

How to create a P627 ordering number

Follow these steps 1 thru 15 in directions to obtain an accurate P627 ordering number.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
P	6	2	7										1	
PORT SIZE														
3/4" 06														
1" 08														
2" 16														
SPRING RANGE														
psig														
5-20 020														
15-40 040														
35-80 080														
70-150 150														
140-250 250														
240-500 500														
* Steel Casing/Steel Body Only														
SPECIAL CONSTRUCTION														
None 0														
Monitor 2														
* Steel Casing/Steel Body Only														
VERSIONS														
Standard 0														
NACE N														
* Available as Steel/Steel or Aluminum/Steel Only														
ORIFICE														
1/8" 2														
3/16" 3														
1/4" 4														
3/8" 6														
1/2" 8														
SEAT MATERIAL														
Nitrile (Buna-N) 0														
Nylon 1														
CASING MATERIAL														
Aluminum Casing/Iron Body 0														
Steel Casing/Steel Body 1														
Aluminum Casing/Steel Body 2														

Nitrile Seat is recommended for 5-20 psig & 15-40 psig. Nylon Seat is recommended for psi above 140.

• **Digits 1 thru 4** identify the model number of the BelGAS regulator. For the P627, place "P627" in these first 4 digits.

• **Digits 5 and 6** identify the threaded port size of the "in" and "out" ports of the P627. Use the following to fill in digits 5 and 6 of the P627 part number.

Port Size	Digits 5 and 6
3/4" NPT	06
1" NPT	08
2" NPT	16

• **Digits 7, 8 and 9** identify the spring range (output pressure range) of the P627 regulator. Some spring ranges are not available in every casing material option. Specifically, any spring range over 150 psig is only available in the Steel Casing/Steel Body option. Thus

any spring range above 150 psig, must be ordered with a number "1" in digit 15 of the ordering number. Use the following to select digits 7, 8 and 9 in the P627 ordering number.

Spring Range	Digits 7, 8 and 9
5-20 psig	020
15-40 psig	040
35-80 psig	080
70-150 psig	150
140-250 psig	250 (digit 15 must be "1")
240-500 psig	500 (digit 15 must be "1")

• **Digit 10** identifies any special construction of the P627 regulator. The monitor option (remote sensing of the downstream pressure) is only available with the Steel Casing/Steel Body casing material option (digit 15). Use the following to select digit 10 in the P627 ordering number.

Special Construction	Digit 10
None	0
Monitor Option	2 (digit 15 must be "1")

• **Digit 11** identifies NACE construction in the P627 ordering number. NACE construction is available as an option in the Steel Casing/Steel Body casing material configuration (digit 15). NACE construction is standard on the Aluminum Casing/Steel Body casing material option (digit 15) and the user must specify "N" in digit 11 for this option.

Version	Digit 11
Standard	0
NACE	N

• **Digit 12** identifies the orifice size of the regulator. All P627 orifices are made of aluminum unless the NACE option is specified (digit 11). The orifices are stainless steel in NACE units. Use the following to select digit 12.

Orifice Size	Digit 12
1/8"	2
3/16"	3
1/4"	4
3/8"	6
1/2"	8

• **Digit 13** identifies the seat material of the P627. Two different seat materials are available: nitrile and nylon. It is recommended that nitrile seats always be used with the 5-20 psig and 15-40 psig spring range. The nylon seat should always be used for ranges above 140 psig and where large differentials between inlet and outlet pressures are present. Use the following to select digit 13.

Seat Material	Digit 13
Nitrile	0
Nylon	1

• **Digit 14** is always a "1" for the P627.

• **Digit 15** identifies casing material of the P627. This includes the bonnet, the housing and the body. The aluminum casing is limited to lower spring ranges (less than 140 psig). Use the following to select digit 15.

Casing Material	Digit 15
Aluminum Casing/Iron Body	0
Steel Casing/Steel Body	1
Aluminum Casing/Steel Body	2

Example: P627082500N2111

P627 with, 1" NPT ports, 140-250 psig output range, no special construction, NACE components, 1/8" orifice, nylon seat and Steel Casing/Steel Body.