



1" Heavy Duty Bolted Style Pump

- Suitable for clean fluids, slurries or up to 1/4" solids
- All-PUR® FDA Elastomers and Electropassivated Stainless Available
- Heavy duty air valve
- Available in metallic or non metallic wetted components
- Muffler included

1" Heavy Duty Bolted Style Pump

Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
AB-10	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Geolast®	Polypropylene	Nitrile	NPT
AB-10-B2	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast®	PTFE	Polypropylene A non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Nitrile	NPT
AB-10-B2-P15	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	PTFE	Polypropylene A non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Nitrile	BSP
AB-10-P15	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Polypropylene A non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Nitrile General purpose elastomer used on water and most non synthetic oils.	BSP
AE-10	Aluminum General Purpose metal, suitable for water,	Santoprene® Injection molded thermoplastic material with	Santoprene® Injection molded thermoplastic material with	Polypropylene A non-metallic material, suitable for water,	EPDM General purpose elastomer with good resistance	NPT FDA accepted Viton.

Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
	oils, most solvents, most paints.	characteristics similar to EPDM. Has excellent abrasion resistance.	characteristics similar to EPDM. Has excellent abrasion resistance.	caustics, soap solutions, mild acids and general purpose applications.	to many acids and basis.	
AE-10-P15	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Polypropylene A non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	EPDM General purpose elastomer with good resistance to many acids and basis.	BSP
AN-10	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Nitrile General purpose elastomer used on water and most non synthetic oils.	Polypropylene A non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Nitrile General purpose elastomer used on water and most non synthetic oils.	NPTFDA accepted Viton.
AN-10-P15	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Geolast® Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Nitrile General purpose elastomer used on water and most non synthetic oils.	Polypropylene A non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Nitrile General purpose elastomer used on water and most non synthetic oils.	BSP
AT-10	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	PTFE Thermoplastic material that is inert to most chemicals.	PTFE Thermoplastic material that is inert to most chemicals.	Nylon A non-metallic material, suitable for most solvents and oils.	PTFE Thermoplastic material that is inert to most chemicals.	NPTFDA accepted Viton.
AT-10-P15	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	PTFE Thermoplastic material that is inert to most chemicals.	PTFE Thermoplastic material that is inert to most chemicals.	Nylon A non-metallic material, suitable for most solvents and oils.	PTFE Thermoplastic material that is inert to most chemicals.	BSP
AV-10	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Viton®	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Nylon A non-metallic material, suitable for most solvents and oils.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	NPTFDA accepted Viton.
AV-10-P15	Aluminum General Purpose metal, suitable for water, oils, most solvents, most paints.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	Nylon A non-metallic material, suitable for most solvents and oils.	Viton® Elastomer with good chemical resistance to a wide variety of chemicals.	BSP
KE-10	PVDF Polyvinylidene Fluoride suitable in applications requiring the highest purity, strength, and resistance to solvents, acids, bases.	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Santoprene® Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	PVDF Polyvinylidene Fluoride suitable in applications requiring the highest purity, strength, and resistance to solvents, acids, bases.	EPDM General purpose elastomer with good resistance to many acids and basis.	ANSI / DIN Flange
KT-10	PVDF Polyvinylidene Fluoride suitable in applications requiring	PTFE	PTFE Thermoplastic material that is inert to	PVDF Polyvinylidene Fluoride suitable in applications requiring	PTFE Thermoplastic material that is inert	ANSI / DIN Flange

Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
	the highest purity, strength, and resistance to solvents, acids, bases.		most chemicals.	the highest purity, strength, and resistance to solvents, acids, bases.	to most chemicals.	
KV-10	PVDFPolyvinylidene Fluoride suitable in applications requiring the highest purity, strength, and resistance to solvents, acids, bases.	Viton®Elastomer with good chemical resistance to a wide variety of chemicals.	Viton®Elastomer with good chemical resistance to a wide variety of chemicals.	PVDFPolyvinylidene Fluoride suitable in applications requiring the highest purity, strength, and resistance to solvents, acids, bases.	Viton®Elastomer with good chemical resistance to a wide variety of chemicals.	ANSI / DIN Flange
PB-10	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Geolast®Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Geolast®Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	NitrileGeneral purpose elastomer used on water and most non synthetic oils.	ANSI / DIN Flange
PE-10	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Santoprene®	Santoprene®Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	EPDMGeneral purpose elastomer with good resistance to many acids and basis.	ANSI / DIN Flange
PN-10	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Geolast®Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	NitrileGeneral purpose elastomer used on water and most non synthetic oils.	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	NitrileGeneral purpose elastomer used on water and most non synthetic oils.	ANSI / DIN Flange
PT-10	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	PTFEThermoplastic material that is inert to most chemicals.	PTFEThermoplastic material that is inert to most chemicals.	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	PTFEThermoplastic material that is inert to most chemicals.	ANSI / DIN Flange
PV-10	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Viton®Elastomer with good chemical resistance to a wide variety of chemicals.	Viton®Elastomer with good chemical resistance to a wide variety of chemicals.	PolypropyleneA non-metallic material, suitable for water, caustics, soap solutions, mild acids and general purpose applications.	Viton®Elastomer with good chemical resistance to a wide variety of chemicals.	ANSI / DIN Flange
SB-10	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Geolast®Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Geolast®Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Stainless SteelCorrosion resistant steel.	NitrileGeneral purpose elastomer used on water and most non synthetic oils.	NPTFDA accepted Viton.
SB-10-P15	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated	Geolast®Injection molded thermoplastic material with characteristics similar	Geolast®Injection molded thermoplastic material with characteristics similar	Stainless SteelCorrosion resistant steel.	NitrileGeneral purpose elastomer used on water and most non synthetic	BSP

Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
	solvents, caustics and marine applications.	to Nitrile. Has excellent abrasion resistance.	to Nitrile. Has excellent abrasion resistance.		oils.	
SB-10-X44	Electropolished and Passivated 316 SS Corrosion resistant Steel that has been electropolished and passivated. Suitable for food and sanitary applications.	FDA Hytrel®/FDA accepted Hytrel®.	FDA Nitrile/FDA accepted Nitrile.	Stainless Steel/Corrosion resistant steel.	FDA Nitrile/FDA accepted Nitrile.	1 1/2" Tri-Clamp
SE-10	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Santoprene®/Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Santoprene®/Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Stainless Steel/Corrosion resistant steel.	EPDM/General purpose elastomer with good resistance to many acids and basis.	NPT/FDA accepted Viton.
SE-10-P15	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Santoprene®/Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Santoprene®/Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Stainless Steel/Corrosion resistant steel.	EPDM/General purpose elastomer with good resistance to many acids and basis.	BSP
SE-10-X44	Electropolished and Passivated 316 SS Corrosion resistant Steel that has been electropolished and passivated. Suitable for food and sanitary applications.	Santoprene®/Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Santoprene®/Injection molded thermoplastic material with characteristics similar to EPDM. Has excellent abrasion resistance.	Stainless Steel/Corrosion resistant steel.	FDA EPDM/FDA accepted EPDM.	1 1/2" Tri-Clamp
SN-10	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Geolast®/Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Nitrile/General purpose elastomer used on water and most non synthetic oils.	Stainless Steel/Corrosion resistant steel.	Nitrile/General purpose elastomer used on water and most non synthetic oils.	NPT/FDA accepted Viton.
SN-10-P15	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Geolast®/Injection molded thermoplastic material with characteristics similar to Nitrile. Has excellent abrasion resistance.	Nitrile/General purpose elastomer used on water and most non synthetic oils.	Stainless Steel/Corrosion resistant steel.	Nitrile/General purpose elastomer used on water and most non synthetic oils.	BSP
SP-10	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	PTFE/Thermoplastic material that is inert to most chemicals.	PTFE/Thermoplastic material that is inert to most chemicals.	Stainless Steel/Corrosion resistant steel.	PTFE/Thermoplastic material that is inert to most chemicals.	NPT
SP-10-P15	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated	PTFE	PTFE	Stainless Steel/Corrosion resistant steel.	PTFE/Thermoplastic material that is inert to most chemicals.	BSP

Part No.	Fluid Chambers	Diaphragms	Valve/Ball	Valve Seats	O-Rings	Connection Type
	solvents, caustics and marine applications.					
SP-10-X44	Electropolished and Passivated 316 SS	FDA PTFE	FDA PTFE/FDA accepted PTFE.	Stainless Steel	FDA PTFE/FDA accepted PTFE.	1 1/2" Tri-Clamp
SV-10	316 SS	Viton®	Viton®	Stainless Steel	Viton®	NPT
SV-10-P15	316 SS Corrosion Resistant Steel, suitable for nitric acid, chlorinated solvents, caustics and marine applications.	Viton®	Viton®	Stainless Steel	Viton®	BSP