

# PISTON ACCUMULATOR ORDERING TABLE

## PISTON ACCUMULATORS

Use the table below to determine the part number for your desired piston accumulator. For help sizing your accumulator, selecting a compatible elastomer, and to obtain a quote on accumulators and all our other products, visit our website at [accumulators.com](http://accumulators.com).

Select the desired option from each list and place the corresponding code in its proper place:

| APPROVAL CODE | NOMINAL SIZE | PRESSURE | CYLINDER BORE | TOP END PORT(S) | BOTTOM END PORT(S) | SEALS | MATERIAL | EXAMPLE             |
|---------------|--------------|----------|---------------|-----------------|--------------------|-------|----------|---------------------|
| PA            | 15           | 3100     | 6B            | 0G              | 2F                 | V     | SS       | = PA1531006B0G2FVSS |

| APPROVAL CODE <sup>1</sup> |      | PRESSURE <sup>3</sup>            |        | TOP AND BOTTOM PORTS <sup>4,5</sup> |      | SEALS <sup>4</sup> |       |
|----------------------------|------|----------------------------------|--------|-------------------------------------|------|--------------------|-------|
| OPTION                     | CODE | OPTION                           | CODE   | OPTION                              | CODE | OPTION             | CODE  |
| ACC INC                    | PA   | 3000 PSI                         | 3100   | 3/8"-24 SAE w/gas valve             | 0    | Buna-Nitrile       | Blank |
| ASME                       | PX   | 4000 PSI                         | 4100   | 3/4"-16 SAE (#8)                    | 1    | Butyl              | B     |
| DNV                        | PN   | 6000 PSI                         | 6100   | 1-1/16"-12 SAE (#12)                | 2    | EPDM               | E     |
| ABS                        | PB   | 7500 PSI                         | 7.5100 | 1-5/16"-12 SAE (#16)                | 3    | Fluorocarbon       | V     |
| CE                         | PP   | 10000 PSI                        | 10100  | 1-7/8"-12 SAE (#24)                 | 4    | Low-Temp Buna      | L     |
| CRN                        | PR   | 15000 PSI                        | 15100  | Code 61, 2" SAE                     | 5    | Polypropylene      | P     |
| ABS, DNV                   | PD   | <b>CYLINDER BORE<sup>4</sup></b> |        | Code 62, 1.5" SAE                   | 6    | PTFE (Teflon)      | PTFE  |
| SIZE <sup>2</sup>          |      | OPTION                           | CODE   | 3/8" MP                             | 7    | KEL-F              | KELF  |
| OPTION                     | CODE | 2" Bore                          | 2B     | 2.5"-12 SAE (#32)                   | 8    | <b>MATERIALS</b>   |       |
| 1/2 Pint                   | .5PT | 3" Bore                          | 3B     | 1" NPT                              | 9    | OPTION             | CODE  |
| 1 Pint                     | 1PT  | 4" Bore                          | 4B     | 1/2"-20 SAE w/gas valve             | 10   | Carbon Steel       | Blank |
| 1 Quart                    | 1QT  | 5" Bore                          | 5B     | 3/4" NPT                            | 11   | Stainless          | SS    |
| 1/2 Gallon                 | 2QT  | 5.5" Bore                        | 5.5B   | 1/2" NPT                            | 12   | Chrome-plated ID   | CP    |
| 1 Gallon                   | 1    | 6" Bore                          | 6B     | Code 61, 1.5" SAE                   | 13   |                    |       |
| 2.5 Gallon                 | 2.5  | 7" Bore                          | 7B     | Solid, no port                      | 15   |                    |       |
| 5 Gallon                   | 5    | 8" Bore                          | 8B     | 9/16" MP                            | 16   |                    |       |
| 7.5 Gallon                 | 7.5  | 10" Bore                         | 10B    | 1-5/8"-12 SAE (#20)                 | 17   |                    |       |
| 10 Gallon                  | 10   | 12" Bore                         | 12B    |                                     |      |                    |       |
| 15 Gallon                  | 15   |                                  |        |                                     |      |                    |       |
| 20 Gallon                  | 20   |                                  |        |                                     |      |                    |       |
| 40 Gallon                  | 40   |                                  |        |                                     |      |                    |       |

<sup>1</sup> ASME standard for all accumulators larger than 6" bore.

<sup>2</sup> Larger and custom sizes available.

<sup>3</sup> Higher and custom pressures available.

<sup>4</sup> Many other options available.

<sup>5</sup> Code followed by G or F to indicate a Top Port or Bottom Port.

Only the most common options are shown above. We have many more options and products available, including position sensors and burst discs.