



EXPIRES 3/30/19
MM 19-05



Air Cylinders

2-1/2" Cylinders

At 100 psi
Thrust 483 lbs
Draw 452 lbs

Item Number	CYLINDER TYPE	Stroke	Retract Length	Extended Length	Price
VV 100122	Push / Pull	4"	9.89"	13.89"	\$81.62
VV 100123	Push / Pull	6"	11.89"	17.89"	\$88.70
VV 100124	Push / Pull	8"	13.89"	21.89"	\$88.88
VV 100126	Spring Return Normal Extension	6"	13.89"	19.89"	\$111.91



3-1/2" Cylinders

At 100 psi
Thrust 962 lbs
Draw 918 lbs

Item N+A8:D8umber	CYLINDER TYPE	Stroke	Retract Length	Extended Length	Price
VV 100131	3-1/2" AIR CYLINDER	6.68"	13.60"	20.28"	\$130.87
VV 100132	3-1/2" AIR CYLINDER	8.68"	15.60"	24.28"	\$139.69

Air Cylinder Control Valves



Item Number	Valve Description	Price	Item Number	Valve Description	Price	Item Number	Valve Description	Price
VV 320175	2-Position Operates Double Acting Cylinder	\$36.64	VV 320177	Viper Four-Way Valve (3) 1/8" NPT	\$32.14	VV 320178	4-Way Electronic Solenoid Valve	\$86.35
VV 320176	3-Position Holding Type Valve	\$56.79						

LIFT AXLE AND SUSPENSION VALVES

Solenoid Valves

- Solenoid valves allow the driver to operate single or double acting cylinders, lift axles or suspension dump systems electronically
- Constructed with the same materials as Velvac's air accessory valves
- Normal operating pressure 100 psi
- The solenoid valves have a 12-volt power consumption coil that uses only 4.8 watts



Part #	Description	Valve Type	Ports	Air Flow	Applications	Schematic	Price
320185	Spring return valve with 1/8" NPT external pilot	4 Way	3/8" NPT	2.2 Cv	Lift axles or suspension systems		\$94.54
320181	Spring return valve with internal pilot assist	4 Way	3/8" NPT	2.2 Cv	Lift axles or suspension systems		\$97.28
320186	Spring return valve with internal manual override	4 Way	3/8" NPT	2.2 Cv	Lift axles		\$132.79
320189	Spring return valve with air operated external manual override	4 Way	3/8" NPT	2.2 Cv	Lift axles		\$125.22
320190	Push-pull valve with solenoid air pilot return	4 Way	3/8" NPT	2.2 Cv	Single or double acting air cylinders and lift axles		\$125.20

Air-Pilot Valves



Part #	Description	Valve Type	Ports	Air Flow	Applications	Schematic	Price
320191	Air pilot spring return with 1/4" NPT air pilot supply support	3 Way	3/8" NPT	2.2 Cv	Suspension systems		\$61.96
320183	Shuttle air pilot spring return valve	4 Way	3/8" NPT	2.2 Cv	Lift axles		\$73.18
320182	Air pilot spring return valve with 1/8" external pilot port	4 Way	3/8" NPT	2.2 Cv	Lift axles		\$64.89