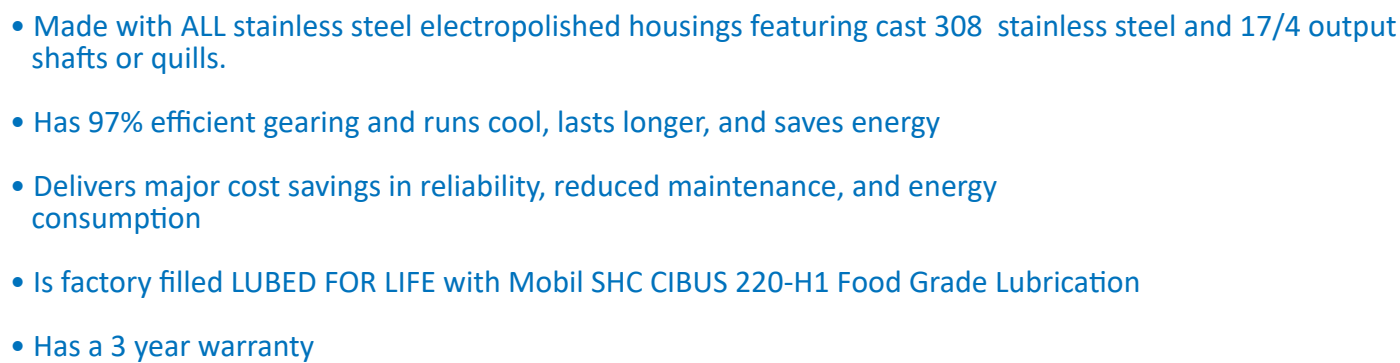




|                   |                  | Approximate Ratios |             |             |             |             |             |             |             |             |             |
|-------------------|------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Motor             | Nom Motor Torque | 4                  | 5           | 7           | 10          | 16          | 20          | 25          | 35          | 40          | 50          |
| <b>MPS-A330P</b>  | 3.6              | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS302_MS3R |
| <b>MPS-B330P</b>  | 3.6              | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS302_MS3R |
| <b>MPS-A4540F</b> | 8.13             | KSS202_MS2R        | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS302_MS3R | KSS302_MS3R | -           | -           |
| <b>MPS-B4540F</b> | 8.13             | KSS202_MS2R        | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS202_MS2R | KSS302_MS3R | KSS302_MS3R | -           | -           |
| <b>MPS-B560F</b>  | 21.5             | KSS302_MS3R        | KSS302_MS3R | KSS302_MS3R | KSS302_MS3R | -           | -           | -           | -           | -           | -           |



### “VPH” Motor with “KSS” Reducer

| “VPH” Motor with “KSS” Reducer |                  |             |             |             | Approximate Ratios |             |             |             |             |             |             |
|--------------------------------|------------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Motor                          | Nom Motor Torque | 4           | 5.568       | 6           | 6.644              | 8.309       | 9.249       | 10.14       | 11.565      | 12.618      | 14.144      |
| VPH-063                        | 1.09             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R |
| VPH-075                        | 1.90             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R |
| VPH-100                        | 3.41             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R |
| VPH-115                        | 4.04             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R |
|                                |                  |             |             |             |                    |             |             |             |             |             |             |
| Motor                          | Nom Motor Torque | 16.714      | 17.563      | 20.15       | 23.265             | 25.22       | 28.048      | 33.707      | 35.105      | 40.03       | 46.918      |
| VPH-063                        | 1.09             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R |
| VPH-075                        | 1.90             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R |
| VPH-100                        | 3.41             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | KSS102_MS1R | KSS102_MS1R | -           | -           | -           | -           |
| VPH-115                        | 4.04             | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R | KSS102_MS1R        | -           | -           | -           | -           | -           | -           |

### “VPH” Motor with “KSS” Reducer

| “VPH” Motor with “KSS” Reducer |                  |             |             |             | Approximate Ratios |             |             |             |             |             |             |             |
|--------------------------------|------------------|-------------|-------------|-------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Motor                          | Nom Motor Torque | 4           | 4.365       | 5.177       | 6                  | 6.683       | 7.118       | 8.397       | 9.19        | 10.073      | 11.546      | 12.705      |
| VPH-063                        | 1.09             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |
| VPH-075                        | 1.9              | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |
| VPH-100                        | 3.41             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |
| VPH-115                        | 4.04             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |
| VPH-130                        | 5.17             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |
| Motor                          | Nom Motor Torque | 13.851      | 16.858      | 17.469      | 20.327             | 23.18       | 25.13       | 27.95       | 33.618      | 34.554      | 46.225      |             |
| VPH-063                        | 1.09             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |             |
| VPH-075                        | 1.9              | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |             |
| VPH-100                        | 3.41             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |             |
| VPH-115                        | 4.04             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R |             |
| VPH-130                        | 5.17             | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R        | KSS202_MS1R | KSS202_MS1R | KSS202_MS1R | -           | KSS202_MS1R | -           |             |

### “VPH” Motor with “KSS” Reducer

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