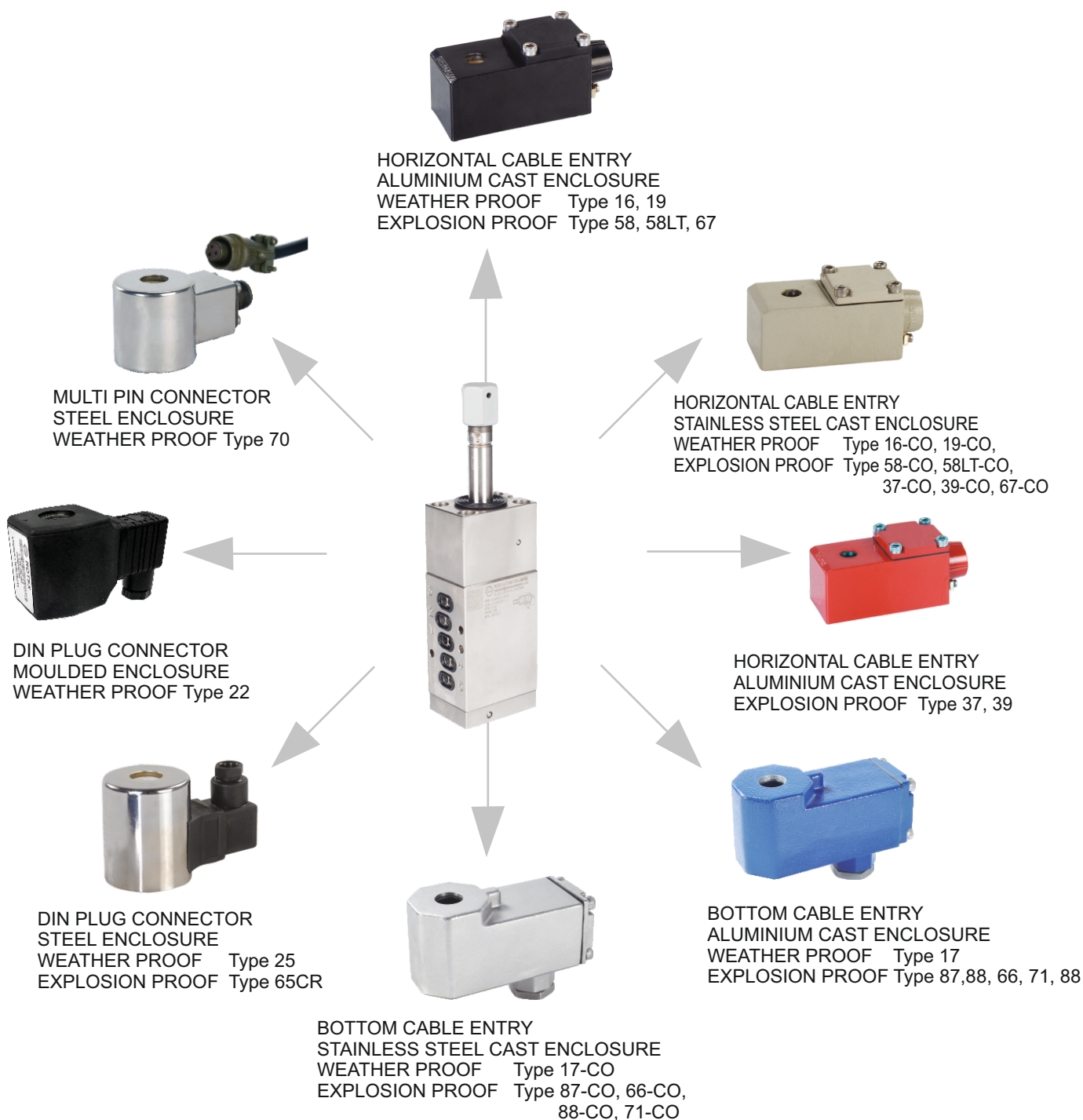


5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

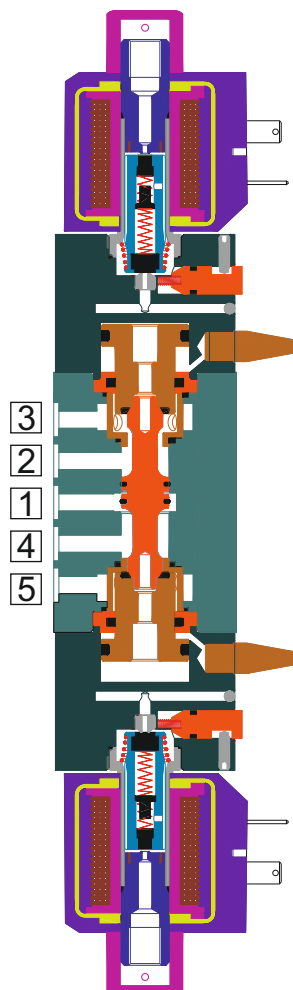


**Interchangeable across
Voltage/ Current range without
affecting performance of the Valve**

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

FEATURES

- Bubble tight shut OFF
- Can be used as 3/2 NC/ NO by plugging port 4/2
- Ideally suited where speed control by blocking exhaust is desired
- Suitable for high speed cycling, speed up to 500 cycles/ min
- Life >20 million cycles



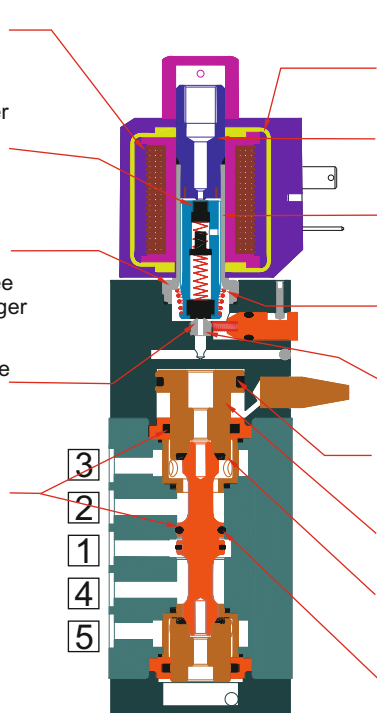
More windings :
-Low temperature rise
-Improved Insulation

Floating seat for longer seat life and for stuck free movement of the plunger

Non Sliding Gap between Plunger and Core tube for stuck free movement of the plunger

Profiled shaped Nozzle for Longer seat life

No stress on Seat Seal while seating
-For longer life



'O' Shape core for efficient magnetic linkage
- Lower pulling force

Improved Operator design resulting in optimal Power

SS430 Plated Plunger
- High resistance to corrosion

Self aligning Spring
-Maintaining axis of Plunger helping free movement of Plunger in Core Tube

Larger Nozzle Diameter for higher flow factor

Seals do not cross holes while changing ports
-For longer life

Well supported Poppet assembly
-Longer life and proper sealing

Lower Stroke
-For quick operation
-For higher flow rate

Positive Sealing for leak tightness
-For longer Life

VOLTAGE VARIATION

(For Continuous Duty)

Rated Voltage	Operating Voltage
6	4.8V to 7.2V
12	9.6V to 14.4V
24	19.2V to 28.8V
48	38.4V to 57.6V
110 to 120	88V to 132V
220 / 230 / 240	176V to 264V
256	205V to 280V

WEIGHT IN Kg. (lbs) (Appx.)

Valve

Valve type - Orifice	AI	SS
51445A-6	0.90 (1.98)	1.70 (3.74)
51445-12	1.40 (3.08)	3.30 (7.27)
51445V01-25	4.00 (8.81)	11.00 (24.25)
57445A-6	0.95 (2.09)	2.30 (5.07)
57445-12	1.75 (3.85)	4.50 (9.92)
57445V01-25	5.20 (11.46)	13.00 (28.66)

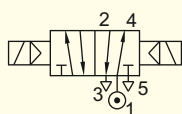
Solenoid

Type	Size	Kg (lbs)
22	I	0.25 (0.55)
25, 65CR	II	0.45 (0.99)
	III	0.40 (0.88)
	IV	0.50 (1.10)

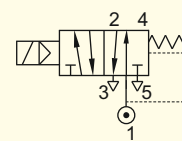
Type	Size	Enclosure	
		AI	SS
16, 19, 37,	II, IV	0.85 (1.87)	1.70 (3.74)
39, 58,	III	0.60 (1.32)	1.50 (3.30)
58LT, 67	II, IV	1.00 (2.20)	1.65 (3.63)
17, 66, 71, 87, 88	III	0.90 (1.98)	1.50 (3.3)

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

TYPE	PRESSURE bar (psi)
57445	2 - 10 (29 - 150psi)
57445LW	2 - 10 (29 - 150 psi)
57445L1	2 - 8 (29 - 116 psi)
57445IS	2 - 11 (29 - 159 psi)
57445IR	2 - 8 (29 - 116 psi)



TYPE	PRESSURE bar (psi)
51445	2 - 10 (29 - 150 psi)
51445LW	2 - 10 (29 - 150 psi)
51445L1	2 - 8 (29 - 116 psi)
51445IS	2 - 11 (29 - 159 psi)
51445IR	2 - 8 (29 - 116 psi)



WETTED PARTS

Code	✕	B5
Body	Anodized Aluminium	SS316
Internals	Aluminium, Brass and SS316	SS316
Guide	SS304	
Shadow-Ring	Copper	
Plunger, Insert	SS430	
Spring	SS302	
Fasteners	SS304	
Seat, Seals	NBR, Viton	



PESO



KOSHA



NACE
MR 0175-1

APPLICATION

Operation of double acting Cylinder/ Actuator

POWER

Power	Normal	Low		Ex ia	
	6W/ 8W	2W	1W	Type : 66	Type : 65CR, 67, 71
Type	51445, 51445A, 57445, 57445A	51445LW, 51445AW, 57445LW, 57445AW	51445L1, 51445A1, 57445L1, 57445A1	51445, 51445A, 57445, 57445A	51445IS, 57445IS, 51445IR, 57445IR, 51445AI, 51445AR, 57445AI, 57445AR
Size	I/ III	III	III	III	III

SPARES

SPARE KIT	CODE
Seal Kit : Oring Set (Only for Intrinsically Safe Valve)	P98
Seal Kit : Oring Set and Plunger Assembly	98
Repair Kit : All Components except Body Cover and Solenoid	99
Repair Kit : All Components except Body and Solenoid (for Intrinsically Safe Valve)	99
Solenoid Kit : Solenoid, Gasket	34

PORT CONNECTION

VALVE TYPE	MODE	INLET	OUTLET	OUTLET	EXHAUST	EXHAUST	PILOT EXHAUST
51445, 51445A, 51445AW, 51445LW, 51445A1, 51445L1, 51445AI, 51445IS, 51445AR, 51445IR	Single Solenoid	1	2	4	3	5	6
57445, 57445A, 57445AW, 57445LW, 57445A1, 57445L1, 57445IS, 57445AI, 57445IR, 57445AR	Double Solenoid	1	2	4	3	5	6

Contact Rotex for

- Any other Temperature Range, Media and Application

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

SPECIFICATION

VALVE	
Valve Type	5/2 Internal pilot operated, Single / Double Solenoid, Subbase mounted Valve
Body Material	Aluminium / Stainless Steel 316
Port Connection	Sub Base
Orifice	6mm (¼") / 12mm (½") / 25mm (1")
Seals	NBR / Viton
Manual Override	Stayput / Momentary / Without Manual override
Flow factor Orifice - kv / Kv / Cv	6mm (¼") - 12 / 0.72 / 0.84 12mm (½") - 50 / 3 / 3.5 25mm (1") - 185 / 11 / 13
Media	Air/ Inert Gas
Ambient, Fluid Temperature	-25 °C to 75 °C, Optionally -60 °C to 170 °C (-13 °F to 103 °F) Optionally (-76 °F to 338 °F) -76 °F to 302 °F)
Response ON / OFF	≤ 50ms / ≤ 90ms
Pressure	2 - 10 bar (29 - 150 psi), 2 - 10 bar (29 - 150 psi), 2 - 11 bar (29 - 160 psi)

SOLENOID	
Voltage-Current	DC 12V, 24V, 48V, 110V, 220V, 256V
	AC (50Hz / 60Hz) 24V, 110V, 120V, 230V, 240V
	AC / DC (50Hz / 60Hz / DC) 24V, 110V, 120V, 230, 240V
Power	8W / 6W / 2W / 1W
Protection	Weather Proof IP67 Explosion Proof Ex d, Ex ia, Ex e mb IIC T6 / T5 / T4 IP67
Cable Entry	Pg9 / M20X1.5 / ½" NPT / M25X1.5

ORDERING CODE Solenoid Valve (Valve Code + Solenoid Code)

VALVE TYPE	SIL	SUFFIX	ORIFICE	PORT CONNECTION	BODY INTERNAL	MANUAL OVERRIDE	SEAL	⑦ MEDIA	
51445A	SL	※	6	SB	B5	M0	S2G	※	
ACCESSORIES VALVE, PORT	+	SIZE	VOLTAGE, CURRENT	ENCLOSURE	⑦ MTL	SPECIAL	POWER	INSULATION	APPROVAL
A1		I	24V DC	39	※	※	※	H	01
SIL	-	ACCESSORIES SOLENOID							
SL		B5							

ORDERING CODE Valve Spare Kit

SPARE KIT	VALVE TYPE	SIL	SUFFIX	ORIFICE	PORT CONNECTION	BODY INTERNAL	MANUAL OVERRIDE
99	51445A	SL	*	6	SB	B5	M0
SEAL	-	ACCESSORIES VALVE, PORT					
S2G		A1					

ORDERING CODE Spare Solenoid

SOLENOID KIT	SIZE	VOLTAGE, CURRENT	ENCLOSURE	MTL	SPECIAL	POWER	INSULATION	APPROVAL
34	I	24V DC	39	*	*	*	H	01
SIL	-	ACCESSORIES SOLENOID						
SL		B5						

ORDERING CODE Manifold

MANIFOLD TYPE	SPACE	PORT CONNECTION	MANIFOLD MATERIAL	ACCESSORIES	* VALVE
MF008	6	* BSP R NPT	* ALUMINIUM	Refer to valve Accessories on Page 10	51445 57445
NUMBER OF VALVE	SOLENOID CODE	ACCESSORIES SOLENOID			
3	Refer to Accessories on Page 6 and 7	Refer to Accessories Solenoid on Page 10			

Note : * Specify Complete Valve Code

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

VALVE TYPE-ORIFICE		
CODE		DESCRIPTION
SINGLE SOLENOID SPRING RETURN	DOUBLE SOLENOID	
NORMAL POWER		
51445A-6	57445A-6	2 - 10 bar (29 - 150 psi)
51445-12	57445-12	2 - 10 bar (29 - 150 psi)
51445V01-25	57445V01-25	2 - 10 bar (29 - 150 psi)
LOW POWER		
51445AW-6	57445AW-6	2 - 10 bar (29 - 150 psi)
51445LW-12	57445LW-12	2 - 10 bar (29 - 150 psi)
51445V01LW-25	57445V01LW-25	2 - 10 bar (29 - 150 psi)
⑪ 51445AW-6	⑪ 57445AW-6	2 - 10 bar (29 - 150 psi), 1 Watt, Size III, Power LB1
⑪ 51445LW-12	⑪ 57445LW-12	2 - 10 bar (29 - 150 psi), 1 Watt, Size III, Power LB1
⑪ 51445V01LW-25	⑪ 57445V01LW-25	2 - 8 bar (29 - 116 psi), 1 Watt, Size III, Power LB1
51445A1-6	57445A1-6	2-8 bar (29 - 116 psi), 1 Watt, Size III, Power LW1
51445L1-12	57445L1-12	2-8 bar (29 - 116 psi), 1 Watt, Size III, Power LW1
51445V01L4-25	57445V01L4-25	2-8 bar (29 - 116 psi), 1Watt, Size III, Power LW1
INTRINSICALLY SAFE Ex ia 24V DC		
51445A-6	57445A-6	2 - 10 bar (29 - 150 psi) Ex ia Enclosure Type 66
51445-12	57445-12	2 - 10 bar (29 - 150 psi) Ex ia Enclosure Type 66
51445V01-25	57445V01-25	2 - 10 bar (29 - 150 psi) Ex ia Enclosure Type 66
51445A-6	57445A-6	2 - 10 bar (29 - 150 psi) Ex ia Enclosure Type 66-BP
51445-12	57445-12	2 - 10 bar (29 - 150 psi) Ex ia Enclosure Type 66-BP
51445V01-25	57445V01-25	2 - 10 bar (29 - 150 psi) Ex ia Enclosure Type 66-BP
51445AI-6	57445AI-6	2 - 11 bar (29 - 160 psi)
51445IS-12	57445IS-12	2 - 11 bar (29 - 160 psi)
51445V01IS-25	57445V01IS-25	2 - 11 bar (29 - 160 psi)

SIL CERTIFIED	
CODE	DESCRIPTION
① ✖	NO
SL	YES

SUFFIX	
CODE	DESCRIPTION
① ✖	NIL
⑧ AM	Ammonia
⑪ TC	3 Port NC
⑪ TO	3 Port NO

ORIFICE	
CODE	DESCRIPTION
6	6mm (¼")
12	12mm (½")
25	25mm (1")

PORT CONNECTION	
CODE	DESCRIPTION
SB	Sub Base

BODY MATERIAL	
CODE	DESCRIPTION
① ✖	ALUMINIUM
B5	SS316
B5N	SS316 NACE Compliance

MANUAL OVERRIDE		
CODE		DESCRIPTION
SINGLE SOLENOID	DOUBLE SOLENOID	
M0	M0	NIL
① ✖	—	Stayput cum Momentary
M8	① ✖	Momentary

SEAL		MEDIA
CODE	GRADE, AMBIENT/ FLUID TEMPERATURE	
① ✖	NBR, -25 °C to 75 °C (-13 °F to 167 °F)	✓
S2G	VITON, -40 °C to 160 °C (-40 °F to 320 °F)	✓

⑪ MEDIA	
CODE	DESCRIPTION
① ✖	Air, Inert Gas

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

SIZE-VOLTAGE CURRENT		
CODE	SIZE	COIL VOLTAGE
I-12V DC	I	12V DC
I-24V DC	I	24V DC
I-24V 50Hz	I	24V 50Hz/ 60Hz
I-110V 50Hz	I	110V 50Hz/ 120V 60Hz
I-230V 50Hz	I	230V 50Hz/ 240V 60Hz
III-12V DC	III	12V DC
III-24V DC	III	24V DC
III-24V 50Hz	III	24V 50Hz/ 60Hz
III-24V AC/ DC	III	④ 24V 50Hz/ 60Hz/ DC
III-48V DC	III	48V DC
III-110V DC	III	110V DC
III-110V 50Hz	III	110V 50Hz/ 120V 60Hz
III-110V AC/ DC	III	④ 110V 50Hz/ 60Hz/ DC 120V 50Hz/ 60Hz/ DC
III-220V DC	III	220V DC
III-230V 50Hz	III	230V 50Hz/ 240V 60Hz
III-230V AC/ DC	III	④ 220V 50Hz/ 60Hz/ DC 240V 50Hz/ 60Hz/ DC
III-256V DC	III	256V DC

ENCLOSURE MATERIAL		SPECIAL	
CODE	DESCRIPTION	CODE	DESCRIPTION
① ✖	Aluminium Cast Epoxy Powder Coated	① ✖	NIL
CO	CF8M (SS316 Cast)	⑦ FR	Full Rectifier with Surge Suppressor Size II, III, IV
CO-3M	CF3M (SS316L Cast)	①⑨ LD	LED, Size II, III, IV
		⑫ SS	Surge Suppressor Size II, III, IV
		③⑩ RC	Half Rectifier with Surge Suppressor Size III

INSULATION		SIL	
CODE	DESCRIPTION	CODE	DESCRIPTION
① ✖	CLASS F	① ✖	NO
H	CLASS H	SL	YES

ENCLOSURE TYPE	
CODE	DESCRIPTION
WEATHER PROOF	
⑤ 22	DIN Plug Solenoid, IP67, Cable Entry Pg9, As per DIN43650A, Size I
⑤ 25	DIN Plug Solenoid, IP67, Cable Entry Pg9, As per DIN43650B, Size III, IV
16	Integrated Terminal Box, IP67, 1/2" NPT, -40°C to 100°C (-40°F to 212°F)
19	Integrated Terminal Box, IP 67, M20X1.5, 40°C to 100°C (-40°F to 212°F)
17	Integrated Terminal Box, IP67, Bottom Cable Entry, M25X1.5, Size II, III, IV
17-MS	Integrated Terminal Box, IP67, Bottom Cable Entry, M20X1.5, Size II, III, IV
17-NS	Integrated Terminal Box, IP67, Bottom Cable Entry, 1/2" NPT, Size II, III, IV
17-A	Integrated Terminal Box, IP68, Bottom Cable Entry, M25X1.5, Size II, III, IV
17-MS-A	Integrated Terminal Box, IP68, Bottom Cable Entry, M20X1.5, Size II, III, IV
17-NS-A	Integrated Terminal Box, IP68, Bottom Cable Entry, 1/2" NPT, Size II, III, IV
EXPLOSION PROOF Ex d (For Gas & Dust)	
⑮ 37	Ex d IIC IP66, -40 °C TO 60 °C (-40 °F TO 140 °F), 1/2" NPT(F)
⑮ 39	Ex d IIC IP66, -40 °C TO 60 °C (-40 °F TO 140 °F), M20 X 1.5(F)
87	Ex d IIC IP67, -60 °C TO 100 °C (-76 °F TO 212 °F), M25 X 1.5 (F), Size III
87-MS	Ex d IIC IP67, -60 °C TO 100 °C (-76 °F TO 212 °F), M20 X 1.5(F), Size III
87-NS	Ex d IIC IP67, -60 °C TO 100 °C (-76 °F TO 212 °F), 1/2" NPT(F), Size III
87 -A	Ex d IIC IP68, -60 °C TO 100 °C (-76 °F TO 212 °F), M25 X 1.5, Size III, IV
87-MS-A	Ex d IIC IP68, -60 °C TO 100 °C (-76 °F TO 212 °F), M20 X 1.5, Size III, IV
87-NS-A	Ex d IIC IP68, -60 °C TO 100 °C (-76 °F TO 212 °F), 1/2" NPT, Size III, I
88	Explosion Proof, UL Listed, -60°C to 100°C (-76°F to 212°F), M25 X 1.5, Size II, III, IV
88-MS	Explosion Proof, UL Listed, -60°C to 100°C (-76°F to 212°F), M20 X 1.5, Size II, III, IV
88-NS	Explosion Proof, UL Listed, -60°C to 100°C (-76°F to 212°F), 1/2" NPT, Size II, III, IV
EXPLOSION PROOF Ex e mb (For Gas & Dust)	
58	Ex e mb IIC, IP67, -40 °C TO 70 °C (-40 °F TO 158 °F), M25 X 1.5(F)
58-MS	Ex e mb IIC, IP67, -40 °C TO 70 °C (-40 °F TO 158 °F), M20 X 1.5(F)
58-NS	Ex e mb IIC, IP67, -40 °C TO 70 °C (-40 °F TO 158 °F), 1/2" NPT(F)
58LT	Ex e mb IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M25 X 1.5(F)
58LT-MS	Ex e mb IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M20 X 1.5(F)
58LT-NS	Ex e mb IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), 1/2" NPT(F)
EXPLOSION PROOF Ex ia (For Gas & Dust)	
③ 65-CR	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), Pg9, SIZE III, DIN Plug In Enclosure
66	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M25 X 1.5(F), Size III, Booster Circuit
66-MS	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M20 X 1.5(F), Size III, Booster Circuit
66-NS	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), 1/2" NPT(F), Size III, Booster circuit
66-BP	Ex ia IIC, IP67, -60°C TO 70°C (-76°F TO 158°F), M25 X 1.5, Size III, Booster Circuit
66-MS-BP	Ex ia IIC, IP67, -60°C TO 70°C (-76°F TO 158°F), M20 X 1.5, Size III, Booster Circuit
66-NS-BP	Ex ia IIC, IP67, -60°C TO 70°C (-76°F TO 158°F), 1/2" NPT, Size III, Booster circuit
67	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M25 X 1.5(F), Size III
67-MS	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M20 X 1.5(F), Size III
67-NS	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), 1/2" NPT(F), Size III
71	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M25 X 1.5(F), Size III
71-MS	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), M20 X 1.5(F), Size III
71-NS	Ex ia IIC, IP67, -60 °C TO 70 °C (-76 °F TO 158 °F), 1/2" NPT(F), Size III

POWER																
			12V DC	24V DC	24V 50 Hz	24V AC/ DC	48V DC	110V DC	110V 50Hz	110V AC/ DC		230V 50Hz	220V DC	230V AC/ DC		256V DC
CODE	SIZE	POWER WATT	12V DC	24V DC	24V 50 Hz/ 60 Hz	24V 50Hz/ 60 Hz/ DC	48V DC	110V DC	110V 50Hz 120V 60Hz	110V 50Hz/ ④ 60Hz/ DC	120V 50Hz/ ④ 60Hz/ DC	230V 50Hz 240V 60Hz	220V DC	220V 50Hz/ ④ 60Hz/ DC	240V 50Hz/ ④ 60Hz/ DC	256V DC
LW2	I	2.0		✓												
①✖	I	6.0			✓				✓			✓				
①✖	I	8.0	✓	✓												
LW1	III	1		✓												
LW2	III	2.0	✓	✓				✓		✓	✓					
①✖	III	6.0			✓				✓			✓				
①✖	III	8.0	✓	✓		✓	✓	✓		✓			✓	✓		
		9.0									✓				✓	✓
⑪ LB0.4	III	0.4		✓												

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

APPROVAL		9 ENCLOSURE TYPE													
CODE	DESCRIPTION	17	37	39	58	58LT	62	65CR	66	67	71	87	17A	87A	88
① 15 ✖	CCOE/ PESO + BIS, Insulation Class H		✓	✓			✓	✓	✓	✓	✓	✓		✓	
01	CE - ATEX, Insulation Class H		✓	✓	✓	✓									
01	IEC Ex + ATEX, Insulation Class H						✓		✓	✓	✓	✓		✓	
01B	CCOE / PESO + CE - ATEX		✓	✓	✓	✓									
01B	CCOE / PESO + IEC Ex + ATEX						✓	✓	✓	✓	✓	✓		✓	
02	UL Recognised, for USA and Canada, Type 3, 3S, 4, 4X, 6, 6P UL file Number E 342217	✓											✓		
03	INMETRO + ATEX, Insulation Class H		✓	✓			✓		✓	✓	✓	✓		✓	
03C	IEC Ex + ATEX + IN METRO + CuTR-EAC											✓		✓	
03U	IEC Ex + ATEX + IN METRO + UL (Type 3, 3S, 4, 4X, 6, 6P)	✓										✓		✓	
04	CuTR- EAC + ATEX, Insulation Class H		✓	✓			✓		✓	✓	✓	✓		✓	
04U	IEC Ex + ATEX + CuTR + UL (Type 3, 3S, 4, 4X, 6, 6P)	✓										✓	✓	✓	
② 07	KOSHA + ATEX, Insulation Class H											✓		✓	
08	Ukraine, Insulation Class H						✓		✓	✓	✓	✓		✓	
09	UL Listed Ex for USA & Canada Class I, DIV 1, Class II, DIV 1, Class III DIV 1														✓
12	ITRI Certification (TS Certification Taiwan)						✓		✓	✓	✓				
②3 CE	CE (Weatherproof Solenoid)	✓											✓		
②0 EAC	EAC MARK	✓											✓		

Note :

- ① Do not Specify when opted for
- ② Approval Other than BIS, CCOE / PESO, DGMS
- ③ BIS, CCOE / PESO, DGMS Approved coil
- ④ Opt FR from special
- ⑤ Current DC, 50Hz, 60Hz
- ⑦ Do not Opt for Enclosure Type 01, 06, 22, 25
- ⑧ Select Body Material SS316 (B5), Solenoid DC or AC / DC Current
- ⑨ All variation of 17, 37, 39, 58, 58LT, 62, 65CR, 66, 67, 71, 87 included
- ⑩ Media should be Oil free Air / Inert Gas / Water
- ⑪ Do not opt for 01, 06, 22, 25. In rush 2W for 100 msec, Holding 0.4W
- ⑫ Current DC
- ⑬ Ambient Temperature restricted for Enclosure Type 17, 37, 39, 58, 58LT, 62, 65CR, 66, 67, 71, 87 to Solenoid Ambient Temperature
- ⑭ Select Nil or one Accessories from A1 to A6 for Valve and B1 to B8 for Solenoid
- ⑮ IP67 Certified by BIS, CCOE / PESO, DGMS
- ⑰ Select Solenoid XXXV DC or III-XXXV AC / DC
- ⑱ Type 57440, 57440A, 57441, 57440LW, P5006, I5006, I5006RP with suffix TC (Port 4 plugged) can be used as 3 Port NC Valve
- ⑲ Type 57440, 57440A, 57441, 57440LW, P5006, I5006, I5006RP with suffix TO (Port 2 plugged) can be used as 3 Port NO Valve
- ⑳ Opt for Enclosure Type 01, 06
- ㉑ KOSHA Certificate only for Enclosure size II 720W
- ㉒ Orifice 6, 12, 25
- ㉓ Can not be opted for Enclosure Type 01, 06, 16, 19, 22, 25
- ㉔ Enclosure Type 17, 17NS, 87, 87MS, 87NS
- ㉕ For Body material B17 (Brass Forged) and B12 (Cast Ss316), add suffix V01 to Valve Type
- ㉖ Do not Opt for Enclosure Type 01, 06, 22
- ㉗ Media shall not be part of Ordering code but It shall be printed separately on Valve
- ㉘ For Solenoid type 25 with AC current supply, Use 50Hz with Special RC Option
- ㉙ For Intrinsically Safe Solenoid, LD (LED) can be opted with CCOE/PESO certification only
- ㉚ Seal Kit Code P98 & Repair Kit Code 99 for Intrinsically Safe Valve

ENTITY PARAMETER		MINIMUM OPERATING PARAMETER			RESPONSE ON TIME FOR SOLENOID TYPE 66-BP								
Entity Parameter		Type	62	62..LD..	Voltage(V)	6.5	7	8	9.5	10.5	11.5	12.5	14
Ui	32V DC	Minimum Voltage (V)	12.5	14	Current(mA)	9	10.15	12.5	15	17.5	20	22	24.5
Ii	230mA	Minimum Current (mA)	25.5	28.5	Response Time(ms) ≤	2500	2350	1600	1200	1100	1000	600	250
Pi	2.3W	Minimum Power (W)	0.3	0.4									
Ci	0	LED	NO	YES									
Li	0	Pressure (bar)	10	10									

MINIMUM OPERATING PARAMETER

Type	66	66..LD..	66-BP	66-BP-LD	65CR	67	67..LD..	71	71..LD..
Minimum Voltage (V)	10	10	6.5	7	14	14	15	14	14
Minimum Current (mA)	20	21	9	10.15	25	25	28	25	28
Minimum Power (W)	0.20	0.21	0.06	0.07	0.35	0.35	0.42	0.35	0.42
LED	No	Yes	No	Yes	No	No	Yes	No	Yes
Pressure (bar)	As per Solenoid Valve rating		Maximum 11.0					As per Solenoid Valve rating	

RESPONSE ON TIME FOR SOLENOID TYPE 62, 66, 62..LD.., 66..LD..

Voltage (V)	10	11	12	14	18	22	24	26	30	32	Current (mA)	18.5	20	25	30
Current (mA)	20	22	24	28.5	37	45.5	49.7	54	63	67	Open Ckt Voltage (V)	19.5	19.5	19.5	19.5
Response Time (ms) ≤	4800	3800	2500	1600	850	650	450	400	250	250	Time (ms) ≤	5000	4000	2500	2000

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

Explosion Proof

ENCLOSURE TYPE 37/ 39

SIZE	Power	BIS & PESO, DGMS	ATEX / INMETRO	EAC - CuTR (Russia)
I II IV	≤ 5W ≤ 8W ≤ 11W	Ex d IIC T6/ T5 Gb IP67 -20 °C ≤ Ta ≤ 65 °C FOR T6 -20 °C ≤ Ta ≤ 70 °C FOR T5	Ex db IIC T6/ T5 Gb Ex tb IIIC T80°C/ T95°C Db, IP66/ IP67 -40°C ≤ Ta ≤ 65°C FOR T6 -40°C ≤ Ta ≤ 70°C FOR T5	1 Ex db IIC T6/ T5/ T4 Gb Ex tb IIIC T80°C/ 95°C/ 130°C Db, IP66 -40°C ≤ Ta ≤ 35°C FOR T6 -40°C ≤ Ta ≤ 50°C FOR T5 -40°C ≤ Ta ≤ 60°C FOR T4
I II III	≤ 8W ≤ 13W ≤ 8W	Ex d IIC T6/ T5 Gb IP67 -20°C ≤ Ta ≤ 60°C FOR T6 -20°C ≤ Ta ≤ 70°C FOR T5	Ex db IIC T6/ T5 Gb Ex tb IIIC T80°C/ T95°C Db, IP66/ IP67 -40°C ≤ Ta ≤ 60°C FOR T6 -40°C ≤ Ta ≤ 70°C FOR T5	
III	≤ 15W	Ex d IIC T6/ T5/ T4 Gb IP67 -20°C ≤ Ta ≤ 50°C FOR T6 -20°C ≤ Ta ≤ 65°C FOR T5 -20°C ≤ Ta ≤ 70°C FOR T4	Ex db IIC T6/ T5/ T4 Gb Ex tb IIIC T80°C/ T95°C/ T130°C Db, IP66/ IP67 -40°C ≤ Ta ≤ 50°C FOR T6 -40°C ≤ Ta ≤ 65°C FOR T5 -40°C ≤ Ta ≤ 70°C FOR T4	
III IV	≤ 5W ≤ 5W	Ex d IIC T6 Gb IP67 -20 °C ≤ Ta ≤ 70 °C FOR T6	Ex db IIC T6 Gb Ex tb IIIC T80°C Db, IP66/ IP67 -40°C ≤ Ta ≤ 70°C FOR T6	
II	≤ 20W	Ex d IIC T6/ T5 Gb IP67 -20°C ≤ Ta ≤ 55°C FOR T6 -20°C ≤ Ta ≤ 70°C FOR T5	Ex db IIC T6/ T5 Gb Ex tb IIIC T80°C/ T95°C Db, IP66/ IP67 -40 °C ≤ Ta ≤ 55 °C FOR T6 -40 °C ≤ Ta ≤ 70 °C FOR T5	
II	≤ 30W	Ex d IIC T6/ T5/ T4 Gb IP67 -20°C ≤ Ta ≤ 40°C FOR T6 -20°C ≤ Ta ≤ 55°C FOR T5 -20°C ≤ Ta ≤ 70°C FOR T4	Ex db IIC T6/ T5/ T4 Gb Ex tb IIIC T80°C/ T95°C/ T130°C Db, IP66/ IP67 -40 °C ≤ Ta ≤ 40 °C FOR T6 -40 °C ≤ Ta ≤ 55 °C FOR T5 -40 °C ≤ Ta ≤ 70 °C FOR T4	

ENCLOSURE TYPE 87

SIZE	Power	ATEX, IEC Ex, BIS & PESO, DGMS	INMETRO	EAC - CuTR (Russia) / UKRANE	KOSHA
III II IV	≤ 5W ≤ 8W ≤ 11W	Ex d IIC T6/T5/T4 Gb IP67 Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +65°C for T6 -60°C ≤ Ta ≤ +80°C for T5 -60°C ≤ Ta ≤ +100°C for T4	Ex d IIC T6/T5/T4 Gb Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +65°C for T6 -60°C ≤ Ta ≤ +80°C for T5 -60°C ≤ Ta ≤ +100°C for T4	1 Ex d IIC T6/T5/T4 Gb IP67 Ex tb IIIC T80°C/T95°C/T130°C Db ИЛИ -60°C ≤ Ta ≤ +65°C for T6 -60°C ≤ Ta ≤ +80°C for T5 -60°C ≤ Ta ≤ +100°C for T4	형식 또는 모델명 : 87, BCE 규격 또는 등급 : Ex d IIC T3-T6 제조자명 : Rotex Automation Limited 안전인증 번호 : IS-AV4BO-0000
III II	≤ 8W ≤ 13W ≤ 8W	Ex d IIC T6/T5/T4 Gb IP67 Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +60°C for T6 -60°C ≤ Ta ≤ +75°C for T5 -60°C ≤ Ta ≤ +100°C for T4	Ex d IIC T6/T5/T4 Gb Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +60°C for T6 -60°C ≤ Ta ≤ +75°C for T5 -60°C ≤ Ta ≤ +100°C for T4	1 Ex d IIC T6/T5/T4 Gb IP67 Ex tb IIIC T80°C/T95°C/T130°C Db ИЛИ -60°C ≤ Ta ≤ +60°C for T6 -60°C ≤ Ta ≤ +75°C for T5 -60°C ≤ Ta ≤ +100°C for T4	
III	≤ 15W	Ex d IIC T6/T5/T4 Gb IP67 Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +50°C for T6 -60°C ≤ Ta ≤ +65°C for T5 -60°C ≤ Ta ≤ +100°C for T4	Ex d IIC T6/T5/T4 Gb Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +50°C for T6 -60°C ≤ Ta ≤ +65°C for T5 -60°C ≤ Ta ≤ +100°C for T4	1 Ex d IIC T6/T5/T4 Gb IP67 Ex tb IIIC T80°C/T95°C/T130°C Db ИЛИ -60°C ≤ Ta ≤ +50°C for T6 -60°C ≤ Ta ≤ +65°C for T5 -60°C ≤ Ta ≤ +100°C for T4	
IV	≤ 5W ≤ 5W	Ex d IIC T6/T5/T4 Gb IP67 Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +70°C for T6 -60°C ≤ Ta ≤ +85°C for T5 -60°C ≤ Ta ≤ +100°C for T4	Ex d IIC T6/T5/T4 Gb Ex t IIIC T85°C/T100°C/T135°C Db IP67 -60°C ≤ Ta ≤ +70°C for T6 -60°C ≤ Ta ≤ +85°C for T5 -60°C ≤ Ta ≤ +100°C for T4	1 Ex d IIC T6/T5/T4 Gb IP67 Ex tb IIIC T80°C/T95°C/T130°C Db ИЛИ -60°C ≤ Ta ≤ +70°C for T6 -60°C ≤ Ta ≤ +85°C for T5 -60°C ≤ Ta ≤ +100°C for T4	
II	≤ 20W	Ex d IIC T5/T4/T3 Gb IP67 Ex IIIC T100°C/T135°C/155°C Db IP67 -60°C ≤ Ta ≤ +45°C for T5 -60°C ≤ Ta ≤ +80°C for T4 -60°C ≤ Ta ≤ +100°C for T3	Ex d IIC T5/T4/T3 Gb Ex IIIC T100°C/T135°C/155°C Db IP67 -60°C ≤ Ta ≤ +45°C for T5 -60°C ≤ Ta ≤ +80°C for T4 -60°C ≤ Ta ≤ +100°C for T3	1 Ex d IIC T5/T4/T3 Gb IP67 Ex tb IIIC T95°C/T130°C/T155°C Db ИЛИ -60°C ≤ Ta ≤ +45°C for T5 -60°C ≤ Ta ≤ +80°C for T4 -60°C ≤ Ta ≤ +100°C for T3	
II	≤ 30W	Ex d IIC T4/T3 Gb IP67 Ex IIIC T135°C/T150°C Db IP67 -60°C ≤ Ta ≤ +60°C for T4 -60°C ≤ Ta ≤ +70°C for T3	Ex d IIC T4/T3 Gb Ex IIIC T135°C/T155°C Db IP67 -60°C ≤ Ta ≤ +60°C for T4 -60°C ≤ Ta ≤ +70°C for T3	1 Ex d IIC T4/T3 Gb IP67 Ex tb IIIC T130°C/T155°C Db ИЛИ -60°C ≤ Ta ≤ +60°C for T4 -60°C ≤ Ta ≤ +70°C for T3	

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

Explosion Proof

ENCLOSURE TYPE 58

SIZE	Power	CE-ATEX, Insulation H
II IV	≤ 5W ≤ 8W ≤ 11W	Ex II 2GD Ex e mb IIC T6/T5 Gb IP67 Ex tb IIIC T6/ T5 Db IP67 -40°C ≤ Ta ≤ 65°C for T6 -40°C ≤ Ta ≤ 70°C for T5
II III	≤ 8W ≤ 13W ≤ 8W	Ex II 2GD Ex e mb IIC T6/T5 Gb IP67 Ex tb IIIC T6/ T5 Db IP67 -40°C ≤ Ta ≤ 60°C for T6 -40°C ≤ Ta ≤ 70°C for T5
III	≤ 15W	Ex II 2GD Ex e mb IIC T6/T5/T4 Gb IP67 Ex tb IIIC T6/ T5/ T4 Db IP67 -40°C ≤ Ta ≤ 50°C for T6 -40°C ≤ Ta ≤ 65°C for T5 -40°C ≤ Ta ≤ 70°C for T4
III IV	≤ 5W ≤ 5W	Ex II 2GD Ex e mb IIC T6 Gb IP67 Ex tb IIIC T6 Db IP67 -40°C ≤ Ta ≤ 70°C for T6
II	≤ 20W	Ex II 2GD Ex e mb IIC T6/T5 Gb IP67 Ex tb IIIC T6/ T5 Db IP67 -40°C ≤ Ta ≤ 50°C for T6 -40°C ≤ Ta ≤ 70°C for T5
II	≤ 30W	Ex II 2GD Ex e mb IIC T6/T5/T4 Gb IP67 Ex tb IIIC T6/ T5/ T4 Db IP67 -40°C ≤ Ta ≤ 40°C for T6 -40°C ≤ Ta ≤ 55°C for T5 -40°C ≤ Ta ≤ 70°C for T4

ENCLOSURE TYPE 58LT

SIZE	Power	CE-ATEX, Insulation H
II IV	≤ 5W ≤ 8W ≤ 11W	Ex II 2GD Ex e mb IIC T6/T5 Gb IP67 Ex tb IIIC T6/ T5 Db IP67 -60°C ≤ Ta ≤ 65°C for T6 -60°C ≤ Ta ≤ 70°C for T5
II III	≤ 8W ≤ 13W ≤ 8W	Ex II 2GD Ex e mb IIC T6/T5 Gb IP67 Ex tb IIIC T6/ T5 Db IP67 -60°C ≤ Ta ≤ 60°C for T6 -60°C ≤ Ta ≤ 70°C for T5
III	≤ 15W	Ex II 2GD Ex e mb IIC T6/T5/T4 Gb IP67 Ex tb IIIC T6/ T5/ T4 Db IP67 -60°C ≤ Ta ≤ 50°C for T6 -60°C ≤ Ta ≤ 65°C for T5 -60°C ≤ Ta ≤ 70°C for T4
III IV	≤ 5W ≤ 5W	Ex II 2GD Ex e mb IIC T6 Gb IP67 Ex tb IIIC T6 Db IP67 -60°C ≤ Ta ≤ 70°C for T6
II	≤ 20W	Ex II 2GD Ex e mb IIC T6/T5 Gb IP67 Ex tb IIIC T6/ T5 Db IP67 -60°C ≤ Ta ≤ 55°C for T6 -60°C ≤ Ta ≤ 70°C for T5
II	≤ 30W	Ex II 2GD Ex e mb IIC T6/T5/T4 Gb IP67 Ex tb IIIC T6/ T5/ T4 Db IP67 -60°C ≤ Ta ≤ 40°C for T6 -60°C ≤ Ta ≤ 55°C for T5 -60°C ≤ Ta ≤ 70°C for T4

ENCLOSURE TYPE 88

SIZE	Power	US & Canada (UL Recognized)
III	≤ 6W	CLASS I, DIV I, GROUP B, C, D CLASS II, DIV I, GROUP E, F, G CLASS III, DIV I -60 °C ≤ Ta ≤ 55 °C FOR T6 -60 °C ≤ Ta ≤ 70 °C FOR T5 -60 °C ≤ Ta ≤ 100 °C FOR T4 TYPE 3, 3R, 3S, 4, 4X, 6, 6P
IV	≤ 5W	CLASS I, DIV I, GROUP B, C, D CLASS II, DIV I, GROUP E, F, G CLASS III, DIV I -60 °C ≤ Ta ≤ +65 °C FOR T6 -60 °C ≤ Ta ≤ +80 °C FOR T5 -60 °C ≤ Ta ≤ +100 °C FOR T4A TYPE 3, 3R, 3S, 4, 4X, 6, 6P
II III IV	≤ 9W ≤ 9W ≤ 13W	CLASS I, DIV I, GROUP B, C, D CLASS II, DIV I, GROUP E, F, G CLASS III, DIV I -60 °C ≤ Ta ≤ +60 °C FOR T6 -60 °C ≤ Ta ≤ +75 °C FOR T5 -60 °C ≤ Ta ≤ +95 °C FOR T4A -60 °C ≤ Ta ≤ +100 °C FOR T4 TYPE 3, 3R, 3S, 4, 4X, 6, 6P
II III	≤ 15W ≤ 17W	CLASS I, DIV I, GROUP B, C, D CLASS II, DIV I, GROUP E, F, G CLASS III, DIV I -60 °C ≤ Ta ≤ +50 °C FOR T6 -60 °C ≤ Ta ≤ +65 °C FOR T5 -60 °C ≤ Ta ≤ +85 °C FOR T4A -60 °C ≤ Ta ≤ +100 °C FOR T4 TYPE 3, 3R, 3S, 4, 4X, 6, 6P
II	≤ 22W	CLASS I, DIV I, GROUP B, C, D CLASS II, DIV I, GROUP E, F, G CLASS III, DIV I -60 °C ≤ Ta ≤ +45 °C FOR T6 -60 °C ≤ Ta ≤ +60 °C FOR T5 -60 °C ≤ Ta ≤ +70 °C FOR T4A TYPE 3, 3R, 3S, 4, 4X, 6, 6P
II	≤ 30W	CLASS I, DIV I, GROUP B, C, D CLASS II, DIV I, GROUP E, F, G CLASS III, DIV I -60 °C ≤ Ta ≤ +30 °C FOR T6 -60 °C ≤ Ta ≤ +45 °C FOR T5 -60 °C ≤ Ta ≤ +65 °C FOR T4A -60 °C ≤ Ta ≤ +70 °C FOR T4 TYPE 3, 3R, 3S, 4, 4X, 6, 6P

ENCLOSURE TYPE 62, 66, 67 & 71

Enclosure	ATEX/ IECEx (Eurpoe)/ INMETRO/ CEPEL (Brazil)	EAC - CuTR (Russia)
Al Cast	Ex ia IIC T5 Ga (-60°C ≤ Ta ≤ +75°C) Ex ia IIC T6 Ga (-60°C ≤ Ta ≤ +60°C) Ex ia IIIC T200 125°C IP67 Da (60°C ≤ Ta ≤ +75°C)	0 Ex ia IIC T5 Ga IP67 (-60°C ≤ Ta ≤ +75°C) 0 Ex ia IIC T6 Ga IP67 (-60°C ≤ Ta ≤ +60°C) 0 Ex ia IIIC T200 125°C IP67 Da (-60°C ≤ Ta ≤ +75°C)
SS Cast	Ex ia IIC T5 Ga (-60°C ≤ Ta ≤ +75°C) Ex ia IIC T6 Ga (-60°C ≤ Ta ≤ +60°C) Ex ia IIIC T200 125°C IP67 Da (60°C ≤ Ta ≤ +75°C) Ex ia I Ma (-60°C ≤ Ta ≤ 75°C)	0 Ex ia IIC T5 Ga IP67 (-60°C ≤ Ta ≤ +75°C) 0 Ex ia IIC T6 Ga IP67 (-60°C ≤ Ta ≤ +60°C) 0 Ex ia IIIC T200 125°C IP67 Da (-60°C ≤ Ta ≤ +75°C) PO Ex ia I Ma (-60°C ≤ Ta ≤ +75°C) (ТОЛЬКО сталь) ИЛИ
Al Cast	Ukraine 0 Ex ia IIC T5 X -60°C ≤ Ta ≤ +75°C 0 Ex ia IIC T6 X -60°C ≤ Ta ≤ +60°C	
SS Cast	PO Иа X -60°C ≤ Ta ≤ +75°C (ДЛЯ варіанта у сталюму корпусі) 0 Ex ia IIC T5 X -60°C ≤ Ta ≤ +75°C 0 Ex ia IIC T6 X -60°C ≤ Ta ≤ +60°C	BIS & PESO, DGMS Ex ia IIC T5, IP67 (-40°C ≤ Ta ≤ 75°C) Ex ia IIC T6, IP67 (-40°C ≤ Ta ≤ 60°C)

ENCLOSURE TYPE 65CR

BIS & PESO, DGMS
Ex ia IIC T5, IP67 (-40°C ≤ Ta ≤ 75°C) Ex ia IIC T6, IP67 (-40°C ≤ Ta ≤ 60°C)

MARKING Weather Proof

ENCLOSURE TYPE 17

US & Canada (UL Recognised)
TYPE 3, 3R, 3S, 4, 4X, 6 & 6P -60°C to +100°C POWER ≤ 20W -60°C to +60°C 20W < POWER ≤ 30W

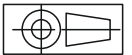
5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

14 ACCESSORIES			
	CODE	DESCRIPTION	
	① ✖	NIL	VALVE
	A1	NRV Metallic Dust cap SS316, ideally suited for Protecting Valve internals from external Environment (Ambient Temperature -60°C to 150°C (-76°F to 302°F), Water, Snow, Bugs, etc.	
	A3	Silencer Sintered Bronze	
	A4	Silencer Sintered SS	
	A5	Dust Cap (Ambient Temperature -20°C to 80°C (-4°F to 176°F)	
	A6	NRV Dust cap Nylon, ideally suited for preventing external Environmental Media / Water / Liquid entering in the valve. Supplied only for 1/4" BSP / NPT (Ambient Temperature -20°C to 80°C (-4°F to 176°F)	
	① ✖	NIL	PORT
	AP5A to AP5E	Adopter Plate (Refer to page15)	
	MF008	Manifold (Refer to page16)	
	① ✖	NIL	SOLENOID
	B1	Weather Proof Cable Gland M20X1.5(M) Brass	
	B5	ATEX Approved Cable Gland (Plastic) M20X1.5(M) (Ambient Temperature -20°C to 80°C (-4°F to 176°F)	
	B6	ATEX Approved Cable Gland (BRASS) M20X1.5(M) (Ambient Temperature -20°C to 80°C (-4°F to 176°F)	
	B7	ATEX Approved Cable Gland (SS316) M20X1.5(M) (Ambient Temperature -20°C to 80°C (-4°F to 176°F)	
	B8	Weather Proof Cable gland M20X1.5(M) (Plastic)	
	B3	Explosion Proof Double Compression Cable Gland (BRASS) 1/2" NPT(M) (Ambient Temperature -20°C to 80°C (-4°F to 176°F), CCOE / PESO Certified	
	B4	Explosion Proof Double Compression Cable Gland (SS316) 1/2" NPT(M) (Ambient Temperature -20°C to 80°C (-4°F to 176°F), CCOE / PESO Certified	

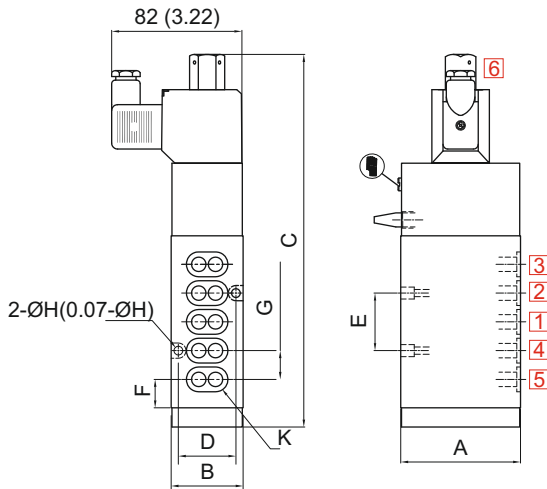
SERIES : 52S

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

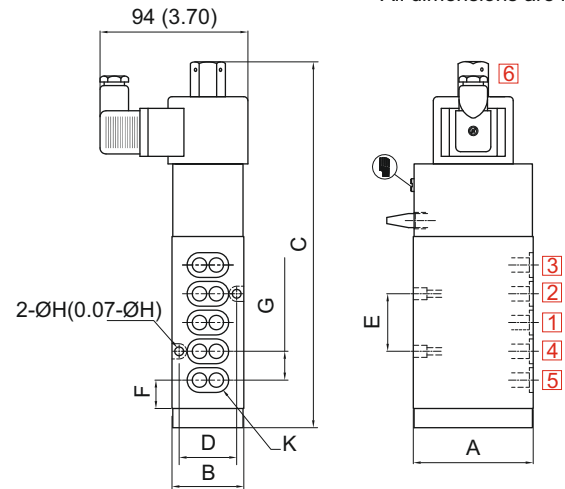
DIMENSIONS



All dimensions are in mm (inch)



Valve Type	51445A, 51445, 51445V01, 51445AW, 51445LW, 51445V01LW
Enclosure Type	22
Enclosure Size	I
Body Material	AL, SS



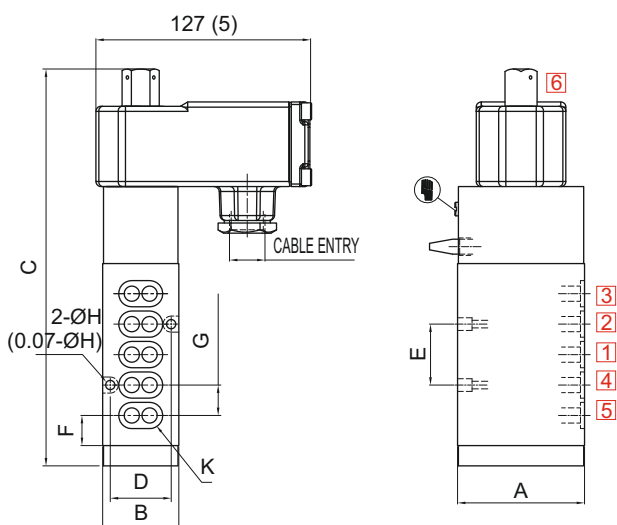
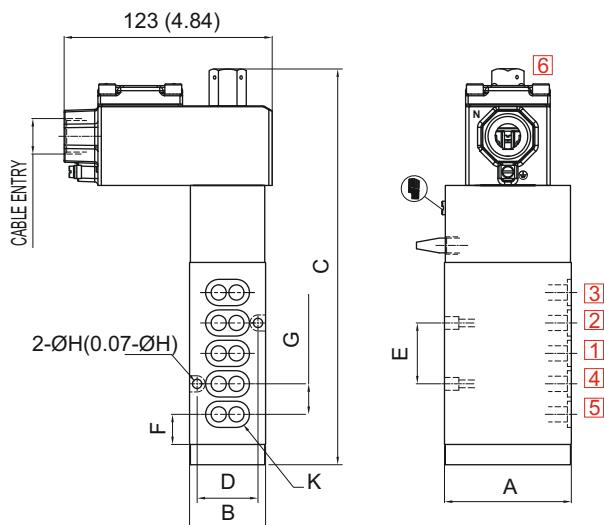
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Enclosure Type	25, 65CR
Enclosure Size	III
Body Material	Al, SS

Valve Type : 51445A, 51445, 51445V01, 51445AW, 51445LW, 51445V01LW, 51445A1, 51445L1, 51445V01L1, 51445IS, 51445V01IS, 51445AI, 51445IR, 51445AR, 51445V01IR

NW	K	A	B	C	D	E	F	G	H
6	SUBBASE	53(2.08)	38(1.49)	195(11.61)	29(7.67)	23(1.96)	14(2.12)	12(0.47)	4.5(0.17)
12	SUBBASE	75(2.95)	45(1.77)	233(13.42)	36(1.41)	36(1.41)	18(0.70)	18(0.70)	6.5(0.25)
25	SUBBASE	110(4.33)	81(3.18)	290(15.35)	80(1.96)	27(2.12)	XX(0.82)	29(1.14)	8.5(0.33)

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

DIMENSIONS



Valve Type	51445A, 51445, 51445V01, 51445AW, 51445LW, 51445V01LW, 51445A1, 51445L1, 51445V01L1, 51445IS, 51445V01IS, 51445AI, 51445IR, 51445AR, 51445V01IR
Enclosure Type	16, 19, 37, 39, 58, 58LT, 67
Enclosure Size	III
Body Material	AL, SS

Valve Type	51445A, 51445, 51445V01, 51445AW, 51445LW, 51445V01LW, 51445A1, 51445L1, 51445V01L1, 51445IS, 51445V01IS, 51445AI, 51445IR, 51445AR, 51445V01IR
Enclosure Type	17, 87, 66, 71
Enclosure Size	III
Body Material	AL, SS

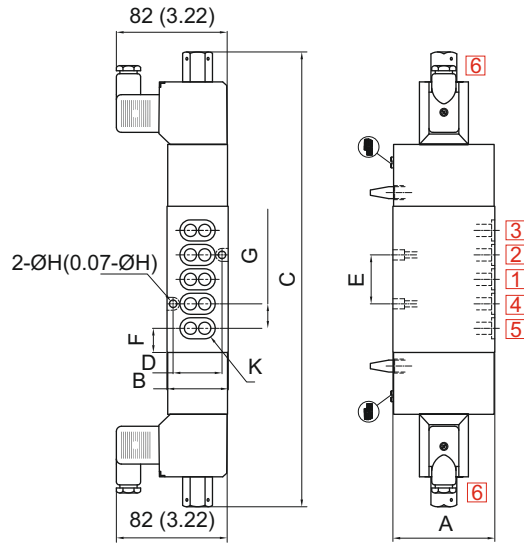
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NW	K	A	B	C	D	E	F	G	H
6	SUBBASE	53(2.08)	38(1.49)	195(11.61)	29(7.67)	23(1.96)	14(2.12)	12(0.47)	4.5(0.17)
12	SUBBASE	75(2.95)	45(1.77)	233(13.42)	36(1.41)	36(1.41)	18(0.70)	18(0.70)	6.5(0.25)
25	SUBBASE	110(4.33)	81(3.18)	290(15.35)	80(1.96)	27(2.12)	XX(0.82)	29(1.14)	8.5(0.33)

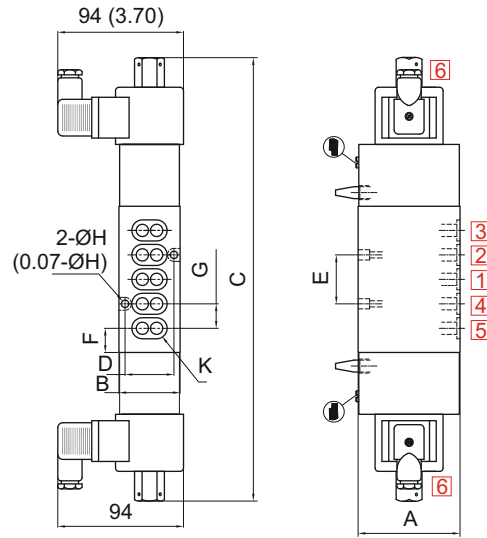
SERIES : 52S

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

DIMENSIONS



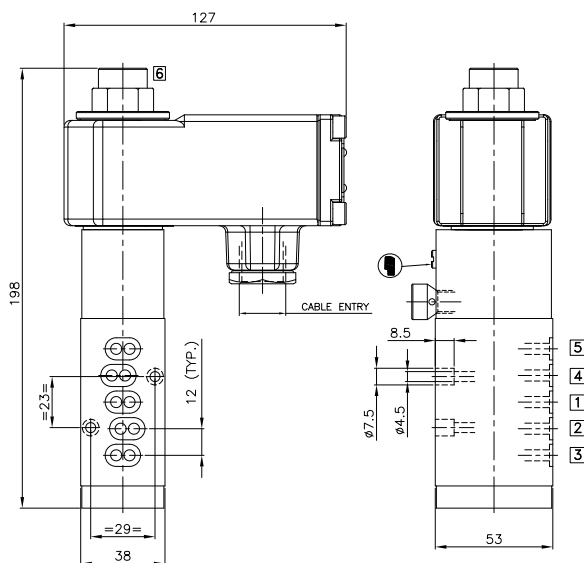
Valve Type	57445A, 57445, 57445V01, 57445LW, 57445AW, 57445V01LW
Enclosure Type	22
Enclosure Size	I
Body Material	AL, SS



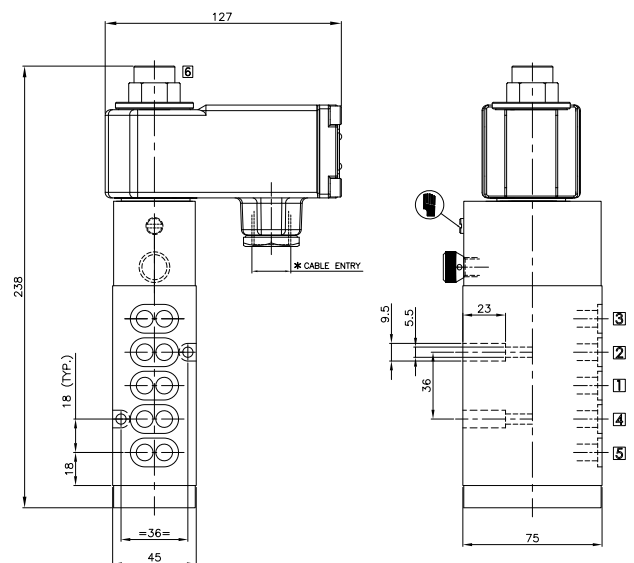
Valve Type	57445A, 57445, 57445V01, 57445AW, 57445LW, 57445V01LW, 57445A1, 57445L1, 57445V01L4, 57445IS, 57445AI, 57445V01IS, 57445IR, 57445AR, 57445V01IR
Enclosure Type	25, 65CR
Enclosure Size	III
Body Material	AL, SS

Valve Type : 51445A, 51445, 51445V01, 51445AW, 51445LW, 51445V01LW, 51445A1, 51445L1, 51445V01L1, 51445IS, 51445V01IS, 51445AI, 51445IR, 51445AR, 51445V01IR

NW	K	A	B	C	D	E	F	G	H
6	SUBBASE	53(2.08)	38(1.49)	195(11.61)	29(7.67)	23(1.96)	14(2.12)	12(0.47)	4.5(0.17)
12	SUBBASE	75(2.95)	45(1.77)	233(13.42)	36(1.41)	36(1.41)	18(0.70)	18(0.70)	6.5(0.25)
25	SUBBASE	110(4.33)	81(3.18)	290(15.35)	80(1.96)	27(2.12)	XX(0.82)	29(1.14)	8.5(0.33)



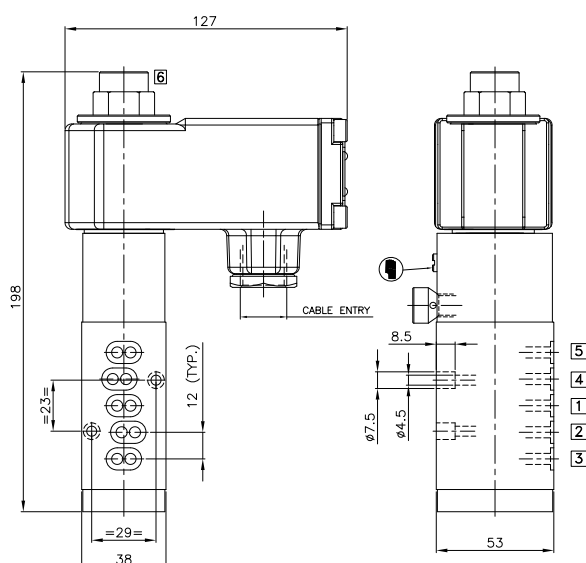
Valve Type	51445A-6
Enclosure Type	88
Enclosure Size	III
Body Material	AL, SS



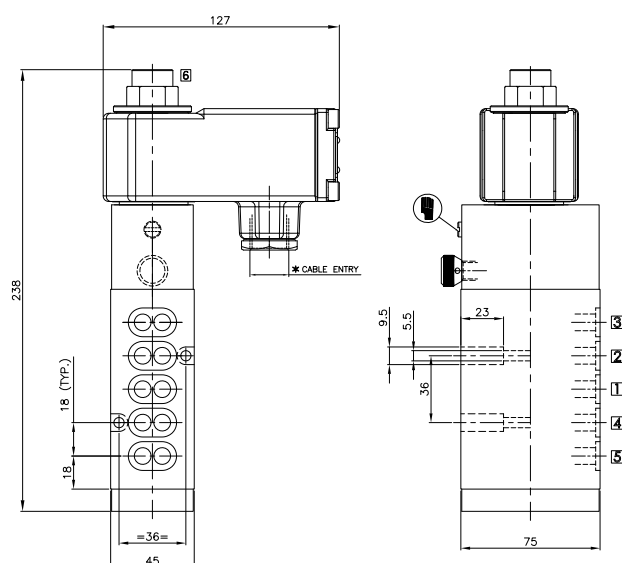
Valve Type	51445, 51445LW-12
Enclosure Type	88
Enclosure Size	III
Body Material	AL, SS

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

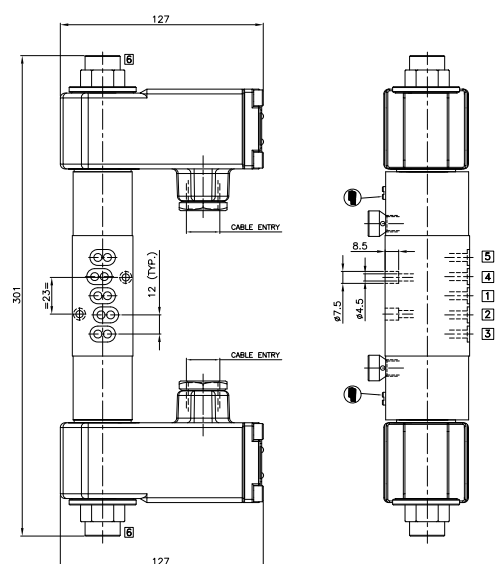
DIMENSIONS



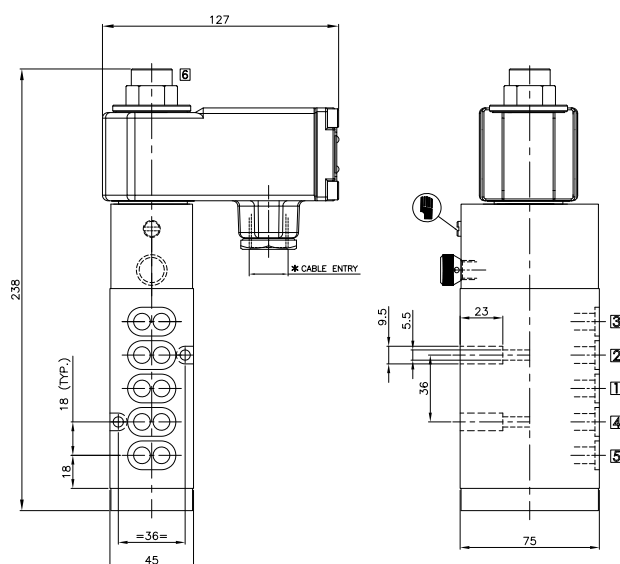
Valve Type	51445A-6
Enclosure Type	22
Enclosure Size	I
Body Material	AL. SS



Valve Type	51445, 51445LW-12
Enclosure Type	88
Enclosure Size	III
Body Material	AL, SS



Valve Type	57445A-6
Enclosure Type	22
Enclosure Size	I
Body Material	AL, SS

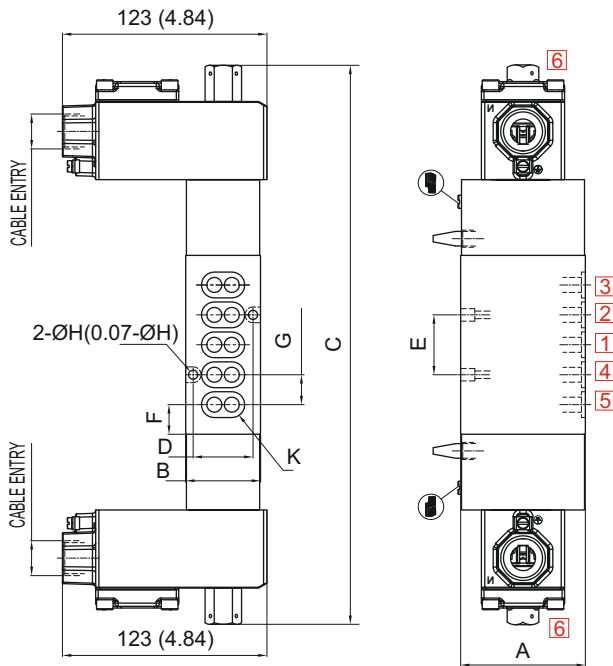


Valve Type	57445-12
Enclosure Type	88
Enclosure Size	III
Body Material	AL, SS

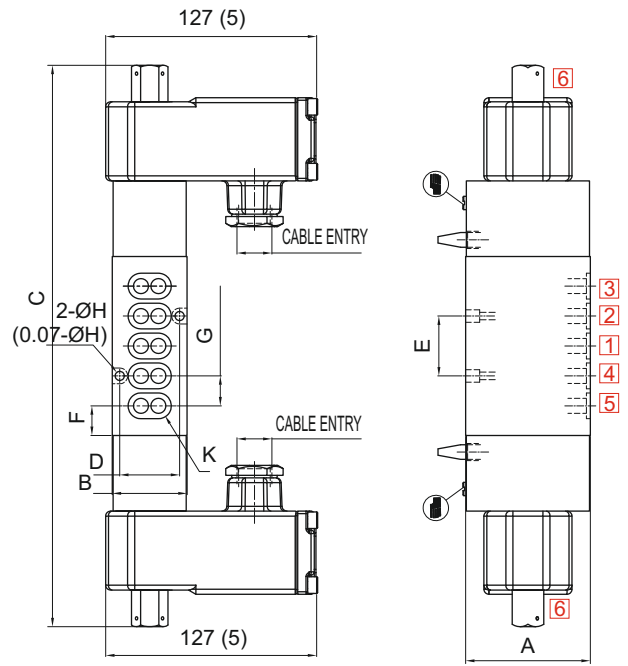
SERIES : 52S

5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

DIMENSIONS



Valve Type	57445A, 57445, 57445V01, 57445AW, 57445LW, 57445V01LW, 57445A1, 57445L1, 57445V01L1, 57445IS, 57445AI, 57445V01IS, 57445IR, 57445AR, 57445V01IR
Enclosure Type	16, 19, 37, 39, 58, 58LT, 67
Enclosure Size	III
Body Material	AL, SS



Valve Type	57445A, 57445, 57445V01, 57445AW, 57445LW, 57445V01LW, 57445A1, 57445L1, 57445V01L1, 57445IS, 57445AI, 57445V01IS, 57445IR, 57445AR, 57445V01IR
Enclosure Type	17, 87, 66, 71
Enclosure Size	III
Body Material	AL, SS

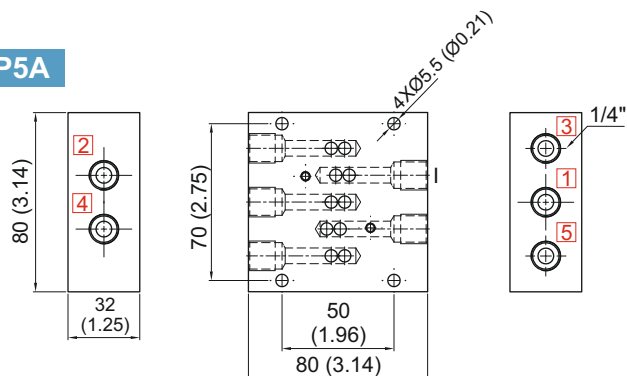
Valve Type : 51445A, 51445, 51445V01, 51445AW, 51445LW, 51445V01LW, 51445A1, 51445L1, 51445V01L1, 51445IS, 51445V01IS, 51445AI, 51445IR, 51445AR, 51445V01IR

NW	K	A	B	C	D	E	F	G	H
6	SUBBASE	53(2.08)	38(1.49)	195(11.61)	29(7.67)	23(1.96)	14(2.12)	12(0.47)	4.5(0.17)
12	SUBBASE	75(2.95)	45(1.77)	233(13.42)	36(1.41)	36(1.41)	18(0.70)	18(0.70)	6.5(0.25)
25	SUBBASE	110(4.33)	81(3.18)	290(15.35)	80(1.96)	27(2.12)	XX(0.82)	29(1.14)	8.5(0.33)

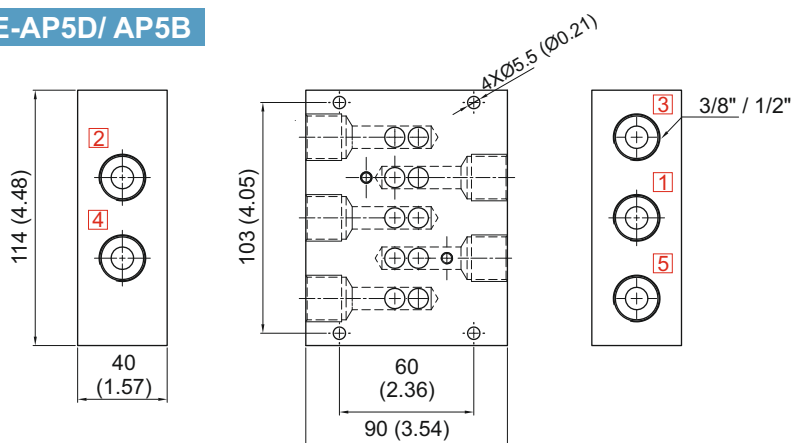
5/2 INTERNAL PILOT OPERATED, SINGLE/ DOUBLE SOLENOID, SUBBASE MOUNTED VALVE

DIMENSIONS

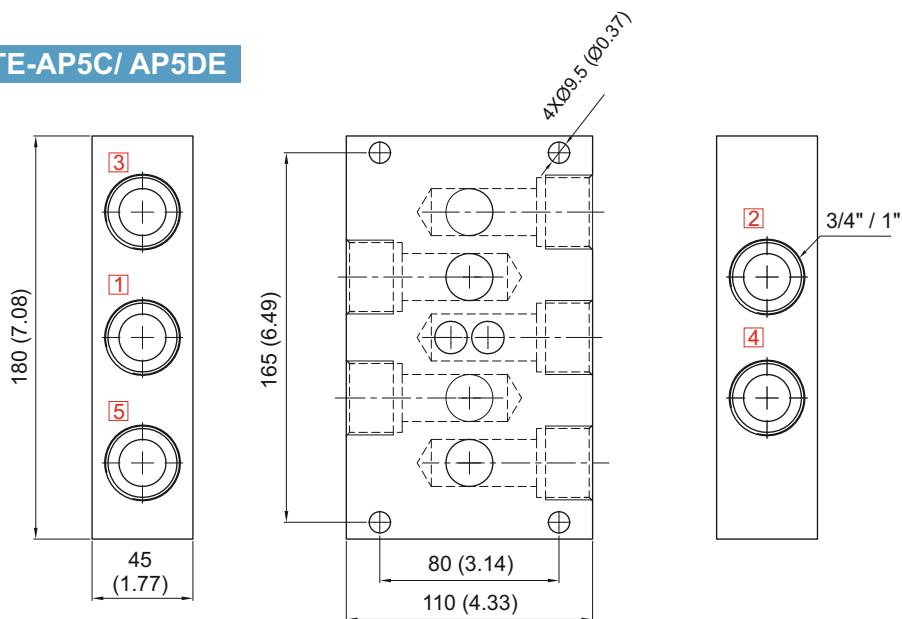
ADOPTER PLATE-AP5A



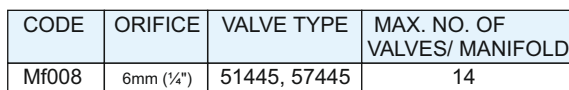
ADOPTER PLATE-AP5D/ AP5B



ADOPTER PLATE-AP5C/ AP5DE



MANIFOLD





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