



BR4300 PUMP PART NUMBER

Create a Pump Model

BR43	X	X	X	X	-	X	X	X	X			
	0										50:1 Gear Ratio	Gear Ratio
	2										100:1 Gear Ratio	
	3										25:1 Gear Ratio	
	1										1/4" Plunger	Plunger Size
	3										3/8" Plunger	
	4										3/16" Plunger	
	5										1/2" Plunger	
	6										3/4" Plunger	
	7										1" Plunger	
											Multiple Head Configurations Available, Please Consult Factory	
	1										1 Fluid Head	Number of Injection Heads
	2										2 Fluid Heads	
	3										3 Fluid Heads	
	4										4 Fluid Heads	
	5										5 Fluid Heads	
	6										6 Fluid Heads	
	7										7 Fluid Heads	
	8										8 Fluid Heads	
	G										Pump Gearbox Only - No Base, Coupling Guard & Motor	Power Unit Model Options
	B										Pump Gearbox w/ Base & Coupling Guard - No Motor	
	P										Power Unit Model - Pump w/ Base, Coupling Guard & Motor	
											Absence of "Letter" Indicates Chemical Injector Model w/ Tank (5 gal.)	
	1										Buna N (Nitrile)	Plunger Packing Material
	2										Buna Hard	
	3										Viton	
	4										Teflon	
	5										Fluorosilicone	
	6										Buna / Teflon ("Zebra")	
	7										Viton / Teflon	
	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)	
	0										No Electric Motor	Electric Motor
	1										1/4 HP, 1 Ph, 60 Hz, 115/230V, Ex. Proof	
	2										1/4 HP, 3 Ph, 60 Hz, 230/460V, Ex. Proof	
	3										1/4 HP, 12V TENV	
	4										1/3 HP, 1 Ph, 60Hz, 115/230V, Ex. Proof	
	5										1/2 HP, 1 Ph, 60 Hz, 115/230V, Ex. Proof	
	6										3/4 HP, 1 Ph, 60 Hz, 115/230V, Ex. Proof	
	7										1/3 HP, 1 Ph, 50 Hz, 115/230V, Ex. Proof	
	8										1/2 HP, 3 Ph, 60 Hz, 230/460V, Ex. Proof	
	9										1/3 HP, 3 Ph, 60 Hz, 230/460V, Ex. Proof	
	A										1/2 HP, 12V, TENV	
	B										1 HP, 1 Ph, 115/230V, Ex. Proof	
	C										1/3 HP, 1 Ph, 115/230V, TEFC	
	D										1/4 HP, 12V, Ex. Proof	
	H										Hydraulic Motor	
											Other Motors Available, Please Consult Factory	
	0										Combination of Ductile & SS Heads (For Multiple Head Pumps Only)	Head / Plunger Material
	1										Ductile Iron (Std., Unavailable for 3/16" Plunger Size)	
	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: BR43231P-1511

Description: BR4300 Series Chemical Injection Pump, 100:1 Gear Ratio, 3/8" Plunger, Single Head, Power Unit Model w/ Base, Coupling Guard and Motor, Buna Packing, Fluorosilicone Seals, 1/4HP, 1 Ph, 60Hz, 115/230V, Ex. Proof motor, 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"	3/4"	1"			
BR4300	Ductile w/ SS Trim	n/a	BC1578	BC1579	BC1580	BC1888	BC1886	- : 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 – Brueze B – Brueze FFKM	1 – Buna N 2 – Metal to Metal 3 – Viton 4 – Teflon 5 – Fluorosilicone 6 – Brueze
	Stainless Steel	BC2041	BC1582	BC1583	BC1584	BC1887	BC1885			

Example: BC1578-13

Description: BR4300, 1/4" Head, Ductile Iron w/ SS Trim, Stainless Steel Plunger (Std.), Buna Packing, Viton Seals.

Horse Power Requirements for Multi-Headed Units

Number of Gear Boxes	Gear Ratio		
	25:1 Ratio	50:1 Ratio	100:1 Ratio
	BR433X	BR430X	BR432X
1	1/4 HP	1/4 HP	1/4 HP
2	1/2 HP	1/2 HP	1/3 HP
3	3/4 HP	3/4 HP	1/2 HP
4	1 HP	1 HP	3/4 HP

* Two Heads can be mounted on each Gear Box