



SMART TODAY, A LONG-LASTING CHOICE

The Complete Range of Solenoid Valves for
Every Industrial Challenge.



2/2 WAYS / DIRECT ACTION



R105 (NF)

- Body: Brass
- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.2 to 4
- Δp(PSI): 0 to 360 (AC/DC)
- Temperature: 14°F +356°F
- Connection: 1/8"



Z105 (NF)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 1.5 to 2.5
- Δp(PSI): 0 to 230 (AC) 0 to 80 (DC)
- Temperature: 14°F +284°F
- Connection: 1/8"



R106

- Body: Brass
- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.5 to 7.0
- Δp(PSI): 0 to 1160 (AC) 0 to 580 (DC)
- Temperature: 14°F +356°F
- Connection: 3/8" and 1/2"



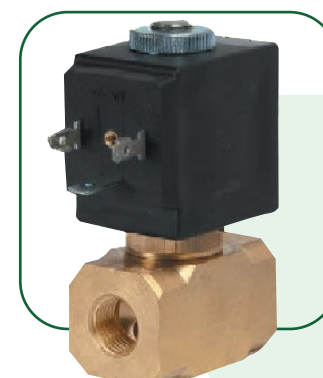
RR106

- Body: Brass
- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.5 to 6.4
- Δp(PSI): 0 to 1160 (AC) 0 to 580 (DC)
- Temperature: 14°F +356°F
- Connection: 1/8" and 1/4"



R105 G (NF)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 1.5 to 2.5
- Δp(PSI): 0 to 230 (AC) 0 to 80 (DC)
- Temperature: 14°F +284°F
- Connection: Hose nipple Ø 6.5mm
- Application: Welding machine



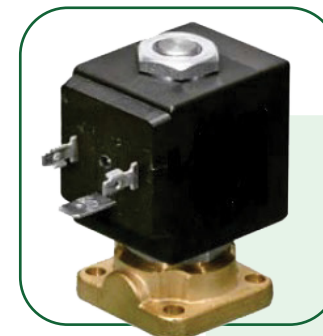
R106

- Body: Brass
- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.5 to 6.4
- Δp(PSI): 0 to 1160 (AC) 0 to 580 (DC)
- Temperature: 14°F +356°F
- Connection: 1/8" and 1/4"



R106 S

- Model 106 valve
- Electronic timer 11303000
- Preparation time: Connected: 0.5 to 45(min)
- Connector: DIN43650a
- Special programs on request



R114

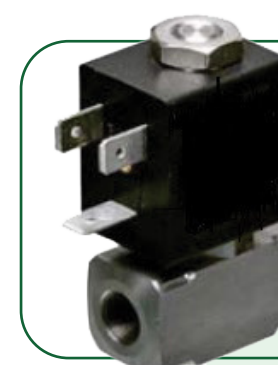
- Body: Brass
- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.5 to 4.5
- Δp(PSI): 0 to 580 (AC) 0 to 430 (DC)
- Temperature: 14°F +356°F
- Connection: Flange

2/2 WAY / DIRECT ACTION / STAINLESS STEEL



R110

- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.5 to 6.4
- Δp(PSI): 0 to 320 (AC) 0 to 290 (DC)
- Temperature: 14°F +320°F
- Connection: 1/4" and 1/2"



R111

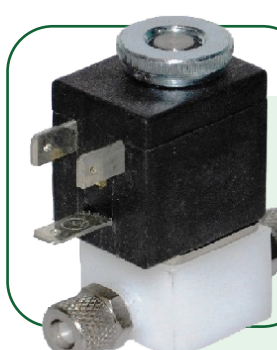
- Body: AISI 304/316 stainless steel
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 1.2 to 3.1
- Δp(PSI): 0 to 360 (AC) 0 to 230 (DC)
- Temperature: 14°F +320°F
- Connection: 1/8"



RR110

- Body: Inox AISI 304/316
- Gaskets: NBR - FPM - EPDM - PTFE
- Orifice (mm): Ø 1.5 to 6.4
- Δp(PSI): 0 to 320 (AC) 0 to 290 (DC)
- Temperature: 14°F +320°F
- Connection: 1/8" and 1/4"

2/2 WAYS/DIRECT ACTION / THERMOPLASTIC



R135 - R235 (NF) / (NA)

- Body: Thermoplastic Polymer (NSF-61)
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 1.5 to 4
- Escape: Ø 1,7
- Δp(PSI): 0 to 220 (AC/DC)
- Temperature: 14°F +284°F
- Connection: Hosetail Compression
Straight spire -K-P-W

2/2 WAYS / NF / DIRECT ACTION / THERMOPLASTIC / ISOLATED CORE



R150/151 (NF)

- Body: Polypropylene
- Gaskets: FPM
- Orifice (mm): Ø 8
- Δp(PSI): 0 to 15 (AC/DC)
- Temperature: 14°F +266°F
- Connection Model 150: Inlet: Straight spigot
10mm tube - Outlet 3/4" NPT
- Connection Model 151: Inlet 1/2" NPT
- Outlet 3/4" NPT



R160 (NF)

- Body: Polypropylene
- Gaskets: NBR - FPM
- Orifice (mm): Ø 6
- Δp(PSI): 0 to 22 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 1/2" NPT

2/2 WAYS / NF / DIRECT ACTION / THERMOPLASTIC / ISOLATED CORE



R161 (NF)

- Body: Teflon
- Gaskets: NBR - FPM
- Orifice (mm): Ø 6
- Δp(Psi): 0 to 22 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 1/2" NPT



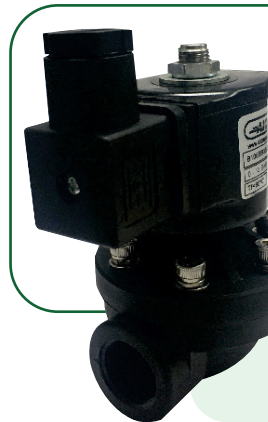
R162 (NF)

- Body: Acrylic
- Gaskets: EPDM
- Orifice (mm): Ø 3
- Δp(Psi): 0 to 15 (AC/DC)
- Temperature: <+284°F
- Connection: 1/4" NPT



R163 (NF)

- Body: Polypropylene
- Gaskets: NBR - FPM
- Orifice (mm): Ø 3
- Δp(Psi): 0 to 60 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 1/4" NPT



Q131 (NF)

- Body: Plastic
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 16 to 50
- Δp(Psi): 0 to 175
- Temperature: 14°F +266°F
- Connection: 3/8" and 1"

2/2 WAYS / NA / DIRECT ACTION



R206 (NA)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 1.5 to 3.5
- Δp(Psi): 0 to 290 (AC) 0 to 220 (DC)
- Temperature: 14°F +266°F
- Connection: 3/8" and 1/2"



RR206 (NA)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 1.5 to 3.5
- Δp(Psi): 0 to 330 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 1/8" and 1/4"

3/2 WAYS / NF / DIRECT ACTION



R305 (NF) / (NA)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): NF Ø 1.2 to 2 – exhaust Ø 1.5
NA Ø 1.5 to 1.7 – exhaust Ø 1.5
U Ø 1.5 – exhaust Ø 1.5
- Δp(Psi): 0 to 220 NF
0 to 150 NA
0 to 90 U
- Temperature: 14°F +266°F
- Connection: 1/8"



R306 (NF) / (NA) / (U)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): NF Ø 1.2 to 2.5 – exhaust Ø 2.4
NA Ø 2 to 2.5 – exhaust Ø 2.4
U Ø 2.5 – exhaust Ø 2.5
- Δp(Psi): 0 to 290 NF
0 to 150 NA
0 to 70 U
- Temperature: 14°F +266°F
- Connection: 1/8" and 1/4"



R306 (NF) / (NA) / (U)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): NF Ø 1.2 to 2.5 – exhaust Ø 2.4
NA Ø 2 to 2.5 – exhaust Ø 2.4
U Ø 2.5 – exhaust Ø 2.5
- Δp(Psi): 0 to 435 NF
0 to 290 NA
0 to 130 U
- Temperature: 14°F +320°F
- Connection: 3/8" and 1/2"



R310 and RR310 (NF)/(NA)/(U)

- Body: Inox AISI 304/316
- Gaskets: NBR - FPM - PTFE
- Orifice (mm): NF Ø 1.5 to 2.5 – exhaust Ø 2.4
NA Ø 2 to 2.5 – exhaust Ø 2.4
U Ø 2.5 – exhaust Ø 2.4
- Δp(Psi): 0 to 290 NF
0 to 150 NA
0 to 70 U
- Temperature: <284°F
- Connection: 1/8" and 1/4"



R230 (NA)

- Body: Brass
- Gaskets: NBR - FPM
- Orifice (mm): Ø 16 to 25
- Δp(Psi): 0 to 115 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 3/8" and 1"



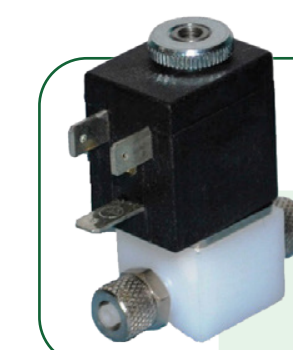
R314 (NF) / (NA) / (U)

- Body: Brass
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): NF Ø 1.5 to 2.4 – exhaust Ø 2.4
NA Ø 2 to 2.4 – exhaust Ø 2.4
U Ø 2.4 – exhaust Ø 2.4
- Δp(Psi): 0 to 290 NF
0 to 130 NA
0 to 70 U
- Temperature: <1284°F
- Connection: Flange



R316 (NF) / (NA) / (U)

- Body: Forged brass - 3 ways on body
- Gaskets: NBR - FPM - PTFE
- Orifice (mm): NF Ø 2.5 to 3.5
NA Ø 2.5 to 3.5
U Ø 2.5 to 3.5
- Δp(Psi): 0 to 100 NF
0 to 115 NA
0 to 145 U
- Temperature: 14°F +194°F
- Connection: 1/8" and 1/4" tube



R335 (NF)

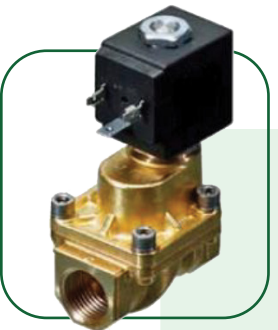
- Body: Thermoplastic Polymer (NSF-61)
- Gaskets: NBR - FPM - EPDM
- Orifice (mm): Ø 2
- Escape: Ø 1.5
- Δp(Psi): 0 to 130 (AC/DC)
- Temperature: <284°F
- Connection: Compression Hosetail
Straight spire - K-P-W

2/2 WAY / NF / NA / DIRECT ACTION / SERVO PILOTED DIAPHRAGM



S107 (NF) – S207 (NA)

- Body: Forged Brass
- Gaskets: NBR – FPM – EPDM
- Orifice (mm): Ø 10 to 75
- Δp(PSI): 2 to 220 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 3/8" to 3"



S119 (NF) – S219 (NA)

- Body: Forged Brass
- Gaskets: FPM – PTFE
- Orifice (mm): Ø 12
- Δp(PSI): 15 to 725 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 3/8" to 1/2"



R130 (NF) – R230 (NA)

- Body: Forged Brass
- Gaskets: NBR – FPM – EPDM
- Orifice (mm): Ø 16 to 100
- Δp(PSI): 0 to 175 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 3/8" to 4"



S177 (NF) – S277 (NA)

- Body: Forged Stainless Steel
- Gaskets: FPM – NBR – EPDM
- Orifice (mm): Ø 12 to 24
- Δp(PSI): 2 to 220 (AC/DC)
- Temperature: <+284°F
- Connection: 3/8" to 1"

2/2 WAY / ANGLE VALVE



Z120 (NF)

- Body: Forged Brass
- Gaskets: PTFE
- Orifice (mm): Ø 12
- Δp(PSI): 1.5 to 145 (AC/DC)
- Temperature: 14°F +356°F
- Connection: 1/2" and 3/4"
- Application: Steam 356°F



Z120 Y (NF)

- Body: Forged Brass (nickel plated)
- Drive: Mini pneumatic cylinder
- Gaskets: PTFE
- Orifice (mm): Ø 12
- Δp(PSI): 0 to 145
- Temperature: 14°F +356°F
- Connection: 1/2" and 3/4"



Z130 (NF)

- Body: Brass
- Drive: Servo-driven
- Gaskets: PTFE
- Orifice (mm): Ø 22 to 50
- Δp(PSI): 15 to 220
- Temperature: 14°F +356°F
- Connection: 3/8" to 2"



Z124 (NF)

- Body: Stainless steel 304
- Drive: Pneumatic-plastic actuator
- Gaskets: PTFE
- Orifice (mm): Ø 1.5 to 7.0
- Δp(PSI): 0 to 230
- Temperature: 14°F +356°F
- Connection: 1/2" to 2"



Z122 (NF)

- Body: Stainless steel 304
- Drive: Pneumatic stainless steel actuator
- Gaskets: PTFE
- Orifice (mm): Ø 13 to 45
- Δp(PSI): 0 to 230
- Temperature: 14°F +356°F
- Connection: 1/2" to 2"

AIRLINE IN GENERAL



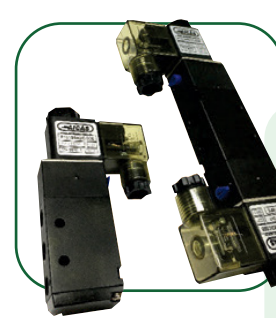
MINI ISO AND ISO6431 CYLINDERS

- Action: SINGLES/DOUBLE
ACTION: 32/40/50/63
DOUBLE ACTION: 80/100/125/160
- Fluid: AR
- Working pressure (kgf/cm): 1~9.02
- Maximum pressure. (kgf/cm): 13.5
- Working speed (mm/s): 500 ~ 800
- Working temperature: 23° ~158°F
- Thread diameter (mm): PT 1/8 – PT 1/4
PT 3/8 – EN 1/2 – PT 3/4



TIMERS

- Analytical and digital timer for electronic purge
- Description of time:
Power On: 0.5 to 10 seconds
Power Off: 0.5 to 45 minutes
- Standards: DIN 43650 and DIN 46244



PNEUMATIC DIRECTIONAL VALVE

- Functions: 5/2 – 5/3 – 3/2
- Unit: Double or Single
- Mounting: Any mounting position
- Connections: M5 – 1/8" – 1/4" – 3/8" – 1/2"
- Construction: Aluminum body
- Coil: Aluminum with hard anode seal: NBR



G Y P SERIES CONNECTORS

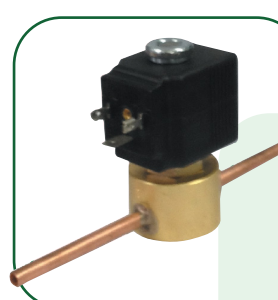
- Standards: DIN 43650 and DIN 46244
- Protection: IP65
- Working temperature: –40°F +194°F
- 2 Poles + Earth
- 3 Poles + Earth
- Optional: W/LED

2/2 WAY / REFRIGERATION VALVE



SVR 105

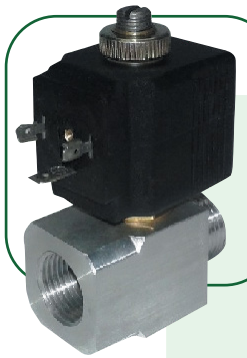
- Body: Forged brass
- Gaskets: NBR – EPDM (hydrogenated)
- Orifice (mm): Ø 2.2
- Δp(PSI): Minimum: 44
Maximum: 360 (DC)
- Temperature: 40°F +284°F
- Connection: Tube 1/4" (ODF)
- Application: Freon R134A/404AZ



SVR 106

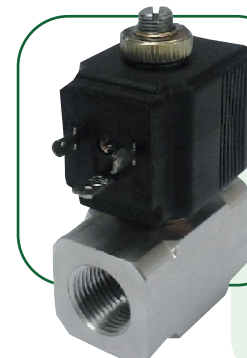
- Body: Brass
- Gaskets: NBR – EPDM (hydrogenated)
- Orifice (mm): Ø 3.5
- Δp(PSI): Minimum: 44
Maximum: 290 (DC)
- Temperature: 40°F +284°F
- Connection: Tube 1/4" (ODF)
- Application: Freon R134A/404A

2/2 WAYS / GAS VALVES / GNP / LPG



R180 (NF)

- Body: ASTM B 211 Aluminum
- Flow adjustment
- Gaskets: FPM
- Orifice (mm): Ø 12
- Δp(Psi): 0 to 100
- Temperature: 14°F +356°F
- Connection: 1/2" Female Inlet
1/2" Male Outlet



R181 (NF)

- Body: Aluminum ASTM B 211
- Flow rate adjustment
- Gaskets: FPM
- Orifice (mm): Ø 12
- Δp(Psi): 0 to 100
- Temperature: 14°F +356°F
- Connection: 1/2"



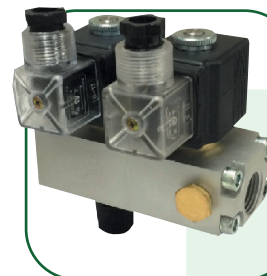
S107 G (NF)

- Body: Forged Brass
- Gaskets: NBR
- Orifice (mm): Ø 50 to 75
- Δp(Psi): Differential 0.15 to 220 (AC/DC)
- Temperature: 14°F +266°F
- Connection: 2" to 3"



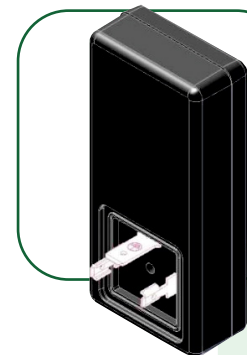
R351

- Body: Aluminum ASTM B 211 MODULAR
- Gaskets: NBR – EPDM
- Orifice (mm): Ø 15
- Δp(Psi): 0 to 8
- Temperature: –<284°F
- Connection: 1/2"



R352

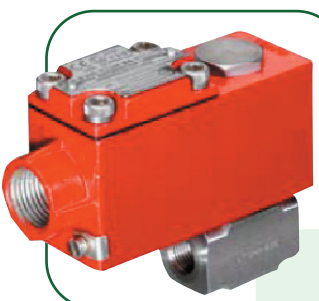
- Body: Aluminum ASTM B211 MODULAR
- Gaskets: NBR – EPDM
- Orifice (mm): Ø 10
- With flow control
- Δp(Psi): 0 to 8
- Temperature: –<284°F
- Connection: 1/2"



LCP - E 1/2/4

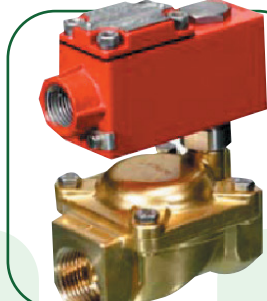
- Control Power
- Magnetic force induction for opening valve
- Reduce engine power by keeping the valve open
- Reduction of up to 80% of the nominal power, reducing energy consumption

2/2 WAY / VALVE FOR CLASSIFIED AREAS



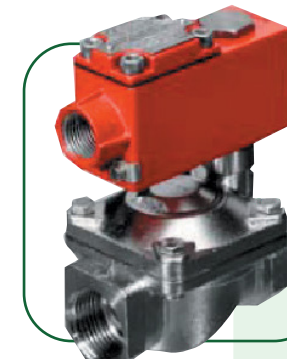
B110 (NF)

- Body: 316 machined stainless steel
- Gaskets: FPM
- Orifice (mm): Ø 2 to 6.4
- Δp(Psi): 0 a 300 (AC/DC)
- Temperature: 40°F +266°F
- Connection: 1/4" to 1/2"



B107 (NF)

- Body: Forged brass
- Gaskets: FPM – NBR
- Orifice (mm): Ø 10 to 75
- Δp(Psi): Differential 3 to 220 (AC/DC)
- Temperature: 40°F +266°F
- Connection: 1/4" to 3"



B117 (NF)

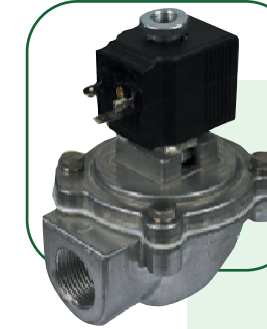
- Body: Forged stainless steel 316
- Gaskets: FPM
- Orifice (mm): Ø 12 to 24
- Δp(Psi): Differential 3 to 220 (AC/DC)
- Temperature: 40°F +266°F
- Connection: 3/8" a 1"

Certification:
CESI03ATEX344Ex112G/DEex"d"IICT6

Certification:
CESI03ATEX344Ex112G/DEex"d"IICT6

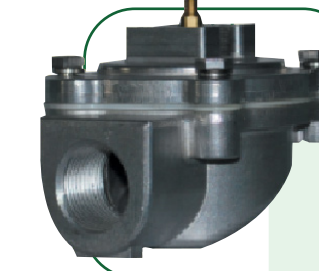
Certification:
CESI03ATEX344Ex112G/DEex"d"IICT6

2/2 WAY / FILTER SLEEVE VALVE



R178

- Body: Aluminum
- Gaskets: NBR – PTFE
- Orifice (mm): Ø 20 to 62
- Δp(Psi): Minimum: 5 to 150
- Temperature: 14°F +320°F
- Connection: 3/4" to 2.1/2"



R178 P

- Air operated distance valve
- Body: Aluminum
- Gaskets: NBR – PTFE
- Orifice (mm): Ø 20 to 62
- Δp(Psi): Minimum: 5 to 150
- Temperature: 14°F +320°F
- Connection: 3/4" to 2.1/2"

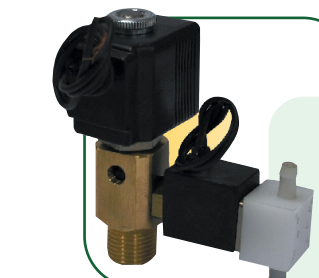
2/2WAY / PIPER VALVE / NC



R700 / 701

- Body: Anodized aluminum
- Closing force 250Gr
- Model 700 – 3mm tube
- Model 701 – 10mm tube
- Maximum viscosity: 65cSt (mm²/sec)
- Temperature: 14°F +104°F
- Tube hardness: 55°Sh A ±

2/2WAY / VACUUM VALVE/NF



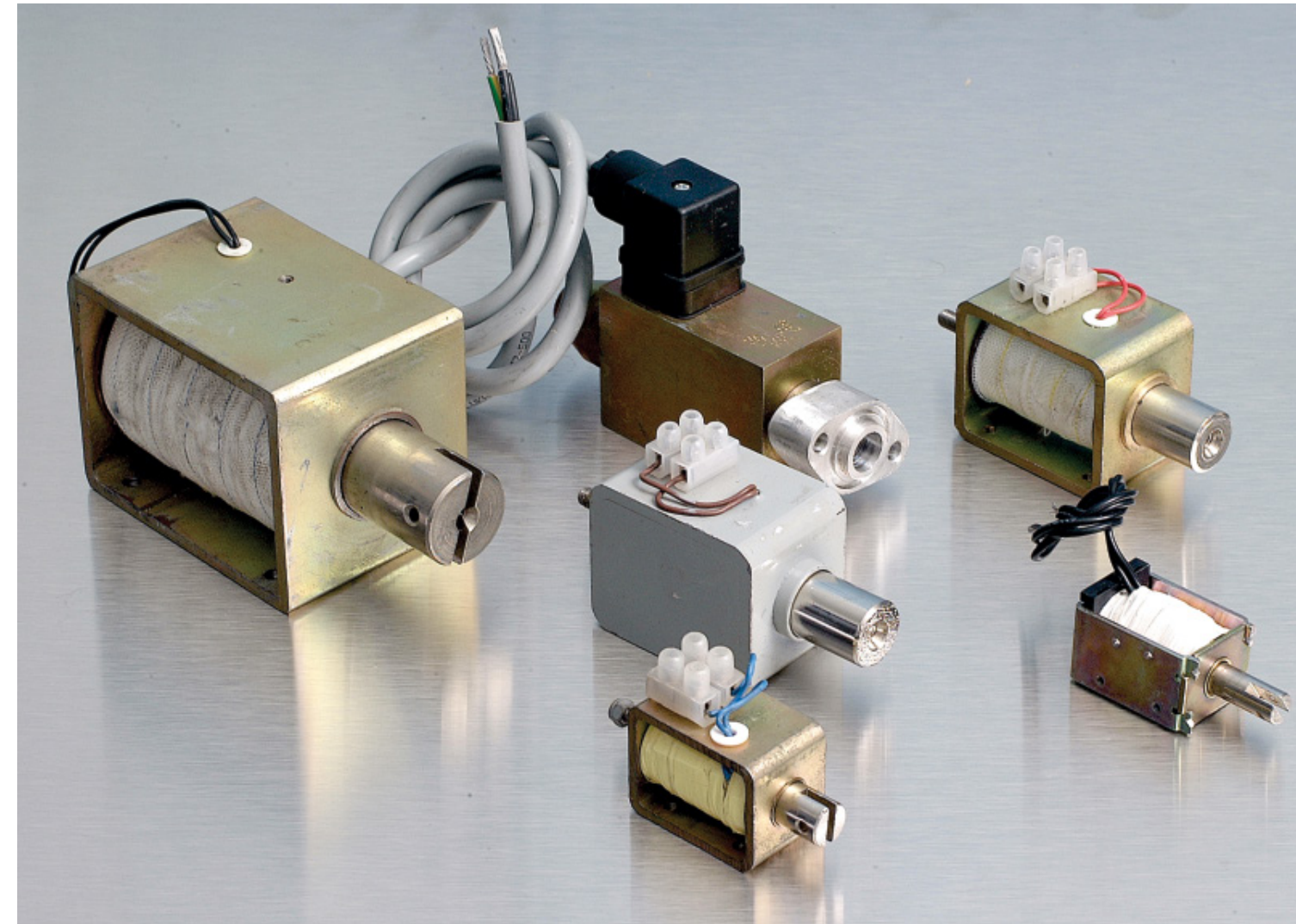
R340

- Body: Brass – PVC Auxiliary
- Gaskets: NBR
- Hole (mm): Ø 12
- Δp(Psi): Main 0 to 15/Auxiliary 0 to 15
- Temperature: 14°F +266°F
- Connection: Main 1/2" /Auxiliary 1/8" Hosetail
- Application: Vacuum sealers – up to 14 Lbs negative



ROOSEVELT VALVES
"LET'S MAKE YOUR WORLD FLOW"

CUSTOM DEVELOPMENT



At Roosevelt Valves, we believe true quality is achieved only when we exceed expectations — through the durability of our products, the precision of our engineering, and the strength of our customer support.

Our promise begins with Smart Durability: robust solenoid valves engineered to perform reliably under the most demanding industrial conditions, delivering long-lasting operation with minimal maintenance.

We ensure Universal Compatibility, offering solutions that integrate seamlessly across a wide range of systems and industries — reducing installation times, simplifying replacements, and accelerating workflows. And above all, we offer a Smart Investment: ISO-compliant manufacturing, tailored engineering support, dedicated after-sales service, and technical consulting that reduce total ownership costs and maximize operational value.

Through ongoing innovation and strategic partnerships with leading Italian engineering firms, we continuously evolve our know-how to meet the real needs of our clients, suppliers, and partners worldwide.

SMART TODAY, A LONG-LASTING CHOICE

1+(786) 477-9457

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