



# BR5100 PUMP PART NUMBER

## Create a Pump Model

BR51	X	X	X	-	X	X	X	X			
0										Standard Pressure 0-3000 psig (dependent on packing)	Model
1										High Pressure (Buna Hard packing only) 0-6000 psig (3/16", 1/4" & 3/8"), 0-3500 psig (1/2")	
2										Low Volume Pump (Adjustable Stroke Length)	
3										Low Supply Pressure Pump (Low Spring Force)	
4										Stainless Steel Supply Connections	
1										1/4" Plunger	Plunger Size
3										3/8" Plunger	
4										3/16" Plunger	
5										1/2" Plunger	
LP										Pump Only - No Tank, Base, Regulator & Gauge	
L										Pump w/ SS Tank (5 gal.), Base & Level Gauge	
HP										Pump w/ Regulator & Gauge - No Base & Tank	
H										Pump w/ SS Tank (5 gal.), Base, Regulator & Gauge	
F										Stainless Steel Tube Fittings	Options
1										Buna N (Nitrile)	Plunger Packing Material
2										Buna Hard	
3										Viton	
4										Teflon	
5										Fluorosilicone	
6										Buna / Teflon ("Zebra")	
7										Viton / Teflon	
9										N-Seal	
A										Bruez (Perfluoro-Olefin Elastomer, FEPM)	
B										Bruez FFKM (Perfluoroelastomer, FFKM)	
1										Buna N (Nitrile)	Seal Material
2										Metal to Metal	
3										Viton	
4										Teflon	
5										Fluorosilicone	
6										Bruez (Perfluoroelastomer, FFKM)	
1										Micro Switch Assembly	Operating Valve Assembly
2										Pilot Valve Assembly	
1										Ductile Iron (Std., Unavailable for 3/16" Plunger Size)	Head Material
2										Stainless Steel	
3										Ductile Iron w/ Ceramic Plunger	
4										Stainless Steel w/ Ceramic Plunger	
5										Ductile Iron w/ Nitride Plunger	
6										Stainless Steel w/ Nitride Plunger	

**Example:** BR5103LP-1511

**Description:** BR5100 Series Chemical Injection Pump, Standard Pressure Model, 3/8" Plunger, Pump Only (No Tank, Base, Regulator & Gauge), Buna Packing, Fluorosilicone Seals, Micro Switch Operating Valve, Ductile Iron Head and Stainless Steel Plunger.

## Create a Head Assembly

	Head Material	Plunger Size				Plunger Material	Packing Material	Seal Material
		3/16"	1/4"	3/8"	1/2"			
BR5100	Ductile w/ SS Trim	n/a	BB0166	BB0203	BB0496	- : Stainless Steel Plunger (Std.) C : Ceramic Plunger N : Nitrided Plunger	1 - Buna N 2 - Buna Hard 3 - Viton 4 - Teflon 5 - Fluorosilicone 6 - Buna / Teflon 7 - Viton / Teflon A - Bruez B - Bruez FFKM	1 - Buna N 2 - Metal to Metal 3 - Viton 4 - Teflon 5 - Fluorosilicone 6 - Bruez
	Stainless Steel	BB1472	BB0755	BB0756	BB0732			

**Example:** BC 166-13

**Description:** BR5100, 1/4" Head, Ductile Iron w/ SS Trim, Stainless Steel Plunger (Std.), Buna Packing, Viton Seals.

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