

# Alpha<sup>®</sup> Variable Speed Polisher

## Parts List and Schematic



Part No: VSP-230

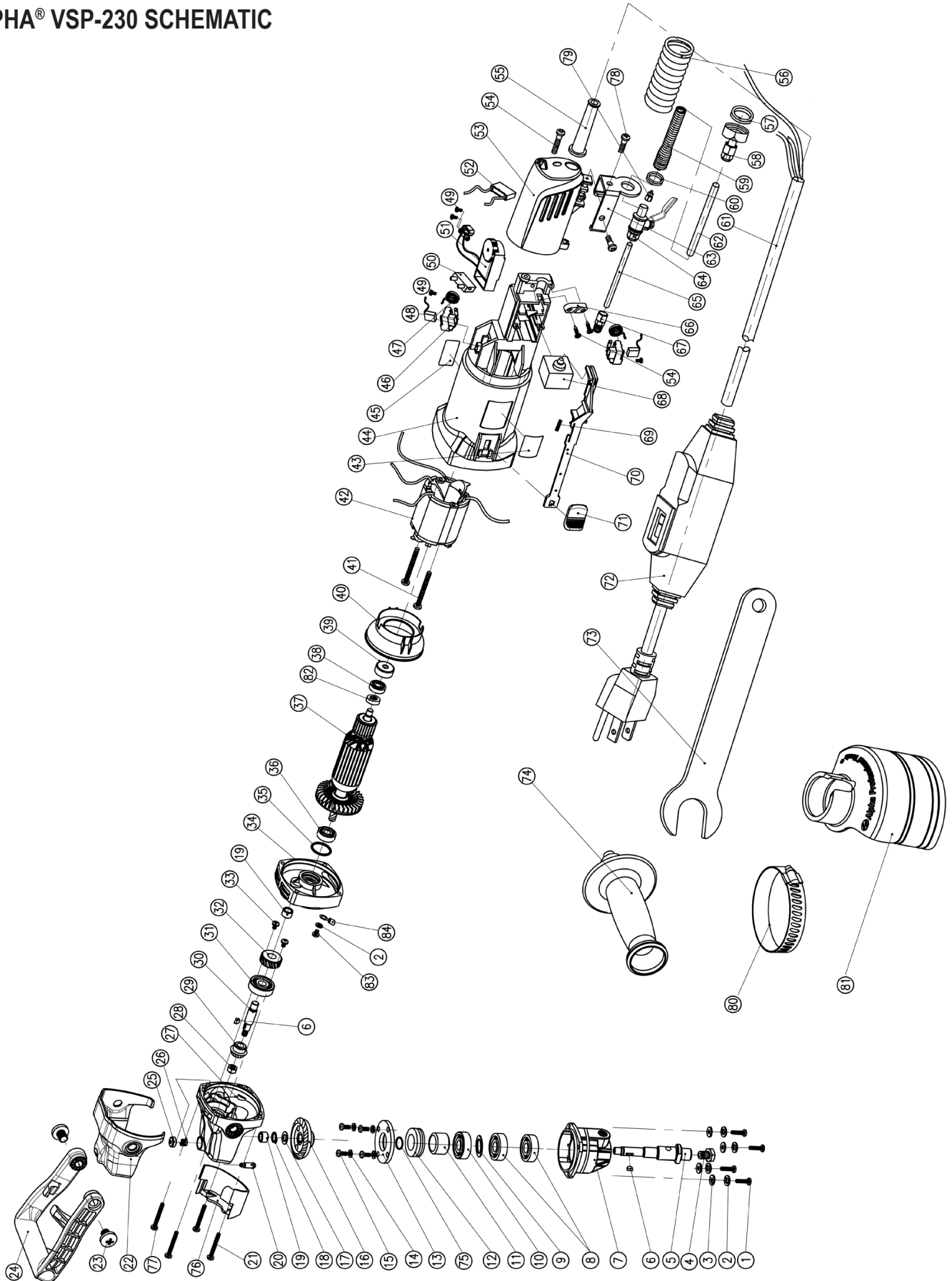
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 **Alpha Professional Tools**<sup>®</sup>

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VSP-230 PARTS LIST AND SCHEMATIC  
DECEMBER 2011

# ALPHA® VSP-230 SCHEMATIC



## ALPHA® VSP-230 PARTS LIST

| DRAWING NO. | PART NO. | ITEM DESCRIPTION               | MSRP    |
|-------------|----------|--------------------------------|---------|
| 1           | 210001   | Screw M4x16                    | \$ 0.11 |
| 2           | 210002   | Spring Washer 4                | \$ 0.11 |
| 3           | 210003   | Plain Washer 4                 | \$ 0.06 |
| 4           | 210004   | Shower Bolt                    | \$ 0.90 |
| 5           | 210080   | Output Shaft 230V (M-14)       | \$ 2.94 |
| 6           | 210006   | Key 3x10                       | \$ 0.06 |
| 7           | 210090   | Gear Case Cover                | \$ 4.42 |
| 8           | 210008   | Oil Lip Seal B16x28x7D         | \$ 4.82 |
| 9           | 210009   | Bearing Washer                 | \$ 0.17 |
| 10          | 210010   | Ball Bearing 6201              | \$ 9.06 |
| 11          | 210011   | Gear Washer                    | \$ 0.57 |
| 12          | 210012   | Thrust Bearing 15x28x6         | \$ 9.51 |
| 13          | 210013   | Bearing Clamp                  | \$ 0.74 |
| 14          | 210014   | Spring Washer 5                | \$ 0.11 |
| 15          | 210015   | Screw M5x14                    | \$ 0.17 |
| 16          | 210016   | Gear                           | \$ 9.82 |
| 17          | 210017   | Wave Spring Lock Washer 10     | \$ 0.06 |
| 18          | 210018   | "C" Clip For Shaft 10          | \$ 0.06 |
| 19          | 210019   | Oil-impregnated Bearing 8x12x8 | \$ 1.19 |
| 20          | 210020   | Spindle-lock Pin               | \$ 1.19 |
| 21          | 210021   | Screw St4.2x45                 | \$ 0.28 |
| 22          | 210022   | Case Plastic Cover             | \$ 2.78 |
| 23          | 210023   | Screw M10x22                   | \$ 0.34 |
| 24          | 210024   | C-handle                       | \$18.27 |
| 25          | 210025   | Lock Pin Cap                   | \$ 0.22 |
| 26          | 210026   | Pin Spring                     | \$ 0.06 |
| 27          | 210027   | Gear Case                      | \$ 6.29 |
| 28          | 210028   | Anti-loose Nut M6              | \$ 0.11 |
| 29          | 210029   | Pinion Z3                      | \$ 9.44 |
| 30          | 210030   | Transmitting Shaft             | \$ 1.19 |
| 31          | 210031   | Ball Bearing 6200              | \$ 8.90 |
| 32          | 210032   | Bevel Gear Z2                  | \$10.54 |
| 33          | 210033   | Screw M4x12                    | \$ 0.06 |
| 34          | 210034   | Bearing Retainer               | \$ 3.85 |
| 35          | 210035   | O-ring 21.2x1.8                | \$ 0.06 |
| 36          | 210036   | Ball Bearing 608               | \$ 6.70 |
| 37          | 210081   | Armature 230V                  | \$47.77 |
| 38          | 210038   | Ball Bearing 607               | \$ 6.42 |
| 39          | 210039   | Rubber Bearing Seat            | \$ 0.46 |
| 40          | 210040   | Windshield                     | \$ 1.47 |
| 41          | 210041   | Self-tapping Screw 4.2x70      | \$ 0.22 |
| 42          | 210091   | Field Coil 230V                | \$29.15 |
| 43          | 210100   | Brand Label 230V               | \$ 0.60 |

ALPHA® VSP-230 PARTS LIST

| DRAWING NO. | PART NO. | ITEM DESCRIPTION                   | MSRP    |
|-------------|----------|------------------------------------|---------|
| 44          | 210091   | Field Coil Case                    | \$ 9.46 |
| 45          | 210100   | Data Label 230V                    | \$ 0.28 |
| 46          | 210046   | Carbon Brush Holder                | \$ 2.89 |
| 47          | 210047   | Coil Spring                        | \$ 0.66 |
| 48          | 210083   | Carbon Brush 230V (105S)           | \$ 7.20 |
| 49          | 210049   | Self-tapping Screw 2.9x8           | \$ 0.06 |
| 50          | 210094   | Terminal Block                     | \$ 0.55 |
| 51          | 210093   | Speed Pot W/magnetic Inductor 120V | \$30.99 |
| 52          | 210052   | Capacitor 9.22f (For 230V Version) | \$ 1.60 |
| 53          | 210053   | Rear Cover                         | \$ 4.25 |
| 54          | 210054   | Self-tapping Screw 4.2x14          | \$ 0.11 |
| 55          | 210055   | Cord Jacket                        | \$ 0.62 |
| 56          | 210056   | Twist Strip                        | \$ 0.74 |
| 57          | 210057   | Rubber Washer                      | \$ 0.40 |
| 58          | 210058   | Garden Hose Adapter                | \$ 8.16 |
| 59          | 210059   | Spring                             | \$ 0.46 |
| 60          | 210060   | Plain Washer                       | \$ 0.06 |
| 61          | 210085   | Power Supply Cord 230V             | \$14.50 |
| 62          | 133229   | Water Hose 8mm ODx10ft (3m)        | \$ 7.17 |
| 63          | 210063   | Water Valve Bracket (For VSP-230)  | \$ 0.90 |
| 64          | 210064   | Water Valve Assembly (For VSP-230) | \$ 6.62 |
| 65          | 210065   | Water Hose 5mm ODx8in (20cm)       | \$ 0.62 |
| 66          | 210066   | Cord Clamp                         | \$ 0.17 |
| 67          | 210067   | Outlet Tap                         | \$ 1.82 |
| 68          | 210068   | Switch                             | \$ 4.00 |
| 69          | 210069   | Back Moving Spring                 | \$ 0.06 |
| 70          | 210070   | Switch Push Lever                  | \$ 0.51 |
| 71          | 210086   | Switch Push Button                 | \$ 0.40 |
| 72          | 210072   | Gfci 230V (European)               | \$49.68 |
| 73          | 210073   | Wrench                             | \$ 1.70 |
| 74          | 210074   | Side Handle                        | \$ 6.92 |
| 75          | 210075   | O-ring 15x2.65                     | \$ 0.17 |
| 76          | 210076   | Dash Panel                         | \$ 1.19 |
| 77          | 210077   | Self-tapping Screw 4.2x40          | \$ 0.28 |
| 78          | 210078   | Self-tapping Screw 4.2x10          | \$ 0.11 |
| 79          | 210079   | Water Valve Tap                    | \$ 0.28 |
| 80          | 210088   | Band Clamp                         | \$ 3.01 |
| 81          | 210089   | Splash Guard                       | \$13.42 |
| 82          | 210095   | Magnetic Ring                      | \$ 0.40 |
| 83          | 210096   | Screw M4x8                         | \$ 0.40 |
| 84          | 210097   | Terminal Connector                 | \$ 0.08 |
| (NOT SHOWN) | 210087   | BMC (Blow Mold Case)               | \$18.38 |