

DURAVIS

VALVE AUTOMATION www.duravis.com SOLENOID VALVES



DURAVIS Solenoid Valves For Diverse Applications



DURAVIS Reliability

DURAVIS solenoid valves are the engineer's choice for critical applications. In most applications, our valves will see millions of cycles before retrofit or replacement is required.

DURAVIS Design Flexibility

Special machining and assembly, DURAVIS can create solutions for your requirements. We can manufacture a nearly unlimited number of differently configured solenoid valves to meet your needs. Our design flexibility applies not only to the standard units, but also to a wide variety of custom designs including one for your application.



DURAVIS Service

After quality, service is the single most important facet on which DURAVIS has been built. You'll get on-time deliveries with lead times that are the shortest in the industry. SERVICE, at a price that makes you glad you selected DURAVIS.

SOLENOID VALVE CATALOGUE

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DURAVIS | A Brand of USKON



DURAVIS, a brand of USKON Fluid Control Systems, is proud to offer a complete line of general purpose, steam, vacuum, fueloil, compressor and special and custom design solenoid valves and components in a wide variety of materials and configurations to meet broad range of applications;

- Air
- Steam

- Potable Water
- Light Oil

- Water
- Fuel-Oil

- Gases
- Customized Solutions

Our Commitment

While the operation of solenoid valves from one company to another is similar, DURAVIS distinguishes itself with total customer service. From design support in the earliest phases of your project, to just-in-time deliveries to meet your production schedule, DURAVIS works with you as part of your team. So, when making that critical decision, don't just select a valve, select the valve company that will become your partner. Select DURAVIS!



SOLENOID VALVES

- High Performance & Reliability
- Long Lifecycle
- Low Power Consumption
- 360° Rotatable Coil
- Coil Replacement without Disassembly
- PATENTED Armature Technology (maximize the magnetic field)
- PATENTED Pulse Valve Diaphragm (approx. 4 million cycle)

When ordering, please do not forget to specify the coil voltage!

Notes To Users:

- The fluid should be filtered before goes through the solenoid valve. Whether using filter or not, directly has effects on the performance of the valve.
- Assembly in any position is possible, however the most convenient form of assembly recommended is the form in which the coil points upwards.
- Flow Rate(Q) is calculated as a function of pressure, specific gravity and flow coefficient. Please refer to technical catalogue.
- Please note that $\Delta P=0$ at systems closed to atmosphere.

Key Questions To Select The Right Solenoid Valve



- Connection / Size
- Connection Type (Thread, Flange etc.)
- Voltage
- Fluid Type
- Operating Pressure
- Min. Differential Pressure (ΔP)
- Operating Temperature
- Port (2, 3 ways etc.)
- Acting Type (Direct or Pilot Operated)
- Position (Normally Closed or Open)

Typical Applications



- Pumps and Compressors
- Air Pollution Control Equipments
- Steam Heating
- Autoclaves and Air Dryers
- Water Treatment Systems
- Industrial Washing Machines
- Oily, Hot and Dry Air Applications
- Vacuum Processes
- Fuel-oil Applications and Boilers
- Sprayers and Irrigation Systems

Solenoid Valve Selection Wizard

***Minimizing the total-product-cost depends primarily on the correctness of the product selection.**

Have you ever try DURAVIS Solenoid Valve Selection Wizard?

Please scan the QR code or go to the link

("www.us-kon.com.tr/en/eproductchoice.aspx"), to open the our product selection wizard.



DURAVIS Direct Operated General Purpose Solenoid Valve, ESV 100-101 Series, 2/2, N.C-N.O, 0-16 Bar, 1/8"...1/4"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Temperature: -10 °C ... +80°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC vb.

When ordering, please do not forget to specify the coil voltage!

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 100-00-018	N.C	1/8"	1,8	0	16	NBR
ESV 100-00-025	N.C	1/8"	2,5	0	12	NBR
ESV 100-00-030	N.C	1/8"	3	0	10	NBR
ESV 100-00-040	N.C	1/8"	4	0	9	NBR
ESV 100-00-045	N.C	1/8"	4,5	0	8	NBR
ESV 100-00-050	N.C	1/8"	5	0	7	NBR
ESV 100-00-060	N.C	1/8"	6	0	5	NBR
ESV 100-01-018	N.C	1/4"	1,8	0	16	NBR
ESV 100-01-025	N.C	1/4"	2,5	0	12	NBR
ESV 100-01-030	N.C	1/4"	3	0	10	NBR
ESV 100-01-040	N.C	1/4"	4	0	9	NBR
ESV 100-01-045	N.C	1/4"	4,5	0	8	NBR
ESV 100-01-050	N.C	1/4"	5	0	7	NBR
ESV 100-01-060	N.C	1/4"	6	0	5	NBR
ESV 101-00-018	N.O	1/8"	1,8	0	12	NBR
ESV 101-00-025	N.O	1/8"	2,5	0	10	NBR
ESV 101-01-018	N.O	1/4"	1,8	0	12	NBR
ESV 101-01-025	N.O	1/4"	2,5	0	10	NBR

DURAVIS Direct Operated General Purpose Solenoid Valve, ESV 120-121 Series, 2/2, N.C-N.O, 0-10 Bar, 3/8"...1"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Temperature: -10 °C ... +80°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC vb.

When ordering, please do not forget to specify the coil voltage!

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 120-02-050	N.C	3/8"	5	0	7	NBR
ESV 120-02-060	N.C	3/8"	6	0	6	NBR
ESV 120-02-070	N.C	3/8"	7	0	5	NBR
ESV 120-02-080	N.C	3/8"	8	0	3	NBR
ESV 120-02-090	N.C	3/8"	9	0	2	NBR
ESV 120-02-100	N.C	3/8"	10	0	1	NBR
ESV 120-03-050	N.C	1/2"	5	0	7	NBR
ESV 120-03-060	N.C	1/2"	6	0	6	NBR
ESV 120-03-070	N.C	1/2"	7	0	5	NBR
ESV 120-03-080	N.C	1/2"	8	0	3	NBR
ESV 120-03-090	N.C	1/2"	9	0	2	NBR
ESV 120-03-100	N.C	1/2"	10	0	1	NBR
ESV 120-04-050	N.C	3/4"	5	0	7	NBR
ESV 120-04-060	N.C	3/4"	6	0	6	NBR
ESV 120-04-070	N.C	3/4"	7	0	5	NBR
ESV 120-04-080	N.C	3/4"	8	0	3	NBR
ESV 120-04-090	N.C	3/4"	9	0	2	NBR
ESV 120-04-100	N.C	3/4"	10	0	1	NBR
ESV 120-05-050	N.C	1"	5	0	7	NBR
ESV 120-05-060	N.C	1"	6	0	6	NBR
ESV 120-05-070	N.C	1"	7	0	5	NBR
ESV 120-05-080	N.C	1"	8	0	3	NBR
ESV 120-05-090	N.C	1"	9	0	2	NBR
ESV 120-05-100	N.C	1"	10	0	1	NBR
ESV 121-02-025	N.O	3/8"	2,5	0	10	NBR
ESV 121-03-025	N.O	1/2"	2,5	0	10	NBR
ESV 121-04-025	N.O	3/4"	2,5	0	10	NBR
ESV 121-05-025	N.O	1"	2,5	0	10	NBR

DURAVIS High Pres. Direct Operated General Purpose Solenoid Valve, ESV 103 Series, 2/2, N.C, 0-100 Bar, 1/8" ...1/4"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 103-00-010	N.C	1/8"	1	0	100	NBR
ESV 103-00-018	N.C	1/8"	1,8	0	50	NBR
ESV 103-00-025	N.C	1/8"	2,5	0	20	NBR
ESV 103-01-010	N.C	1/4"	1	0	100	NBR
ESV 103-01-018	N.C	1/4"	1,8	0	50	NBR
ESV 103-01-025	N.C	1/4"	2,5	0	20	NBR

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated General Purpose Solenoid Valve, ESV 106-107-108 Series, 3/2, N.C-N.O, 0-16 bar, 1/8" ...1/4"

3/2 Way



Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 106-00-010	N.C	1/8"	1	0	16	NBR
ESV 106-00-018	N.C	1/8"	1,8	0	10	NBR
ESV 106-00-025	N.C	1/8"	2,5	0	6	NBR
ESV 106-01-010	N.C	1/4"	1	0	16	NBR
ESV 106-01-018	N.C	1/4"	1,8	0	10	NBR
ESV 106-01-025	N.C	1/4"	2,5	0	6	NBR
ESV 107-00-010	N.O	1/4"	1	0	6	NBR
ESV 107-01-010	N.O	1/4"	1	0	6	NBR

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Genel Purpose Solenoid Valve, ESV 100-101-183 Series, 2/2, N.C-N.O, 0,35-16 bar, 1/8" ...3"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Temperature: -10 °C ... +80°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC vb.

When ordering, please do not forget to specify the coil voltage!

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 100-02	N.C	3/8"	12	0,35	16	NBR
ESV 100-03	N.C	1/2"	15	0,35	16	NBR
ESV 100-04	N.C	3/4"	20	0,35	16	NBR
ESV 100-05	N.C	1"	25	0,35	16	NBR
ESV 100-06	N.C	1 1/4"	32	0,5	12	NBR
ESV 100-07	N.C	1 1/2"	40	0,5	12	NBR
ESV 100-08	N.C	2"	50	0,5	12	NBR
ESV 100-09	N.C	2 1/2"	72,8	1	6	NBR
ESV 100-10	N.C	3"	85,4	1	6	NBR
ESV 183-09	N.C	2 1/2"	72,8	1,5	16	NBR
ESV 183-10	N.C	3"	85,4	1,5	16	NBR
ESV 101-02	N.O	3/8"	12	0,35	12	NBR
ESV 101-03	N.O	1/2"	15	0,35	12	NBR
ESV 101-04	N.O	3/4"	20	0,35	12	NBR
ESV 101-05	N.O	1"	25	0,35	12	NBR
ESV 101-06	N.O	1 1/4"	32	0,5	10	NBR
ESV 101-07	N.O	1 1/2"	40	0,5	10	NBR
ESV 101-08	N.O	2"	50	0,5	10	NBR
ESV 100-00-120	N.C	1/8"	12	0,35	16	NBR
ESV 100-01-120	N.C	1/4"	12	0,35	16	NBR
ESV 101-00-120	N.O	1/8"	12	0,35	12	NBR
ESV 101-01-120	N.O	1/4"	12	0,35	12	NBR

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pres. Pilot Operated General Purpose Solenoid Valve, ESV 103-104 Series, 2/2, N.C-N.O, 1-40bar, 1/8" ...1"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Model	Position	Connection Sizes	Orifice Sizes	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 103-02	N.C	3/8"	12	1	40	PTFE
ESV 103-03	N.C	1/2"	15	1	40	PTFE
ESV 103-04	N.C	3/4"	20	1	40	PTFE
ESV 103-05	N.C	1"	25	1	40	PTFE
ESV 104-02	N.O	3/8"	12	1	40	PTFE
ESV 104-03	N.O	1/2"	15	1	40	PTFE
ESV 104-04	N.O	3/4"	20	1	40	PTFE
ESV 104-05	N.O	1"	25	1	40	PTFE
ESV 103-00-120	N.C	1/8"	12	1	40	PTFE
ESV 103-01-120	N.C	1/4"	12	1	40	PTFE
ESV 104-00-120	N.O	1/8"	12	1	40	PTFE
ESV 104-01-120	N.O	1/4"	12	1	40	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS ΔP>150 mbar Pilot Operated General Purp. Solenoid Valve, ESV 110-111 Series, 2/2, N.C-N.O, 0,15-16 bar, 1/8" ...2"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Temperature: -10 °C ... +80°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC vb.

ΔP > 150 mbar

**AC/DC= 10/6 ; AC/DC= 5/3*

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 110-02	N.C	3/8"	12	0,15	10	NBR
ESV 110-03	N.C	1/2"	15	0,15	10	NBR
ESV 110-04	N.C	3/4"	20	0,15	10	NBR
ESV 110-05	N.C	1"	25	0,15	10	NBR
ESV 110-06	N.C	1 1/4"	35	0,15	10/6*	VITON
ESV 110-07	N.C	1 1/2"	40	0,15	10/6*	VITON
ESV 110-08	N.C	2"	50	0,15	10/6*	VITON
ESV 111-02	N.O	3/8"	12	0,15	6	NBR
ESV 111-03	N.O	1/2"	15	0,15	6	NBR
ESV 111-04	N.O	3/4"	20	0,15	6	NBR
ESV 111-05	N.O	1"	25	0,15	6	NBR
ESV 110-00-120	N.C	1/8"	12	0,15	10	NBR
ESV 110-01-120	N.C	1/4"	12	0,15	10	NBR
ESV 111-00-120	N.O	1/8"	12	0,15	6	NBR
ESV 111-01-120	N.O	1/4"	12	0,15	6	NBR

When ordering, please do not forget to specify the coil voltage!

DURAVIS Flanged Pilot Operated Genel Purpose Solenoid Valve, ESV 179-181 Series, 2/2, N.C-N.O, 1-16bar, DN80...DN200



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert gases etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 179-10	N.C	DN 80	80	1	6	NBR
ESV 179-12	N.C	DN 100	100	1	6	NBR
ESV 179-14	N.C	DN 150	150	1	6	NBR
ESV 179-15	N.C	DN 200	200	1	6	NBR
ESV 181-10	N.C	DN 80	80	1,5	16	NBR
ESV 181-12	N.C	DN 100	100	1,5	16	NBR
ESV 181-14	N.C	DN 150	150	1,5	16	NBR
ESV 181-15	N.C	DN 200	200	1,5	16	NBR

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Steam Solenoid Valve, ESV 200-201 Series, 2/2, N.C-N.O, 0-5 bar, 1/8" ...1/4"



Application:

Steam, Hot water, Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 200-00-018	N.C	1/8"	1,8	0	5	VITON
ESV 200-00-025	N.C	1/8"	2,5	0	5	VITON
ESV 200-00-030	N.C	1/8"	3	0	5	VITON
ESV 200-00-040	N.C	1/8"	4	0	5	VITON
ESV 200-00-045	N.C	1/8"	4,5	0	5	VITON
ESV 200-00-050	N.C	1/8"	5	0	5	VITON
ESV 200-00-060	N.C	1/8"	6	0	5	VITON
ESV 200-01-018	N.C	1/4"	1,8	0	5	VITON
ESV 200-01-025	N.C	1/4"	2,5	0	5	VITON
ESV 200-01-030	N.C	1/4"	3	0	5	VITON
ESV 200-01-040	N.C	1/4"	4	0	5	VITON
ESV 200-01-045	N.C	1/4"	4,5	0	5	VITON
ESV 200-01-050	N.C	1/4"	5	0	5	VITON
ESV 200-01-060	N.C	1/4"	6	0	5	VITON
ESV 201-00-018	N.O	1/8"	1,8	0	5	VITON
ESV 201-00-025	N.O	1/8"	2,5	0	5	VITON
ESV 201-01-018	N.O	1/4"	1,8	0	5	VITON
ESV 201-01-025	N.O	1/4"	2,5	0	5	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Cooling Neck Direct Operated Steam Solenoid Valve, ESV 275-276 Series, 2/2, N.C-N.O, 0-5 bar, 3/8" ...1"



Application:

Steam, Hot water, Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 275-02-050	N.C	3/8"	5	0	5	VITON
ESV 275-02-060	N.C	3/8"	6	0	5	VITON
ESV 275-02-070	N.C	3/8"	7	0	5	VITON
ESV 275-03-050	N.C	1/2"	5	0	5	VITON
ESV 275-03-060	N.C	1/2"	6	0	5	VITON
ESV 275-03-070	N.C	1/2"	7	0	5	VITON
ESV 275-04-050	N.C	3/4"	5	0	5	VITON
ESV 275-04-060	N.C	3/4"	6	0	5	VITON
ESV 275-04-070	N.C	3/4"	7	0	5	VITON
ESV 275-05-050	N.C	1"	5	0	5	VITON
ESV 275-05-060	N.C	1"	6	0	5	VITON
ESV 275-05-070	N.C	1"	7	0	5	VITON
ESV 276-02-025	N.O	3/8"	2,5	0	5	VITON
ESV 276-03-025	N.O	1/2"	2,5	0	5	VITON
ESV 276-04-025	N.O	3/4"	2,5	0	5	VITON
ESV 276-05-025	N.O	1"	2,5	0	5	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Steam Solenoid Valve, ESV 200-201 Series, 2/2, N.C-N.O, 0,35-5bar, 1/8"...2"



Application:

Steam, Hot water, Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 200-02	N.C	3/8"	12	0,35	5	PTFE
ESV 200-03	N.C	1/2"	15	0,35	5	PTFE
ESV 200-04	N.C	3/4"	20	0,35	5	PTFE
ESV 200-05	N.C	1"	25	0,35	5	PTFE
ESV 200-06	N.C	1 1/4"	32	0,5	3	EPDM
ESV 200-07	N.C	1 1/2"	40	0,5	3	EPDM
ESV 200-08	N.C	2"	50	0,5	3	EPDM
ESV 201-02	N.O	3/8"	12	0,35	5	PTFE
ESV 201-03	N.O	1/2"	15	0,35	5	PTFE
ESV 201-04	N.O	3/4"	20	0,35	5	PTFE
ESV 201-05	N.O	1"	25	0,35	5	PTFE
ESV 201-06	N.O	1 1/4"	32	0,5	3	EPDM
ESV 201-07	N.O	1 1/2"	40	0,5	3	EPDM
ESV 201-08	N.O	2"	50	0,5	3	EPDM
ESV 200-00-120	N.C	1/8"	12	0,35	5	PTFE
ESV 200-01-120	N.C	1/4"	12	0,35	5	PTFE
ESV 201-00-120	N.O	1/8"	12	0,35	5	PTFE
ESV 201-01-120	N.O	1/4"	12	0,35	5	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pressure Piston Operated Steam Solenoid Valve, ESV 203-204 Series, 2/2, N.C-N.O, 1-10 bar, 1/8"...1"



Application:

Steam, Hot water, Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 203-02	N.C	3/8"	12	1	10	PTFE
ESV 203-03	N.C	1/2"	15	1	10	PTFE
ESV 203-04	N.C	3/4"	20	1	10	PTFE
ESV 203-05	N.C	1"	25	1	10	PTFE
ESV 204-02	N.O	3/8"	12	1	10	PTFE
ESV 204-03	N.O	1/2"	15	1	10	PTFE
ESV 204-04	N.O	3/4"	20	1	10	PTFE
ESV 204-05	N.O	1"	25	1	10	PTFE
ESV 203-00-120	N.C	1/8"	12	1	10	PTFE
ESV 203-01-120	N.C	1/4"	12	1	10	PTFE
ESV 204-00-120	N.O	1/8"	12	1	10	PTFE
ESV 204-01-120	N.O	1/4"	12	1	10	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Cooling Neck Pilot Operated Steam Solenoid Valve, ESV 295-296 Series, 2/2, N.C-N.O, 0,35-5 bar, 1/8" ...2"



Application:

Steam, Hot water, Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 295-02	N.C	3/8"	12	0,35	5	PTFE
ESV 295-03	N.C	1/2"	15	0,35	5	PTFE
ESV 295-04	N.C	3/4"	20	0,35	5	PTFE
ESV 295-05	N.C	1"	25	0,35	5	PTFE
ESV 295-06	N.C	1 1/4"	32	0,5	3	EPDM
ESV 295-07	N.C	1 1/2"	40	0,5	3	EPDM
ESV 295-08	N.C	2"	50	0,5	3	EPDM
ESV 296-02	N.O	3/8"	12	0,35	5	PTFE
ESV 296-03	N.O	1/2"	15	0,35	5	PTFE
ESV 296-04	N.O	3/4"	20	0,35	5	PTFE
ESV 296-05	N.O	1"	25	0,35	5	PTFE
ESV 296-06	N.O	1 1/4"	32	0,5	3	EPDM
ESV 296-07	N.O	1 1/2"	40	0,5	3	EPDM
ESV 296-08	N.O	2"	50	0,5	3	EPDM
ESV 295-00-120	N.C	1/8"	12	0,35	5	PTFE
ESV 295-01-120	N.C	1/4"	12	0,35	5	PTFE
ESV 296-00-120	N.O	1/8"	12	0,35	5	PTFE
ESV 296-01-120	N.O	1/4"	12	0,35	5	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS ΔP>150 mbar Pilot Operated Steam Solenoid Valve, ESV 210-211 Series, 2/2, N.C-N.O, 0,15-5 bar, 1/8" ...1"



Application:

Steam, Hot water, Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 210-02	N.C	3/8"	12	0,15	5	PTFE
ESV 210-03	N.C	1/2"	15	0,15	5	PTFE
ESV 210-04	N.C	3/4"	20	0,15	5	PTFE
ESV 210-05	N.C	1"	25	0,15	5	PTFE
ESV 211-02	N.O	3/8"	12	0,15	5	PTFE
ESV 211-03	N.O	1/2"	15	0,15	5	PTFE
ESV 211-04	N.O	3/4"	20	0,15	5	PTFE
ESV 211-05	N.O	1"	25	0,15	5	PTFE
ESV 210-00-120	N.C	1/8"	12	0,15	5	PTFE
ESV 210-01-120	N.C	1/4"	12	0,15	5	PTFE
ESV 211-00-120	N.O	1/8"	12	0,15	5	PTFE
ESV 211-01-120	N.O	1/4"	12	0,15	5	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Vacuum Solenoid Valve, ESV 300 Series, 2/2, N.C, (-1)-3 bar, 1/8" ...1"



Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 300-00-040	N.C	1/8"	4	-1	3	NBR
ESV 300-01-040	N.C	1/4"	4	-1	3	NBR
ESV 300-02-040	N.C	3/8"	4	-1	3	NBR
ESV 300-03-040	N.C	1/2"	4	-1	3	NBR
ESV 300-04-040	N.C	3/4"	4	-1	3	NBR
ESV 300-05-040	N.C	1"	4	-1	3	NBR

When ordering, please do not forget to specify the coil voltage!

Application:

Air, Gas and Vacuum lines etc.

Temperature: -10 °C ... +80°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

DURAVIS Pilot Operated Vacuum Solenoid Valve, ESV 300 Series, 2/2, N.C, (-1)-3 bar, 1/8" ...1"



Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 300-02	N.C	3/8"	12	-1	3	NBR
ESV 300-03	N.C	1/2"	15	-1	3	NBR
ESV 300-04	N.C	3/4"	20	-1	3	NBR
ESV 300-05	N.C	1"	25	-1	3	NBR
ESV 300-00-120	N.C	1/8"	12	-1	3	NBR
ESV 300-01-120	N.C	1/4"	12	-1	3	NBR

When ordering, please do not forget to specify the coil voltage!

Application:

Air, Gas and Vacuum lines etc.

Temperature: -10 °C ... +80°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

DURAVIS Direct Operated Fuel-Oil Solenoid Valve, ESV 400-401 Series, 2/2, N.C-N.O, 0-50 bar, 1/8"...1/4"



Application:

Fuel-oil, Hot water, Hydraulic oils,
Low viscosity oils, Non-aggressive
liquids etc.

Temperature: -10 °C ... +160°C

Voltaj: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 400-00-018	N.C	1/8"	1,8	0	50	VITON
ESV 400-00-025	N.C	1/8"	2,5	0	30	VITON
ESV 400-00-030	N.C	1/8"	3	0	20	VITON
ESV 400-01-018	N.C	1/4"	1,8	0	50	VITON
ESV 400-01-025	N.C	1/4"	2,5	0	30	VITON
ESV 400-01-030	N.C	1/4"	3	0	20	VITON
ESV 401-00-018	N.O	1/8"	1,8	0	50	RUBY
ESV 401-00-025	N.O	1/8"	2,5	0	30	RUBY
ESV 401-00-030	N.O	1/8"	3	0	20	RUBY
ESV 401-01-018	N.O	1/4"	1,8	0	50	RUBY
ESV 401-01-025	N.O	1/4"	2,5	0	30	RUBY
ESV 401-01-030	N.O	1/4"	3	0	20	RUBY

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pres. Direct Operated Fuel-Oil Solenoid Valve, ESV 403 Series, 2/2, N.C, 0-100 bar, 1/8"...1/4"



Application:

Fuel-oil, Hot water, Hydraulic oils,
Low viscosity oils, Non-aggressive
liquids etc.

Temperature: -10 °C ... +160°C

Voltaj: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 403-00-010	N.C	1/8"	1	0	100	VITON
ESV 403-00-018	N.C	1/8"	1,8	0	50	VITON
ESV 403-00-025	N.C	1/8"	2,5	0	20	VITON
ESV 403-01-010	N.C	1/4"	1	0	100	VITON
ESV 403-01-018	N.C	1/4"	1,8	0	50	VITON
ESV 403-01-025	N.C	1/4"	2,5	0	20	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pres. Direct Operated Fuel-Oil Solenoid Valve, ESV 406 Series, 3/2, N.C, 0-30bar, 1/8"...1/4"



Application:

Fuel-oil, Hot water, Hydraulic oils,
Low viscosity oils, Non-aggressive
liquids etc.

Temperature: -10 °C ... +160°C

Voltaj: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 406-00-025	N.C	1/8"	2,5	0	30	VITON
ESV 406-01-025	N.C	1/4"	2,5	0	30	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Fuel-Oil Solenoid Valve, ESV 400-401 Series, 2/2, N.C-N.O, 0,35-16 bar, 1/8" ...2"



Application:

Fuel-oil, Hot water, Hydraulic oils,
Low viscosity oils, Non-aggressive
liquids etc.

Temperature: -10 °C ... +160°C

Voltaj: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 400-02	N.C	3/8"	12	0,35	16	VITON
ESV 400-03	N.C	1/2"	15	0,35	16	VITON
ESV 400-04	N.C	3/4"	20	0,35	16	VITON
ESV 400-05	N.C	1"	25	0,35	16	VITON
ESV 400-06	N.C	1 1/4"	32	0,5	12	VITON
ESV 400-07	N.C	1 1/2"	40	0,5	12	VITON
ESV 400-08	N.C	2"	50	0,5	12	VITON
ESV 401-02	N.O	3/8"	12	0,35	12	VITON
ESV 401-03	N.O	1/2"	15	0,35	12	VITON
ESV 401-04	N.O	3/4"	20	0,35	12	VITON
ESV 401-05	N.O	1"	25	0,35	12	VITON
ESV 401-06	N.O	1 1/4"	32	0,5	10	VITON
ESV 401-07	N.O	1 1/2"	40	0,5	10	VITON
ESV 401-08	N.O	2"	50	0,5	10	VITON
ESV 400-00-120	N.C	1/8"	12	0,35	16	VITON
ESV 400-01-120	N.C	1/4"	12	0,35	16	VITON
ESV 401-00-120	N.O	1/8"	12	0,35	12	VITON
ESV 401-01-120	N.O	1/4"	12	0,35	12	VITON

DURAVIS High Pressure Piston Operated Fuel-Oil Solenoid Valve, ESV 403-404 Series, 2/2, N.C-N.O, 1-40 bar, 1/8" ...1"



Application:

Fuel-oil, Hot water, Hydraulic oils,
Low viscosity oils, Non-aggressive
liquids etc.

Temperature: -10 °C ... +160°C

Voltaj: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 403-02	N.C	3/8"	12	1	40	PTFE
ESV 403-03	N.C	1/2"	15	1	40	PTFE
ESV 403-04	N.C	3/4"	20	1	40	PTFE
ESV 403-05	N.C	1"	25	1	40	PTFE
ESV 404-02	N.O	3/8"	12	1	40	PTFE
ESV 404-03	N.O	1/2"	15	1	40	PTFE
ESV 404-04	N.O	3/4"	20	1	40	PTFE
ESV 404-05	N.O	1"	25	1	40	PTFE
ESV 403-00-120	N.C	1/8"	12	1	40	PTFE
ESV 403-01-120	N.C	1/4"	12	1	40	PTFE
ESV 404-00-120	N.O	1/8"	12	1	40	PTFE
ESV 404-01-120	N.O	1/4"	12	1	40	PTFE

DURAVIS ΔP>150 mbar Pilot Oper. Fuel-Oil Solenoid Valve, ESV 410-411 Series, 2/2, N.C-N.O, 0,15-10 bar, 1/8" ...1"



Application:

Fuel-oil, Hot water, Hydraulic oils,
Low viscosity oils, Non-aggressive
liquids etc.

Temperature: -10 °C ... +160°C

Voltaj: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 410-02	N.C	3/8"	12	0,15	10	VITON
ESV 410-03	N.C	1/2"	15	0,15	10	VITON
ESV 410-04	N.C	3/4"	20	0,15	10	VITON
ESV 410-05	N.C	1"	25	0,15	10	VITON
ESV 411-02	N.O	3/8"	12	0,15	6	VITON
ESV 411-03	N.O	1/2"	15	0,15	6	VITON
ESV 411-04	N.O	3/4"	20	0,15	6	VITON
ESV 411-05	N.O	1"	25	0,15	6	VITON
ESV 410-00-120	N.C	1/8"	12	0,15	10	VITON
ESV 410-01-120	N.C	1/4"	12	0,15	10	VITON
ESV 411-00-120	N.O	1/8"	12	0,15	6	VITON
ESV 411-01-120	N.O	1/4"	12	0,15	6	VITON

DURAVIS Direct Operated Compressor Solenoid Valve, ESV 500-501 Series, 2/2, N.C-N.O, 0-16 bar, 1/8" ...1/4"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC vb.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 500-00-018	N.C	1/8"	1,8	0	16	VITON
ESV 500-00-025	N.C	1/8"	2,5	0	12	VITON
ESV 500-00-030	N.C	1/8"	3	0	10	VITON
ESV 500-00-040	N.C	1/8"	4	0	9	VITON
ESV 500-00-045	N.C	1/8"	4,5	0	8	VITON
ESV 500-01-018	N.C	1/4"	1,8	0	16	VITON
ESV 500-01-025	N.C	1/4"	2,5	0	12	VITON
ESV 500-01-030	N.C	1/4"	3	0	10	VITON
ESV 500-01-040	N.C	1/4"	4	0	9	VITON
ESV 500-01-045	N.C	1/4"	4,5	0	8	VITON
ESV 501-00-018	N.O	1/8"	1,8	0	12	VITON
ESV 501-00-025	N.O	1/8"	2,5	0	10	VITON
ESV 501-01-018	N.O	1/4"	1,8	0	12	VITON
ESV 501-01-025	N.O	1/4"	2,5	0	10	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pressure Direct Operated Compressor Solenoid Valve, ESV 503 Series, 2/2, N.C, 0-100 bar, 1/8" ...1/4"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 503-00-010	N.C	1/8"	1	0	100	VITON
ESV 503-00-018	N.C	1/8"	1,8	0	50	VITON
ESV 503-00-025	N.C	1/8"	2,5	0	20	VITON
ESV 503-01-010	N.C	1/4"	1	0	100	VITON
ESV 503-01-018	N.C	1/4"	1,8	0	50	VITON
ESV 503-01-025	N.C	1/4"	2,5	0	20	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Compressor Solenoid Valve, ESV 520-521 Series, 2/2, N.C-N.O, 0-10 bar, 3/8" ...1"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 520-02-050	N.C	3/8"	5	0	7	VITON
ESV 520-02-060	N.C	3/8"	6	0	6	VITON
ESV 520-02-070	N.C	3/8"	7	0	5	VITON
ESV 520-02-080	N.C	3/8"	8	0	3	VITON
ESV 520-02-090	N.C	3/8"	9	0	2	VITON
ESV 520-02-100	N.C	3/8"	10	0	1	VITON
ESV 520-03-050	N.C	1/2"	5	0	7	VITON
ESV 520-03-060	N.C	1/2"	6	0	6	VITON
ESV 520-03-070	N.C	1/2"	7	0	5	VITON
ESV 520-03-080	N.C	1/2"	8	0	3	VITON
ESV 520-03-090	N.C	1/2"	9	0	2	VITON
ESV 520-03-100	N.C	1/2"	10	0	1	VITON
ESV 520-04-050	N.C	3/4"	5	0	7	VITON
ESV 520-04-060	N.C	3/4"	6	0	6	VITON
ESV 520-04-070	N.C	3/4"	7	0	5	VITON
ESV 520-04-080	N.C	3/4"	8	0	3	VITON

ESV 520-04-090	N.C	3/4"	9	0	2	VITON
ESV 520-04-100	N.C	3/4"	10	0	1	VITON
ESV 520-05-050	N.C	1"	5	0	7	VITON
ESV 520-05-060	N.C	1"	6	0	6	VITON
ESV 520-05-070	N.C	1"	7	0	5	VITON
ESV 520-05-080	N.C	1"	8	0	3	VITON
ESV 520-05-090	N.C	1"	9	0	2	VITON
ESV 520-05-100	N.C	1"	10	0	1	VITON
ESV 521-02-018	N.O	3/8"	1,8	0	12	VITON
ESV 521-02-025	N.O	3/8"	2,5	0	10	VITON
ESV 521-03-018	N.O	1/2"	1,8	0	12	VITON
ESV 521-03-025	N.O	1/2"	2,5	0	10	VITON
ESV 521-04-018	N.O	3/4"	1,8	0	12	VITON
ESV 521-04-025	N.O	3/4"	2,5	0	10	VITON
ESV 521-05-018	N.O	1"	1,8	0	12	VITON
ESV 521-05-025	N.O	1"	2,5	0	10	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Compressor Solenoid Valve, ESV 506 Series, 3/2 Way, N.C, 0-16 bar, 1/8" ...1/4"

3/2 Way



Application:
Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

Temperature: -10 °C ... +160°C
Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 506-00-010	N.C	1/8"	1	0	16	VITON
ESV 506-00-018	N.C	1/8"	1,8	0	10	VITON
ESV 506-00-025	N.C	1/8"	2,5	0	6	VITON
ESV 506-01-010	N.C	1/4"	1	0	16	VITON
ESV 506-01-018	N.C	1/4"	1,8	0	10	VITON
ESV 506-01-025	N.C	1/4"	2,5	0	6	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Compressor Solenoid Valve, ESV 500-501 Series, 2/2, N.C-N.O, 0,5-16 bar, 1/8" ...1"



Application:
Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

Temperature: -10 °C ... +160°C
Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 500-02	N.C	3/8"	12	0,5	16	VITON
ESV 500-03	N.C	1/2"	15	0,5	16	VITON
ESV 500-04	N.C	3/4"	20	0,5	16	VITON
ESV 500-05	N.C	1"	25	0,5	16	VITON
ESV 501-02	N.O	3/8"	12	0,5	12	VITON
ESV 501-03	N.O	1/2"	15	0,5	12	VITON
ESV 501-04	N.O	3/4"	20	0,5	12	VITON
ESV 501-05	N.O	1"	25	0,5	12	VITON
ESV 500-00-120	N.C	1/8"	12	0,5	16	VITON
ESV 500-01-120	N.C	1/4"	12	0,5	16	VITON
ESV 501-00-120	N.O	1/8"	12	0,5	12	VITON
ESV 501-01-120	N.O	1/4"	12	0,5	12	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pres. Piston Operated Compressor Solenoid Valve, ESV 503-504 Series, 2/2, N.C-N.O, 1-40 bar, 1/8" ...1"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 503-02	N.C	3/8"	12	1	40	PTFE
ESV 503-03	N.C	1/2"	15	1	40	PTFE
ESV 503-04	N.C	3/4"	20	1	40	PTFE
ESV 503-05	N.C	1"	25	1	40	PTFE
ESV 504-02	N.O	3/8"	12	1	40	PTFE
ESV 504-03	N.O	1/2"	15	1	40	PTFE
ESV 504-04	N.O	3/4"	20	1	40	PTFE
ESV 504-05	N.O	1"	25	1	40	PTFE
ESV 503-00-120	N.C	1/8"	12	1	40	PTFE
ESV 503-01-120	N.C	1/4"	12	1	40	PTFE
ESV 504-00-120	N.O	1/8"	12	1	40	PTFE
ESV 504-01-120	N.O	1/4"	12	1	40	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pressure Piston Operated Compressor Solenoid Valve, ESV 505 Series, 3/2, N.O, 1-40 bar, 1/8" ...1"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

(3/2 Way)

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 505-02	N.O	3/8"	12	1	40	PTFE
ESV 505-03	N.O	1/2"	15	1	40	PTFE
ESV 505-04	N.O	3/4"	20	1	40	PTFE
ESV 505-05	N.O	1"	25	1	40	PTFE
ESV 505-00-120	N.O	1/8"	12	1	40	PTFE
ESV 505-01-120	N.O	1/4"	12	1	40	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Compressor Solenoid Valve, ESV 507 Series, 3/2Way, N.O, 0,5-16 bar, 1/8" ...1"



Application:

Water, Low viscosity oils, Non-aggressive liquids, Air and Inert Gases etc.

(3/2 Way)

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 507-02	N.O	3/8"	12	0,5	16	VITON
ESV 507-03	N.O	1/2"	15	0,5	16	VITON
ESV 507-04	N.O	3/4"	20	0,5	16	VITON
ESV 507-05	N.O	1"	25	0,5	16	VITON
ESV 507-00-120	N.O	1/8"	12	0,5	16	VITON
ESV 507-01-120	N.O	1/4"	12	0,5	16	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Stainless Steel Solenoid Valve, ESV 600-601 Series, 2/2, N.C-N.O, 0-16 bar, 1/8" ...1/4"



Application:

Air, Water, Gases and Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 600-00-018	N.C	1/8"	1,8	0	16	PTFE
ESV 600-00-025	N.C	1/8"	2,5	0	12	PTFE
ESV 600-00-030	N.C	1/8"	3	0	10	PTFE
ESV 600-00-040	N.C	1/8"	4	0	9	PTFE
ESV 600-00-045	N.C	1/8"	4,5	0	8	PTFE
ESV 600-00-050	N.C	1/8"	5	0	7	PTFE
ESV 600-00-060	N.C	1/8"	6	0	5	PTFE
ESV 600-01-018	N.C	1/4"	1,8	0	16	PTFE
ESV 600-01-025	N.C	1/4"	2,5	0	12	PTFE
ESV 600-01-030	N.C	1/4"	3	0	10	PTFE
ESV 600-01-040	N.C	1/4"	4	0	9	PTFE
ESV 600-01-045	N.C	1/4"	4,5	0	8	PTFE
ESV 600-01-050	N.C	1/4"	5	0	7	PTFE
ESV 600-01-060	N.C	1/4"	6	0	5	PTFE
ESV 601-00-018	N.O	1/8"	1,8	0	12	PTFE
ESV 601-00-025	N.O	1/8"	2,5	0	10	PTFE
ESV 601-01-018	N.O	1/4"	1,8	0	12	PTFE
ESV 601-01-025	N.O	1/4"	2,5	0	10	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS High Pressure Direct Operated Stainless Steel Solenoid Valve, ESV 603 Series, 2/2, N.C, 0-100 bar, 1/8" ...1/4"



Application:

Air, Water, Gases and Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 603-00-010	N.C	1/8"	1	0	100	PTFE
ESV 603-00-018	N.C	1/8"	1,8	0	50	PTFE
ESV 603-00-025	N.C	1/8"	2,5	0	20	PTFE
ESV 603-01-010	N.C	1/4"	1	0	100	PTFE
ESV 603-01-018	N.C	1/4"	1,8	0	50	PTFE
ESV 603-01-025	N.C	1/4"	2,5	0	20	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Stainless Steel Solenoid Valve, ESV 620-621 Series, 2/2, N.C-N.O, 0-10 bar, 3/8" ...1"



Application:

Air, Water, Gases and Non-aggressive liquids etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 620-02-050	N.C	3/8"	5	0	7	PTFE
ESV 620-02-060	N.C	3/8"	6	0	6	PTFE
ESV 620-02-070	N.C	3/8"	7	0	5	PTFE
ESV 620-02-080	N.C	3/8"	8	0	3	PTFE
ESV 620-02-090	N.C	3/8"	9	0	2	PTFE
ESV 620-02-100	N.C	3/8"	10	0	1	PTFE
ESV 620-03-050	N.C	1/2"	5	0	7	PTFE
ESV 620-03-060	N.C	1/2"	6	0	6	PTFE
ESV 620-03-070	N.C	1/2"	7	0	5	PTFE

Temperature: -10 °C ... +160°C
Voltage: 220/110/24/12 VAC,
24/12/110 VDC etc.

ESV 620-03-080	N.C	1/2"	8	0	3	PTFE
ESV 620-03-090	N.C	1/2"	9	0	2	PTFE
ESV 620-03-100	N.C	1/2"	10	0	1	PTFE
ESV 620-04-050	N.C	3/4"	5	0	7	PTFE
ESV 620-04-060	N.C	3/4"	6	0	6	PTFE
ESV 620-04-070	N.C	3/4"	7	0	5	PTFE
ESV 620-04-080	N.C	3/4"	8	0	3	PTFE
ESV 620-04-090	N.C	3/4"	9	0	2	PTFE
ESV 620-04-100	N.C	3/4"	10	0	1	PTFE
ESV 620-05-050	N.C	1"	5	0	7	PTFE
ESV 620-05-060	N.C	1"	6	0	6	PTFE
ESV 620-05-070	N.C	1"	7	0	5	PTFE
ESV 620-05-080	N.C	1"	8	0	3	PTFE
ESV 620-05-090	N.C	1"	9	0	2	PTFE
ESV 620-05-100	N.C	1"	10	0	1	PTFE
ESV 621-02-025	N.O	3/8"	2,5	0	10	PTFE
ESV 621-03-025	N.O	1/2"	2,5	0	10	PTFE
ESV 621-04-025	N.O	3/4"	2,5	0	10	PTFE
ESV 621-05-025	N.O	1"	2,5	0	10	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Direct Operated Stainless Steel Solenoid Valve, ESV 606 Series, 3/2Way, N.C, 0-16 bar, 1/8" ...1/4"



Application:

Air, Water, Gases and Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 606-00-010	N.C	1/8"	1	0	16	PTFE
ESV 606-00-018	N.C	1/8"	1,8	0	10	PTFE
ESV 606-00-025	N.C	1/8"	2,5	0	6	PTFE
ESV 606-01-010	N.C	1/4"	1	0	16	PTFE
ESV 606-01-018	N.C	1/4"	1,8	0	10	PTFE
ESV 606-01-025	N.C	1/4"	2,5	0	6	PTFE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Stainless Steel Solenoid Valve, ESV 600-601 Series, 2/2, N.C-N.O, 0,5-16 bar, 3/8" ...2"



Application:

Air, Water, Gases and Non-aggressive liquids etc.

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC,
24/12/110 VDC etc.

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 600-02	N.C	3/8"	13	0	16	VITON
ESV 600-03	N.C	1/2"	13	0,5	16	VITON
ESV 600-04	N.C	3/4"	20	0,5	16	VITON
ESV 600-05	N.C	1"	25	0,5	16	VITON
ESV 600-06	N.C	1 1/4"	35	0,5	16	VITON
ESV 600-07	N.C	1 1/2"	40	0,5	16	VITON
ESV 600-08	N.C	2"	50	0,5	16	VITON
ESV 601-03	N.O	1/2"	13	0,5	8	VITON
ESV 601-04	N.O	3/4"	20	0,5	8	VITON
ESV 601-05	N.O	1"	25	0,5	8	VITON
ESV 601-06	N.O	1 1/4"	35	0,5	8	VITON
ESV 601-07	N.O	1 1/2"	40	0,5	8	VITON
ESV 601-08	N.O	2"	50	0,5	8	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS ΔP=0 Pilot Operated Stainless Steel Solenoid Valve, ESV 610-611 Series, 2/2, N.C-N.O, 0-10 bar, 3/8" ...2"



Application:

Air, Water, Gases and Non-aggressive liquids etc.

Valve Body: AISI 304

Temperature: -10 °C ... +160°C

Voltage: 220/110/24/12 VAC, 24/12/110 VDC etc.

*AC/DC= 10/6 ; AC/DC=5/3

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
ESV		G	mm	Bar	Bar	
ESV 610-03	N.C	1/2"	16	0	10/6*	VITON
ESV 610-04	N.C	3/4"	20	0	10/6*	VITON
ESV 610-05	N.C	1"	25	0	10/6*	VITON
ESV 610-06	N.C	1 1/4"	35	0	10/6*	VITON
ESV 610-07	N.C	1 1/2"	40	0	10/6*	VITON
ESV 610-08	N.C	2"	50	0	10/6*	VITON
ESV 611-03	N.O	1/2"	16	0	5/3*	VITON
ESV 611-04	N.O	3/4"	20	0	5/3*	VITON
ESV 611-05	N.O	1"	25	0	5/3*	VITON

When ordering, please do not forget to specify the coil voltage!

DURAVIS Pilot Operated Pulse Solenoid Valve, EPV 100 Series, 2/2, N.C, 0,35-8,5 bar, 3/4" ...1 1/2"



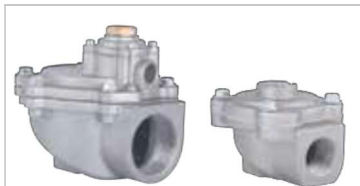
TPE: -40 °C ... +80°C

Neoprene: -40 °C ... +120°C

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
EPV		G	mm	Bar	Bar	
EPV 100-04	N.C	3/4"	25	0,35	8,5	TPE
EPV 100-05	N.C	1"	25	0,35	8,5	TPE
EPV 100-07	N.C	1 1/2"	40	0,35	8,5	TPE
EPV 100-07N	N.C	1 1/2"	40	0,35	8,5	NEOPRENE

When ordering, please do not forget to specify the coil voltage!

DURAVIS Remote Controlled Pilot Operated Pulse Solenoid Valve, EPV 110 Series, 2/2, N.C, 0,35-8,5 bar, 3/4" ...1 1/2"



TPE: -40 °C ... +80°C

Neoprene: -40 °C ...+120°C

Model	Position	Connection Size	Orifice Size	Pressure		Seal
				Min.	Max.	
EPV		G	mm	Bar	Bar	
EPV 110-04	N.C	3/4"	25	0,35	8,5	TPE
EPV 110-05	N.C	1"	25	0,35	8,5	TPE
EPV 110-07	N.C	1 1/2"	40	0,35	8,5	TPE
EPV 110-07N	N.C	1 1/2"	40	0,35	8,5	NEOPRENE

DURAVIS Filter Timer for Pulse Valves



Application:

Filter Cleaning Systems

Model	Voltage	Output Channel
FTR	Universal	
FTR-100-0-08	100-240VAC	8 Channel Output
FTR-100-0-16	100-240VAC	16 Channel Output
FTR-100-0-24	100-240VAC	24 Channel Output
FTR-100-0-32	100-240VAC	32 Channel Output
FTR-100-0-40	100-240VAC	40 Channel Output
FTR-100-0-48	100-240VAC	48 Channel Output
FTR-100-0-56	100-240VAC	56 Channel Output
FTR-100-0-64	100-240VAC	64 Channel Output

**Consult us for 24V AC/DC option.*

DURAVIS Solenoid Valves' Coils (ECO-10 / 20 Series)



Model	Product Series To Be Used	Voltage V	Inrush (AC) / Cold (DC)	Holding (AC) / Hot (DC)
ECO 10-AC-012	ESV-EPV	12	30 VA	18 VA
ECO 10-AC-024	ESV-EPV	24	30 VA	18 VA
ECO 10-AC-048	ESV-EPV	48	30 VA	18 VA
ECO 10-AC-110	ESV-EPV	110	30 VA	18 VA
ECO 10-AC-230	ESV-EPV	230	30 VA	18 VA
ECO 10-DC-012	ESV-EPV	12	16 W	12 W
ECO 10-DC-024	ESV-EPV	24	16 W	12 W
ECO 10-DC-048	ESV-EPV	48	16 W	12 W
ECO 10-DC-110	ESV-EPV	110	16 W	12 W
ECO 10-DC-230	ESV-EPV	230	16 W	12 W

DURAVIS Solenoid Valves' Connectors (EVA Series)



Model	Type	Product Series To Be Used
EVA		
EVA 10	Standard	ECO 10
EVA 20	Standard LED	ECO 10

DURAVIS Solenoid Valves' Timer (ECT 10 Series)



Model	Enclosure	Setting Range
ECT		
ECT 10	IP 65	0,5..10 seconds or 0,5...45 minutes




DURAVIS Solenoid Valves' Diaphragm and Springs



Diaphragm Code	Description	Product Series To Be Used
ESP-SV-001	NBR Diaphragm (3/8"1/2") + Spring	ESV 100-02/03, ESV 101-02/03, ESV 100-00-120, ESV 101-00-120, ESV 100-01-120, ESV 101-01-120
ESP-SV-007	NBR Diaphragm (3/4") + Spring	ESV 100-04, ESV 101-04
ESP-SV-008	NBR Diaphragm (1") + Spring	ESV 100-05, ESV 101-05
ESP-SV-004	NBR Diaphragm (1 1/4") + Spring	ESV 100-06, ESV 101-06
ESP-SV-009	NBR Diaphragm (1 1/2") + Spring	ESV 100-07, ESV 101-07
ESP-SV-010	NBR Diaphragm (2") + Spring	ESV 100-08, ESV 101-08
ESP-SV-002	VITON Diaphragm (3/8"1/2") + Spring	ESV 400-02/03, ESV 401-02/03, ESV 400-00-120, ESV 400-01-120, ESV 401-00-120, ESV 401-01-120, ESV 500-02/03, ESV 501-02/03, ESV 500-00-120, ESV 500-01-120, ESV 501-00-120, ESV 501-01-120, ESV 507-02/03, ESV 507-00-120, ESV 507-01-120
ESP-SV-011	VITON Diaphragm (3/4") + Spring	ESV 400-04, ESV 401-04, ESV 507-04
ESP SV-012	VITON Diaphragm (1") + Spring	ESV 400-05, ESV 401-05, ESV 507-05
ESP-SV-005	VITON Diaphragm (1 1/4") + Spring	ESV 400-06, ESV 401-06
ESP-SV-013	VITON Diaphragm (1 1/2") + Spring	ESV 400-07, ESV 401-07
ESP-SV-014	VITON Diaphragm (2") + Spring	ESV 400-08, ESV 401-08
ESP-SV-015	EPDM Diaphragm (3/8"1/2") + Spring	ESV 100-02/03, ESV 101-02/03, ESV 100-00-120, ESV 100-01-120
ESP-SV-016	EPDM Diaphragm (3/4") + Spring	ESV 100-04, ESV 101-04
ESP-SV-017	EPDM Diaphragm (1") + Spring	ESV 100-05, ESV 101-05
ESP-SV-006	EPDM Diaphragm (1 1/4") + Spring	ESV 100-06, ESV 101-06, ESV 200-06, ESV 201-06, ESV 295-06, ESV 296,06
ESP-SV-018	EPDM Diaphragm (1 1/2") + Spring	ESV 100-07, ESV 101-07, ESV 200-07, ESV 201-07, ESV 295-07, ESV 296,07
ESP-SV-019	EPDM Diaphragm (2") + Spring	ESV 100-08, ESV 101-08, ESV 200-08, ESV 201-08, ESV 295-08, ESV 296,08
ESP-SV-003	PTFE Diaphragm (3/8"1/2") + Spring	ESV 200-02/03, ESV 201-02/03, ESV 200-00-120, ESV 201-00-120,ESV 200-01-120, ESV 201-01-120, ESV 295-02/03, ESV 296-02/03, ESV 295-00-120, ESV 295-01-120, ESV 296-00-120, ESV 296-01-120
ESP-SV-020	PTFE Diaphragm (3/4") + Spring	ESV 200-04, ESV 295-04, ESV 296-04
ESP-SV-021	PTFE Diaphragm (1") + Spring	ESV 200-05, ESV 295-05, ESV 296-05

DURAVIS Solenoid Valves' Diaphragm and Springs – ESV 103/104 – 403/404 – 503/504/505 Series Piston Types



Diaphragm Code	Description	Product Series To Be Used
ESP-SV-022	Piston Type High Pressure Diaphragm (3/8"-1/2") + Spring	ESV 103-02/03, ESV 104-02/03, ESV 103-00-120, ESV 104-00-120, ESV 103-01-120, ESV 104-01-120, ESV 403-02/03, ESV 404-02/03, ESV 403-00-120, ESV 404-00-120, ESV 403-01-120, ESV 404-01-120, ESV 503-02/03, ESV 504-02/03, ESV 503-00-120, ESV 504-00-120, ESV 503-01-120, ESV 504-01-120, ESV 505-02/03, ESV 505-00-120, ESV 505-01-120
ESP-SV-023	Piston Type High Pressure Diaphragm (3/4") + Spring	ESV 103-04, ESV 104-04, ESV 403-04, ESV 404-04, ESV 503-04, ESV 504-04
ESP-SV-024	Piston Type High Pressure Diaphragm (1") + Spring	ESV 103-05, ESV 104-05, ESV 403-05, ESV 404-05, ESV 503-05, ESV 504-05

DURAVIS Solenoid Valves' Diaphragm and Springs – ESV 110/1 – 210/1 – 410/1 Series Diaphragm and Plunger Sets



Diaphragm Code	Description	Product Series To Be Used
ESP-SV-025	NBR Vacuum & 110 Series Diaphragm (3/8"-1/2") + Link Spring + Plunger + Push Spring	ESV 110-02/03, ESV 110-00-120, ESV 110-01-120, ESV 300-02/03, ESV 300-00-120, ESV 300-01-120
ESP-SV-026	NBR Vacuum & 110 Series Diaphragm (3/4") + Link Spring + Plunger + Push Spring	ESV 110-04, ESV 300-04
ESP-SV-027	NBR Vacuum & 110 Series Diaphragm (1") + Link Spring + Plunger + Push Spring	ESV 110-05, ESV 300-05
ESP-SV-028	NBR 111 Series Diaphragm (3/8"-1/2") + Spring	ESV 111-02/03, ESV 111-00-120, ESV 111-01-120
ESP-SV-029	NBR 111 Series Diaphragm (3/4") + Spring	ESV 111-04
ESP-SV-060	NBR 111 Series Diaphragm (1") + Spring	ESV 111-05
ESP-SV-061	PTFE Vacuum & 210 Series Diaphragm (3/8"-1/2") + Link Spring + Plunger + Push Spring	ESV 210-02/03, ESV 210-00-120, ESV 210-01-120
ESP-SV-062	PTFE Vacuum & 210 Series Diaphragm (3/4") + Link Spring + Plunger + Push Spring	ESV 210-04
ESP-SV-063	PTFE Vacuum & 210 Series Diaphragm (1") + Link Spring + Plunger + Push Spring	ESV 210-05
ESP-SV-064	PTFE 211 Series Diaphragm (3/8"-1/2") + Spring	ESV 211-02/03, ESV 211-00-120, ESV 211-01-120
ESP-SV-065	PTFE 211 Series Diaphragm (3/4") + Spring	ESV 211-04
ESP-SV-066	PTFE 211 Series Diaphragm (1") + Spring	ESV 211-05
ESP-SV-067	VITON Vacuum & 410 Series Diaphragm (3/8"-1/2") + Link Spring + Plunger + Push Spring	ESV 410-02/03, ESV 410-00-120, ESV 410-01-120
ESP-SV-068	VITON Vakum ve 410 Series Diaphragm (3/4") + Link Spring + Plunger + Push Spring	ESV 410-04
ESP-SV-069	VITON Vakum ve 410 Series Diaphragm (1") + Link Spring + Plunger + Push Spring	ESV 410-05
ESP-SV-070	VITON 411 Series Diaphragm(3/8"-1/2")+Spring	ESV 411-02/03, ESV 411-00-120, ESV 411-01-120
ESP-SV-071	VITON 411 Series Diaphragm (3/4") + Spring	ESV 411-04
ESP-SV-072	VITON 411 Series Diaphragm (1") + Spring	ESV 411-05

DURAVIS Pulse Valves' Diaphragm and Springs – EPV 100 – 110 Series Pulse Valve Diaphragms and Springs



Diaphragm Code	Description	Product Series To Be Used
ESP-PV-002	Pulse Valve Diaphragm TPE (3/4"-1")	EPV 100-04, EPV 100-05, EPV 110-04, EPV 110-05
ESP-PV-003	Pulse Valve Diaphragm NEOPRENE (1 1/2") + Spring	EPV 100-07N, EPV 110-07N
ESP-PV-004	Pulse Valve Diaphragm TPE (1 1/2")	EPV 100-07, EPV 110-07
ESP-PV-005	Pulse Valve Diaphragm-Top VITON (1 1/2")	EPV 100-07N, EPV 100-07, EPV 110-07N, EPV 110-07

DURAVIS Solenoid Valves' Enclosing Tubes & Sets



Model	Description
ESP-SV-030	N.C. Enclosing Tube, 2/2
ESP-SV-031	N.C. Enclosing Tube, 3/2
ESP-SV-050	N.O, 2/2, Enclosing Tube-Plunger Set (N.O. Enclosing Tube + 1-3mm 2/2 N.O. Plunger)
ESP-SV-051	N.O, 2/2, Steam Enclosing Tube-Plunger Set (N.O. Enclosing Tube + 1-3mm 2/2 N.O. Plunger)

Applications:
ESV & EPV Series Solenoid Valves

DURAVIS Solenoid Valves' Plungers (Cores)



Plunger Code	Description
ESP-SV-032	Plunger, 1-7mm, 2/2, NBR + Spring
ESP-SV-034	Plunger, 8-10mm, 2/2, NBR + Spring
ESP-SV-111	Plunger, 1-7mm, 2/2, VITON + Spring
ESP-SV-112	Plunger, 8-10mm, 2/2, VITON + Spring
ESP-SV-113	Plunger, 1-7mm, 2/2, PTFE + Spring
ESP-SV-114	Plunger, 8-10mm, 2/2, PTFE + Spring
ESP-SV-035	Plunger, 3/2, N.C. + Spring
ESP-SV-040	Plunger, Pilot High Pressure, 2/2, VITON + Spring
ESP-SV-115	Plunger, Pilot High Pressure, 3/2, VITON + Spring
ESP-SV-042	Plunger, Direct Op. Fuel-Oil Bottom Plunger, 2/2, Ruby + Spring
ESP-SV-043	Plunger, Direct Op. Fuel-Oil Plunger, 2/2 + Spring
ESP-SV-044	Plunger, Direct Op. Fuel-Oil Plunger, 3/2, Ruby + Spring
ESP-SV-116	Plunger, For Pulse Valve + Pulse Valve Plunger Spring

Applications:
ESV & EPV Series Solenoid Valves