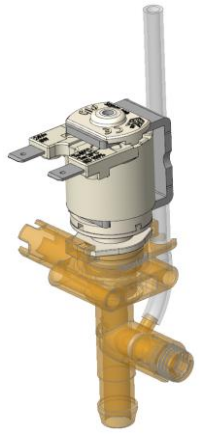
	TECHNICAL DATASHEET *SCHEDA TECNICA*	**Mod.:** RD Vent
	FAMILY NAME: RD Valve	**Rev.:** 01
	FAMIGLIA: *Valvola RD*	**Data:** 02/03/2026



WORKING CHARACTERISTICS	
Working pressure:	0 ÷ 0,1 bar
Room temperature:	MAX 60°C
Fluid temperature:	MAX 98°C
Flow direction:	Unidirectional
Nominal diameter:	Ø8 mm
Elect.Pilot/Control:	NC

CARATTERISTICHE DI LAVORO	
Pressione di esercizio:	0 ÷ 0,1 bar
Temperatura ambiente:	MAX 60°C
Temperatura fluido:	MAX 98°C
Direzione fluido:	Unidirezionale
Diametro di passaggio:	Ø8 mm
Elet.Pilota/Comando:	NC

PHYSICAL CHARACTERISTICS	
Valve body:	PPSU
Diaphragm:	LSR
Core:	Stainless steel / EN 1.4106
Spring:	Stainless steel / AISI 316
Assembly:	Bayonet

CARATTERISTICHE FISICHE	
Corpo valvola:	PPSU
Membrana:	LSR
Nucleo:	Acciaio INOX / EN 1.4106
Molla:	Acciaio INOX / AISI 316
Assemblaggio:	Baionetta

INSTALLATION	INSTALLAZIONE
The valve can be installed in any position without compromising the functioning.	**Il prodotto può essere montato in qualsiasi posizione senza comprometterne il funzionamento.**

APPLICATIONS		APPLICAZIONI	
Tank or boiler filling and draining	**Animal feeding equipment**	**Riempimento e svuotamento serbatoi o boiler**	**Dispositivi di alimentazione per animali**
Hot and cold beverages vending machines	**Water dispensers**	**Distributori automatici di bevande calde e fredde**	**Distributori d'acqua automatici.**
Wherever large flow of water at very low pressure and high temperature are needed.		**Ovunque siano necessarie grandi portate di acqua a bassissima pressione e alta temperatura**	

HYDRAULIC CONNECTIONS		CONNESSIONI IDRAULICHE	
Inlet:	Ø12 mm Tang	**Ingresso:**	Codolo Ø12 mm
	24mm or 34mm		24mm o 34mm
Outlet:	Ø10 mm Hose	**Uscita:**	Portagomma Ø10 mm
	Ø10 mm Tang		Codolo Ø10 mm

ELECTRICAL CONNECTIONS		CONNESSIONI ELETTRICHE	
See attached table		**Vedi tabella in allegato**	

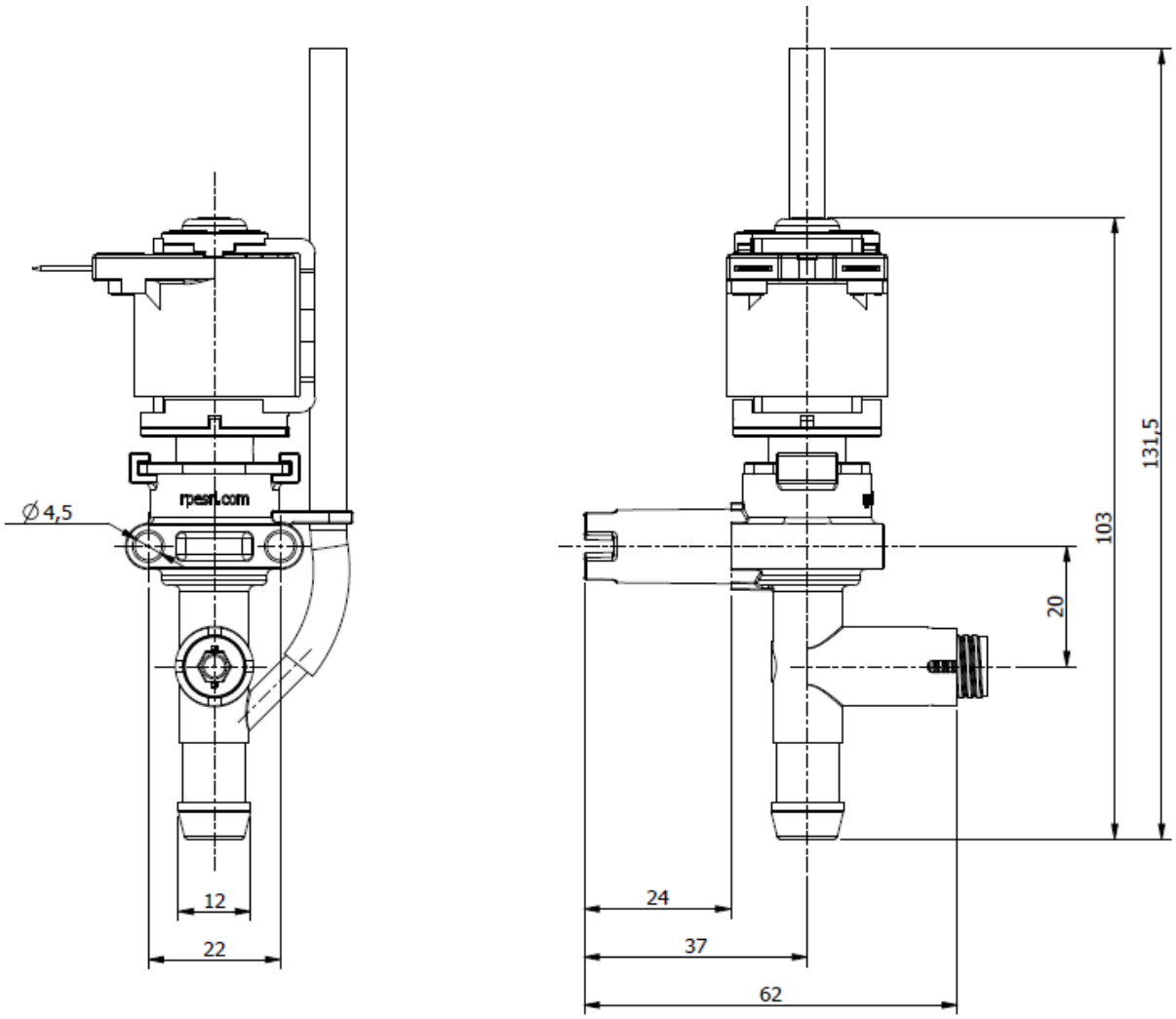
SOLENOID RANGE		GAMMA SOLENOIDI	
See attached table		**Vedi tabella in allegato**	

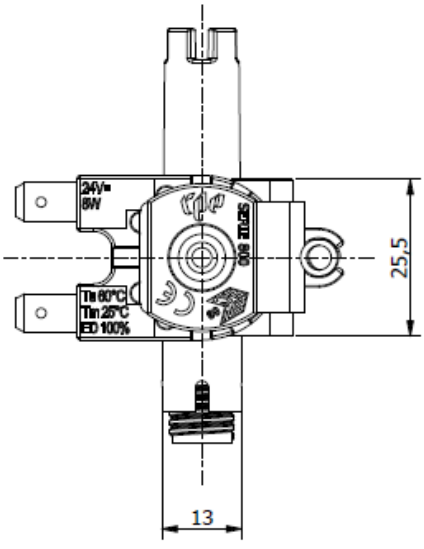
MARKS AND CERTIFICATIONS	MARCHI ED APPROVAZIONI
NSF – CE – ENEC	**NSF – CE – ENEC**

	TECHNICAL DATASHEET *SCHEDA TECNICA*	**Mod.:**	**RD Vent**
	FAMILY NAME: **RD Valve**	**Rev.:**	**01**
	FAMIGLIA: Valvola RD	**Data:**	**02/03/26**

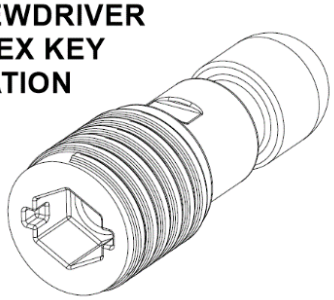
DIMENSIONAL DRAWING

DISEGNO DIMENSIONALE





SCREWDRIVER OR HEX KEY ROTATION



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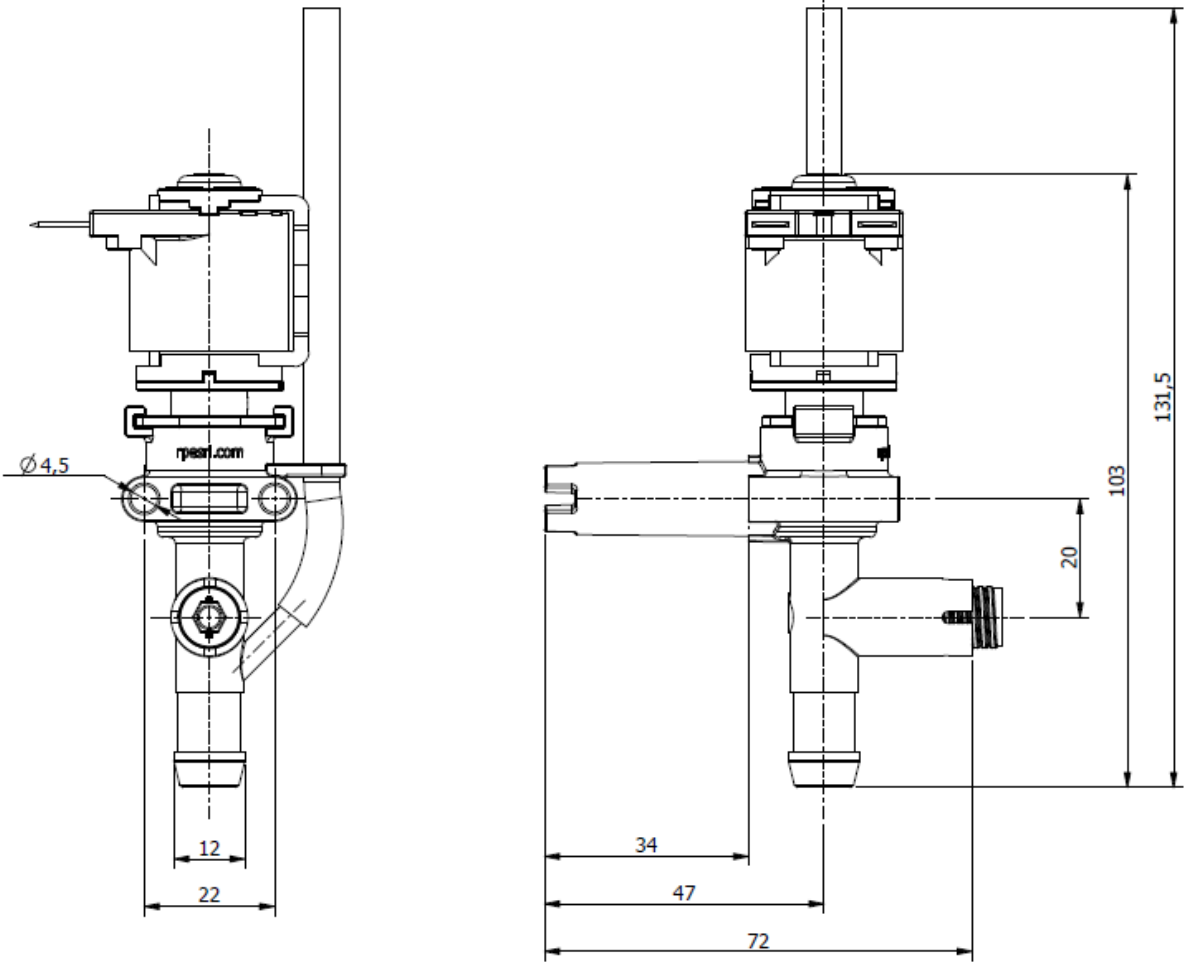
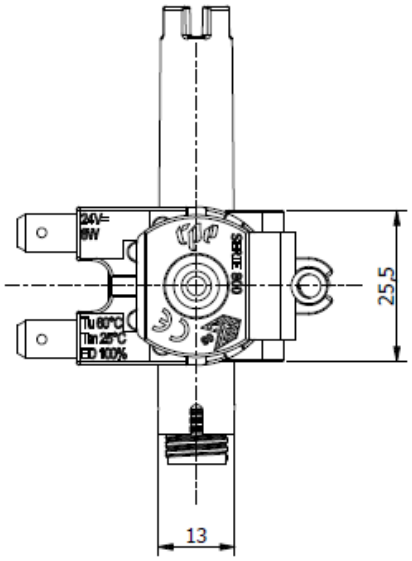
	FAMILY NAME: **RD Valve**	**Rev.:**	**01**
	FAMIGLIA: *Valvola RD*	**Data:**	**02/03/26**





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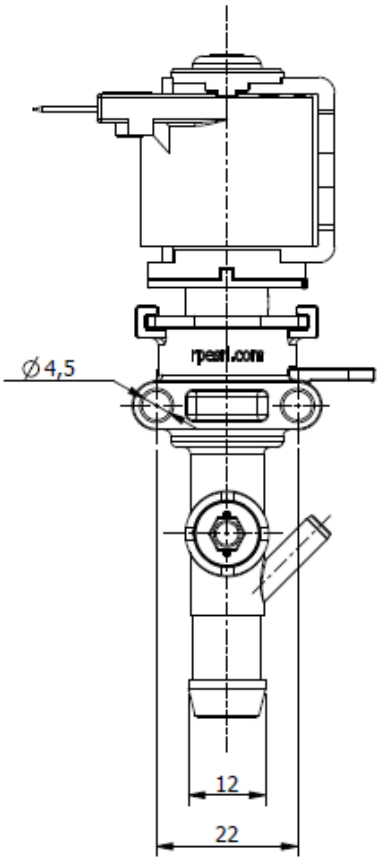
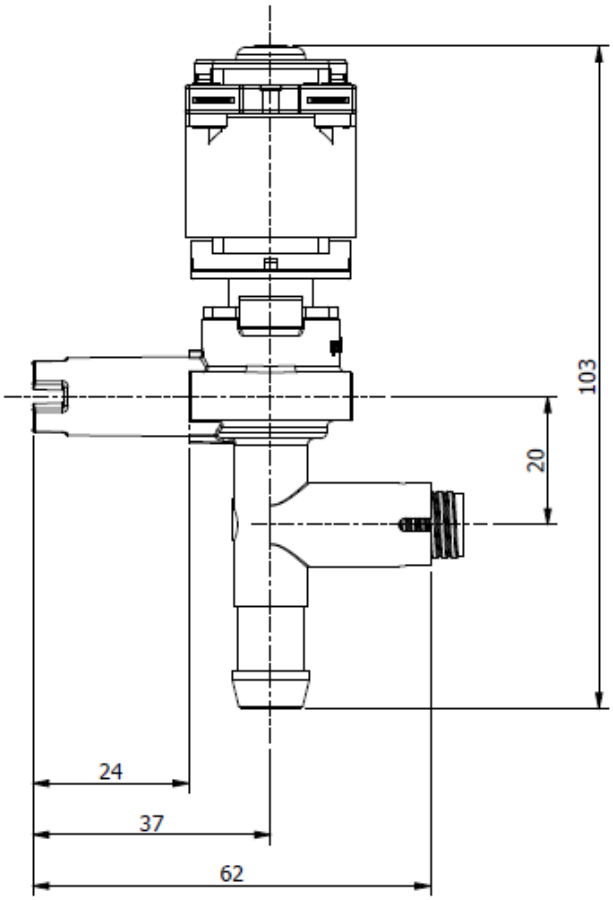
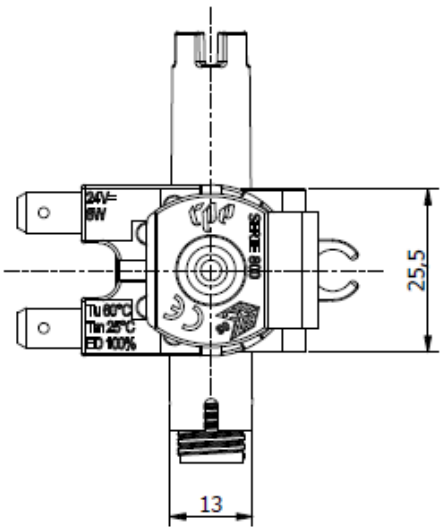
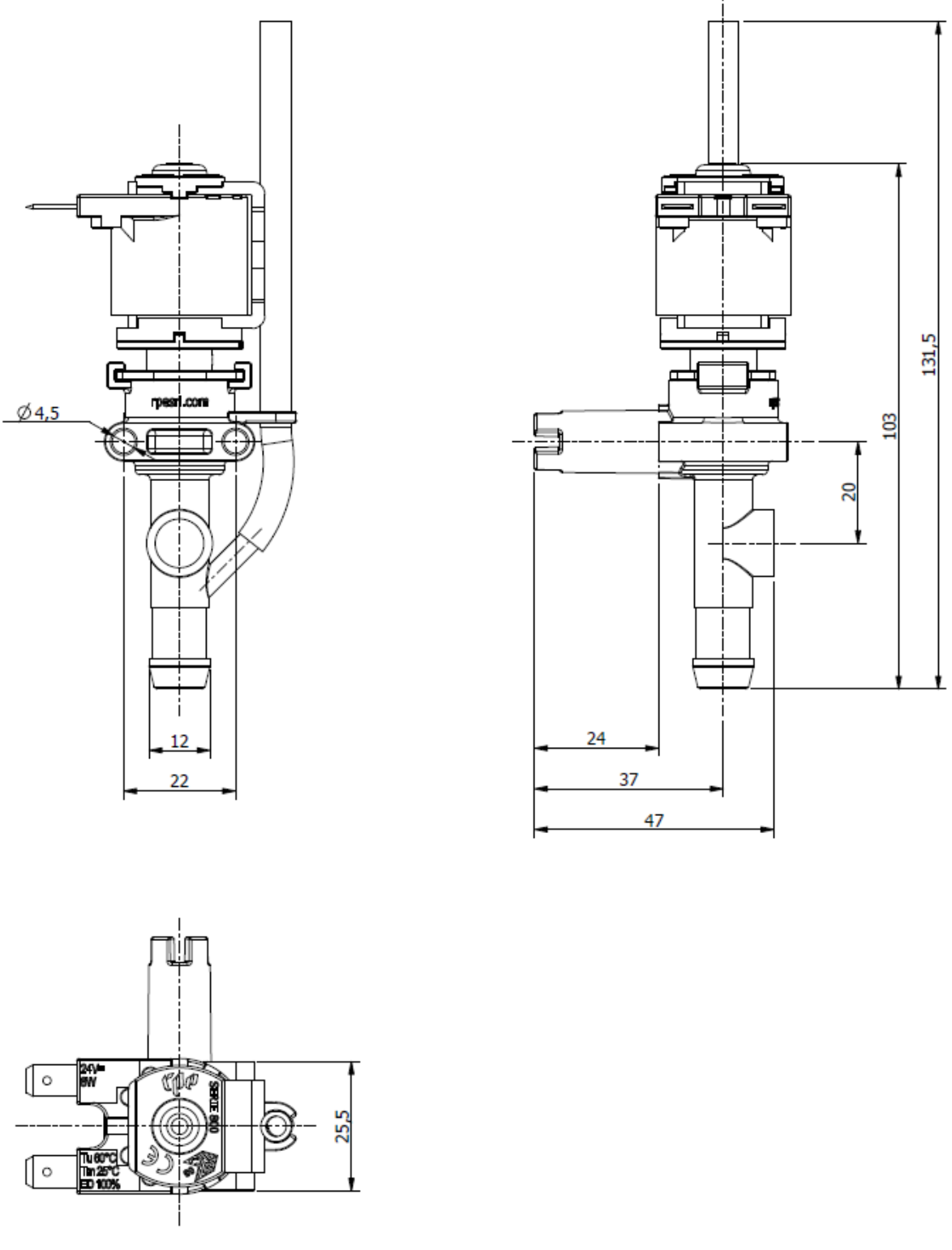
	FAMILY NAME: **RD Valve**	**Rev.:**	**01**
	FAMIGLIA: *Valvola RD*	**Data:**	**02/03/26**



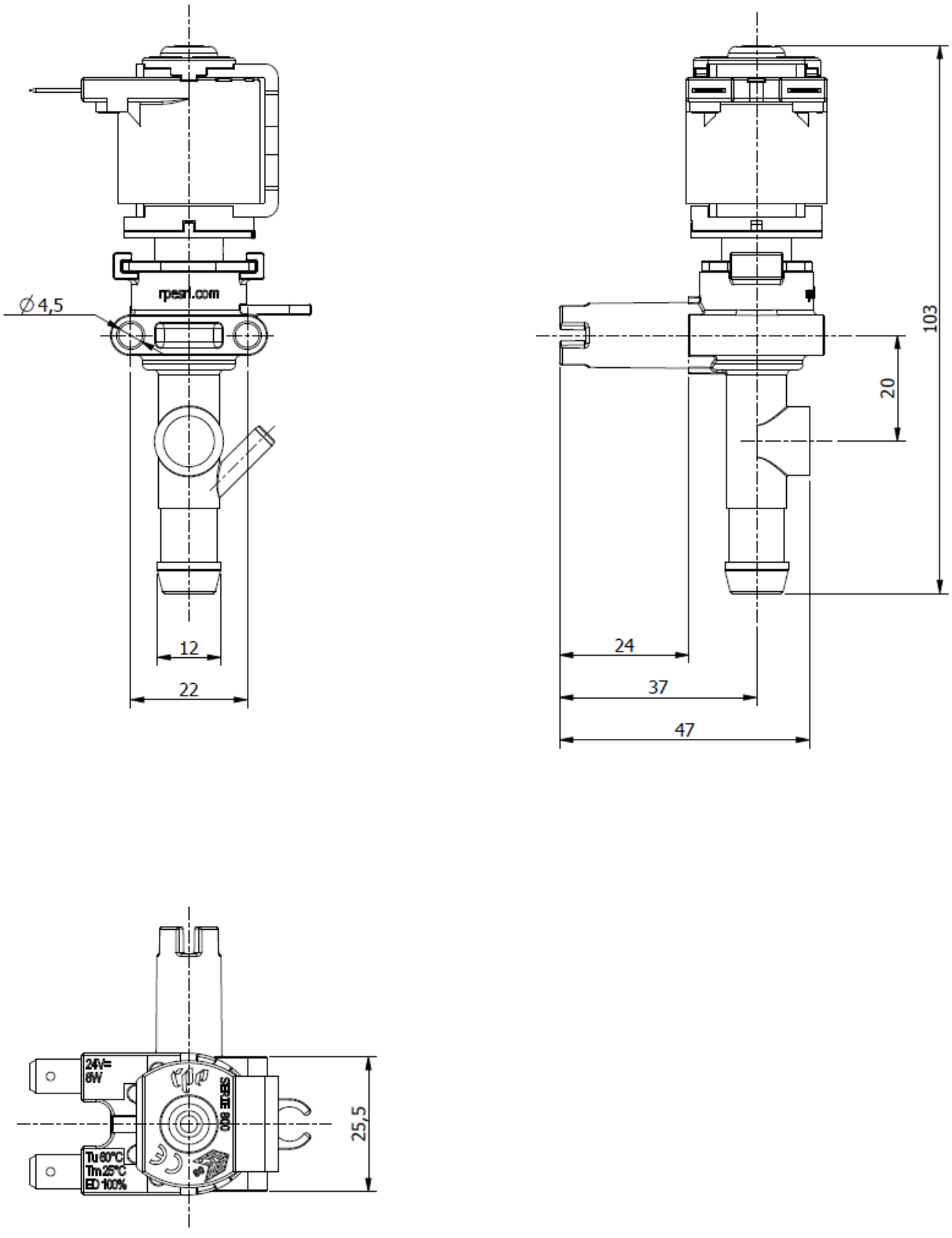




	TECHNICAL DATASHEET *SCHEDA TECNICA*	**Mod.:**	**RD Vent**
	FAMILY NAME: **RD Valve**	**Rev.:**	**01**
	FAMIGLIA: *Valvola RD*	**Data:**	**02/03/26**



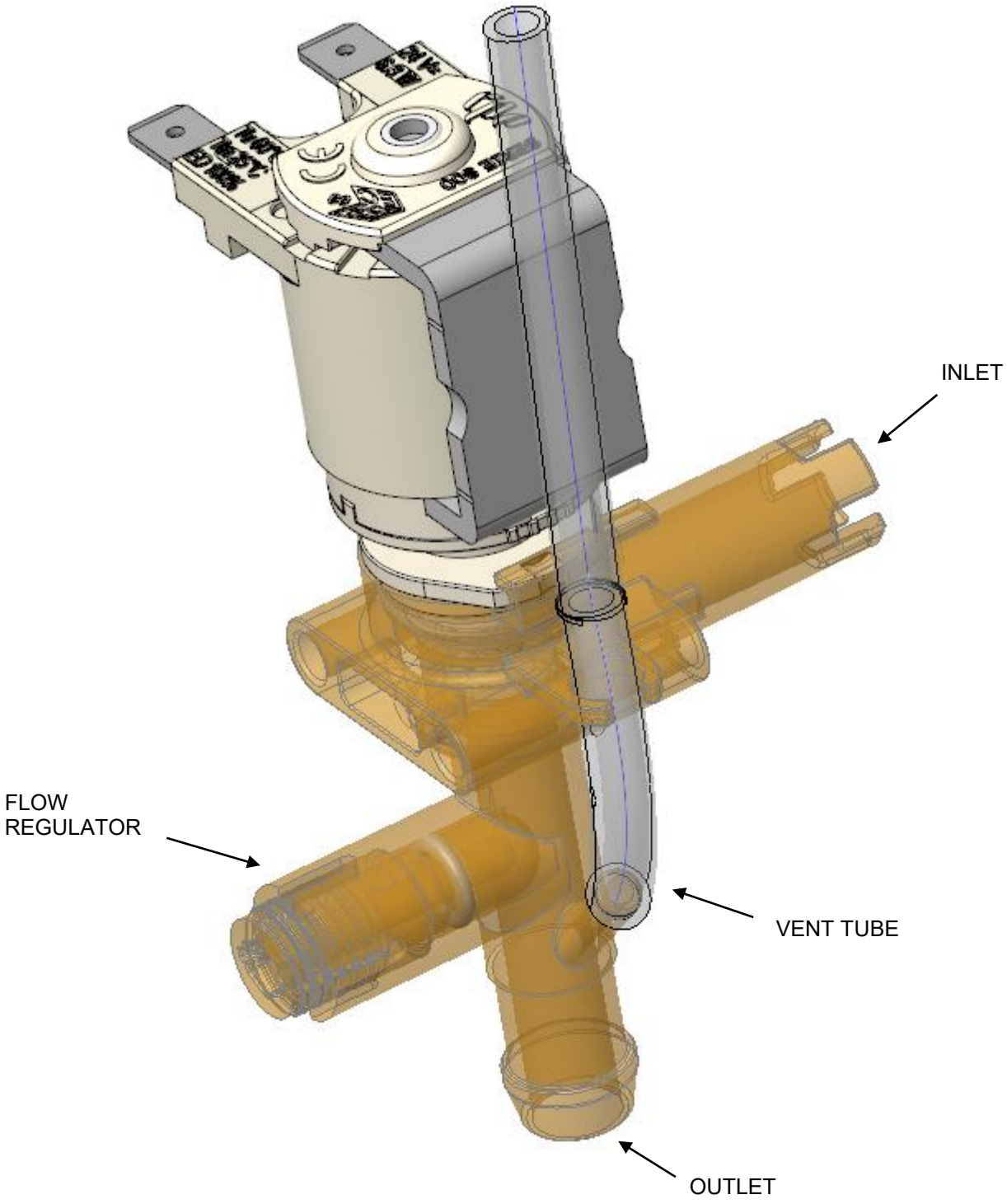
	TECHNICAL DATASHEET *SCHEDA TECNICA*	**Mod.:**	**RD Vent**
	FAMILY NAME: **RD Valve**	**Rev.:**	**01**
	FAMIGLIA: *Valvola RD*	**Data:**	**02/03/26**



	TECHNICAL DATASHEET *SCHEDA TECNICA*	**Mod.:**	**RD Vent**
	FAMILY NAME: **RD Valve**	**Rev.:**	**01**
	FAMIGLIA: Valvola RD	**Data:**	**02/03/2026**

WORKING SCHEME

SCHEMA DI FUNZIONAMENTO



	TECHNICAL DATASHEET *SCHEDA TECNICA*	**Cod.:** RD Vent
	FAMILY NAME: RD Vent	**Rev.:** 01
	FAMIGLIA: Valvola RD	**Data:** 02/03/2026

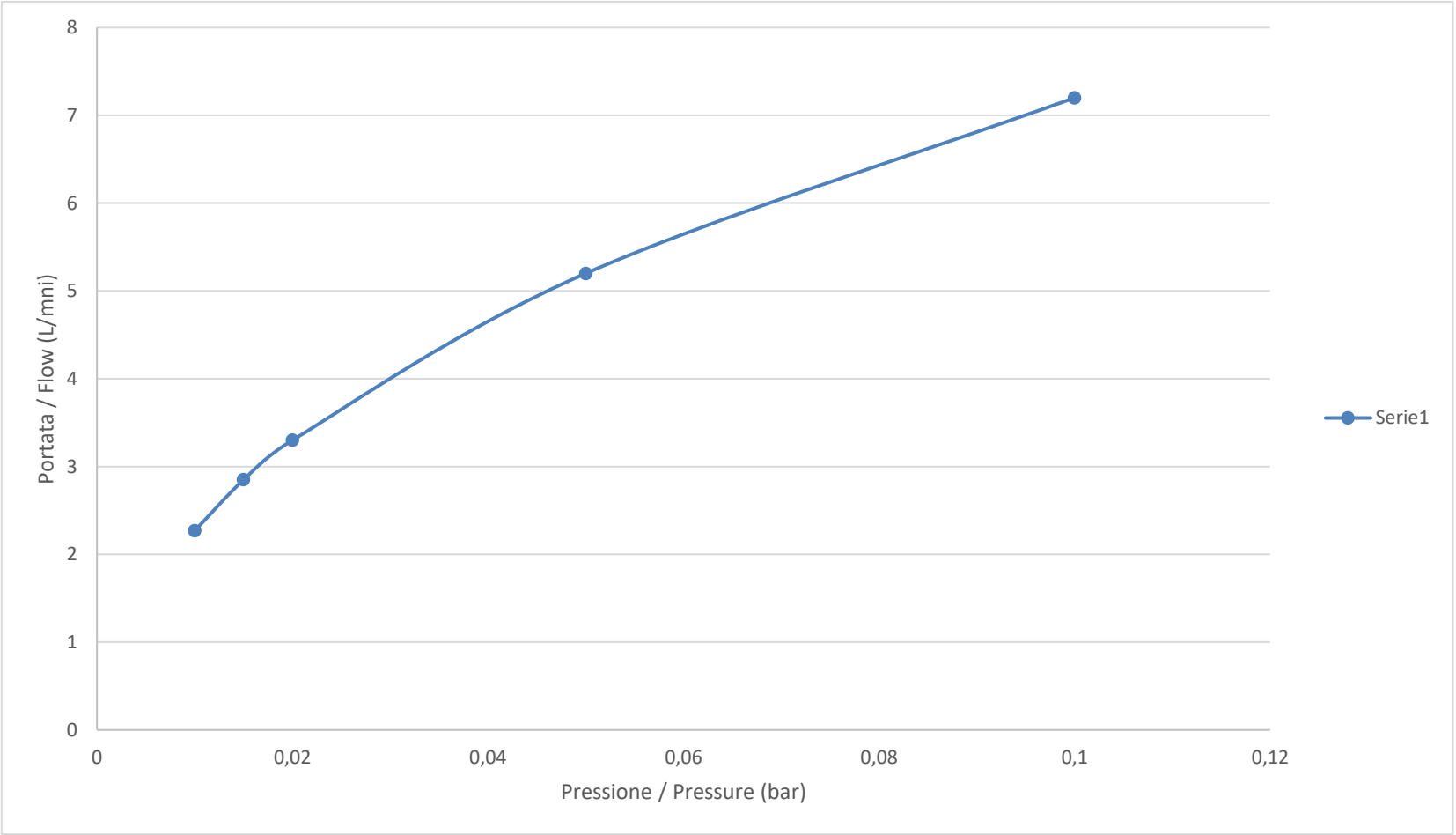
SOLENOID CHART

TABELLA SOLENOIDI

Progress code Codice progressivo	*Voltage* Tensione	*Frequency* Frequenza	*Holding Power* Potenza di mantenimento	*InRush Power* Potenza di spunto	*Holding Current* Corrente di mantenimento	*InRush Current* Corrente di spunto	*cos Ø* cos Ø	*Duty Cicle* ED	*Insulation class* Classe di isolamento	*Coil insulation class* Classe isolamento bobina	*Connections* Connessioni	*Approvals* Approvaz.	*Normaly Close* Norm Chiusa	*Normaly Open* Norm Aperta	*Latching* Bistabile
	(V)	*(Hz)*	*(W) - (VA)*	*(W) - (VA)*	*(mA) (@ 20°C)*	*(mA) (@ 20°C)*									
1 a	12V DC	=	8,5 W	/	710 mA	/	/	100%	II	F	Faston	Enec solo faston	✓	/	/
1 b	12V AC	50 Hz 60 Hz	4,4 VA 3,7 VA	6 VA 5 VA	300 mA 266 mA	505 mA 425 mA	0,59 0,57	100%	II	F	Faston	Enec solo faston	✓	/	/
2	24V DC	=	8 W	/	240 mA	/	/	100%	II	F	Faston	Enec solo faston	✓	/	/
3	24V DC UL	=	8 W	/	240 mA	/	/	100%	II	F	Faston	Enec solo faston UL solo materiali	✓	/	/
4	110V UL	50 Hz 60 Hz	7,7 VA	8,85 VA 8,10 VA	48 mA 39 mA	78 mA 72 mA	0,64 0,62	100%	II	F	Faston	Enec solo faston UL solo materiali	✓	/	/
5	230V AC	50 Hz 60 Hz	8,4 VA	10,0 VA 9,25 VA	28 mA 26 mA	46 mA 41 mA	0,70 0,67	100%	II	F	Faston	Enec solo faston	✓	/	/

Legenda *(Legend)*		
	NC: Normalmente Chiusa / *Normally Closed*	ED Funzionamento *(Duty Cycle)*
	NA: Normalmente Aperta / *Normally Open*	Approvazioni *Approvals*: ENEC, UL, GW
	NB: Bistabile / *Latching*	Faston: IP X0
	GW: Glow Wire	Cavi *(wires)*: IP 55
		Classe isolamento *(Insulation class)*: II
		Classe isolamento bobina *(Coil insulation class)*: F
		Tipo faston *(Faston type)*: 6,3 × 0,8 mm

	TECHNICAL DATASHEET	SCHEDA TECNICA	Mod.:	RD Vent
	FAMILY NAME: RDA Valve		Rev.:	01
	FAMIGLIA: Valvola RDA		Data:	02/03/2026

FLOW RATE

CURVA DI PORTATA