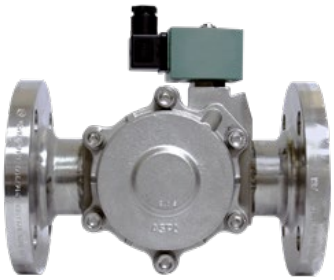
Solenoid Valves

Pilot Operated, 316 Stainless Steel Body & Flange
DN15 – DN50

Series 210

Features

- 2 way on-off valves for the control air, inert gas, water, oil and other gases/liquids compatible with the sealing material used
- 316SS body for corrosive environment
- 316SS DIN EN 1092-1 (ISO 7005) or ANSI B16.5(Class 150LB) flange
- Explosion proof option





General

Fluids(*)	Air, Inert Gas, Water, Oil
Maximum Viscosity	65 cSt (mm^2/s)
Response Time	40 - 120 ms (1” to 2”)
Temperature range (TS)	-20°C to +85°C

* Ensure that compatibility of materials in contact with fluids is verified

Construction

Stainless steel body	
Body	SS 316
Seals, Diaphragm and Disc	NBR
Piston	Stainless steel
Core tube	Stainless steel
Core and Plugnut	Stainless steel
Springs	Stainless steel
Seat	Stainless steel
Shading coil	Silver
Flange	DIN EN 1092-1 (ISO 7005) or ANSI B16.5(Class 150LB)

Electrical characteristic

Standard Voltage(*)	DC(=): 12V; 24V; 48V AC(~): 24V/50Hz; 48V/50Hz; 110V/50 Hz; 120V/60 Hz; 230V/50 Hz; 240V/60 Hz

* Other voltages available when required.

Solenoid Valves

Pilot Operated, 316 Stainless Steel Body & Flange
DN15 – DN50

Series 210

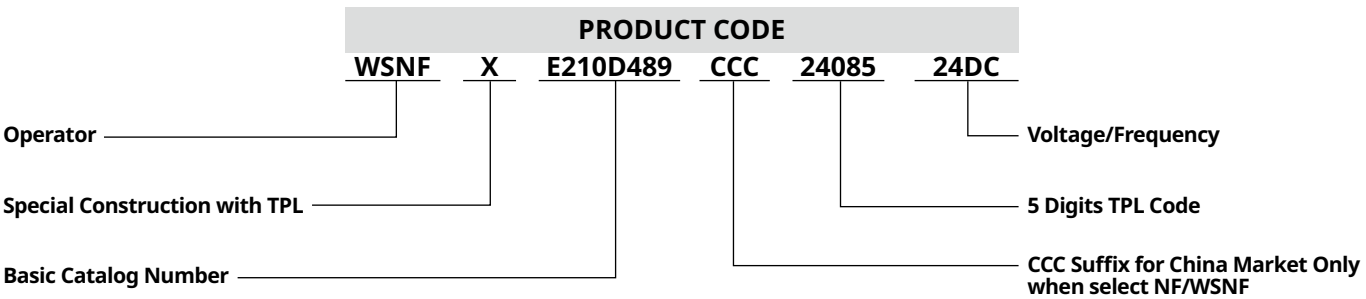
Specificatons

Pipe Size	Orifice Size	Flow Coefficient - Kv	Operating Pressure Differential(bar)							Coil & Enclosure Option			Power Coil (W)		Catalog Number	Option			TPL		Dimensions/ Type
			Min.	Max. (PS)															24085(2)	24086(3)	
				Air*		Water*		Oil*											316SS Body and DIN EN 1092-1(ISO 7005) Flange with High Power Rating	316SS Body and ANSI B16.5 (Class 150LB) Flange with High Power Rating	
	(mm)	(m^3/h)		~	=	~	=	~	=	Class H Coil#	WSNF/ NF(1)	WS/ WP	~	=		FPM	EPDM	Manual Operator (MO)			
NC - Normally Closed																					
DN15	16	3.4	0	16	16	16	16	16	-	●	●	●	16.7	16.8	SCXE210C487	V	E	●	●	●	01
DN20	16	3.9	0	16	16	16	16	16	-	●	●	●	16.7	16.8	SCXE210C488	V	E	●	●	●	02
DN25	25	9.6	0	16	16	16	16	16	10	●	●	●	15.4	23	SCXE210D489	V	E	-	●	●	03
DN40	32	19.3	0.35	12	12	12	12	12	12	●	●	●	16.7	19.7	SCXE210A127	V	E	●	●	●	04
DN50	44	37	0.35	16(4)	16(4)	16(4)	16(4)	16(4)	16(4)	●	●	●	17.1	22.6	SCXE210A129	V	E	●	●	●	05
NO - Normally Open																					
DN15	16	2.6	0	16	16	16	16	10	10	●	●	●	10.5	23	SCXE210B430	V	E	-	●	●	06
DN20	16	2.6	0	16	16	16	16	10	10	●	●	●	10.5	23	SCXE210B438	V	E	-	●	●	07
DN40	32	19.3	0.35	9	9	9	9	9	9	●	●	●	15.4	16.8	SCXE210A132	V	E	-	●	●	08
DN50	44	37	0.35	9	9	9	9	9	9	●	●	●	15.4	16.8	SCXE210A133	V	E	-	●	●	09

(1) Need add suffix "CCC" when selling to China, Suffix "CIN" for INMETRO certification
(2) TPL 24085: 316SS Body and DIN EN 1092-1(ISO 7005) Flange with High Power Rating
(3) TPL 24086: 316SS Body and ANSI B16.5 (Class 150LB) Flange with High Power Rating
(4) 16 bar for SC only, 12 bar for NF/WSNF/WS/WP enclosure
● Available
* Ensure the complatibility of materials in contact with fluid is verified.
# Contact Emerson for details.

Ordering Information

A valve supplied with the explosion proof operator with be identified with prefix “NF” or “WSNF” before the catalogue number.



Installation

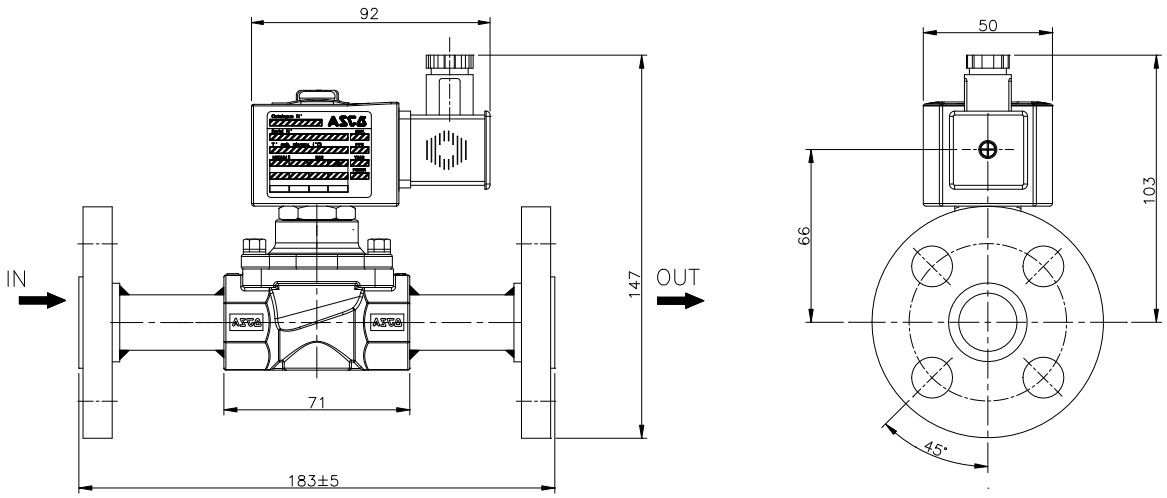
- Installation/Maintenance instructions are included with each valve
- The solenoid valves can be mounted in any position without affecting operation
- The operator can be rotated 360 degrees to select the most favorable position for cable entry

Spare Part Kits

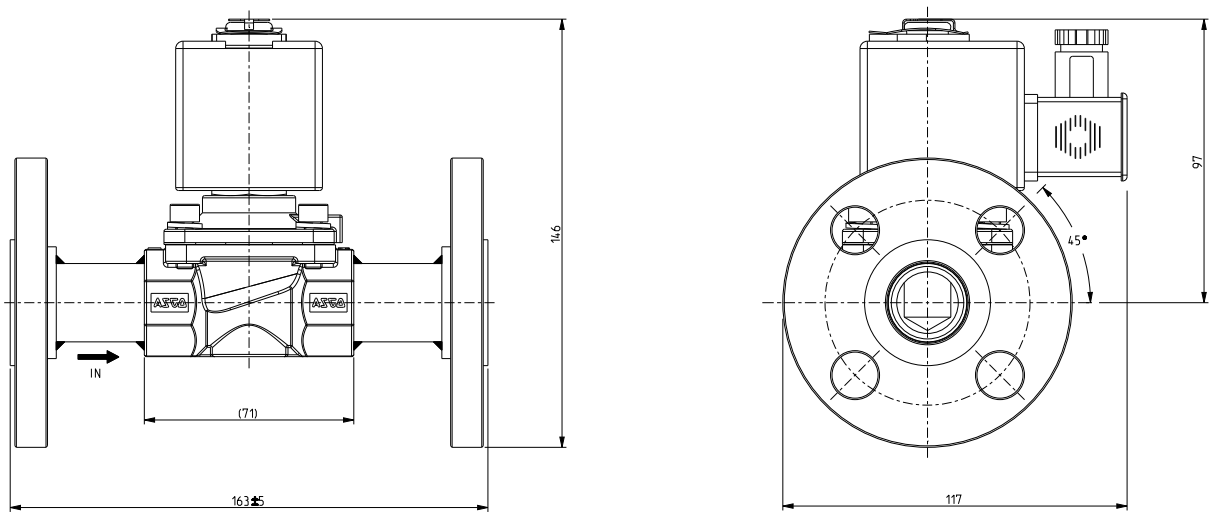
Basic Codes	Spare Parts Kits	
	AC	DC
SCE210C487/C488	C302328	C326548
SCE210D489	C302329	C326549
SCE210A127	C325260	C325261
SCE210A129	C325262	C325263
SCE210B430/B438	C326553	C326550
SCE210A132	C325266	C325267
SCE210A133	C325268	C325269

Dimensions: mm

Type 1

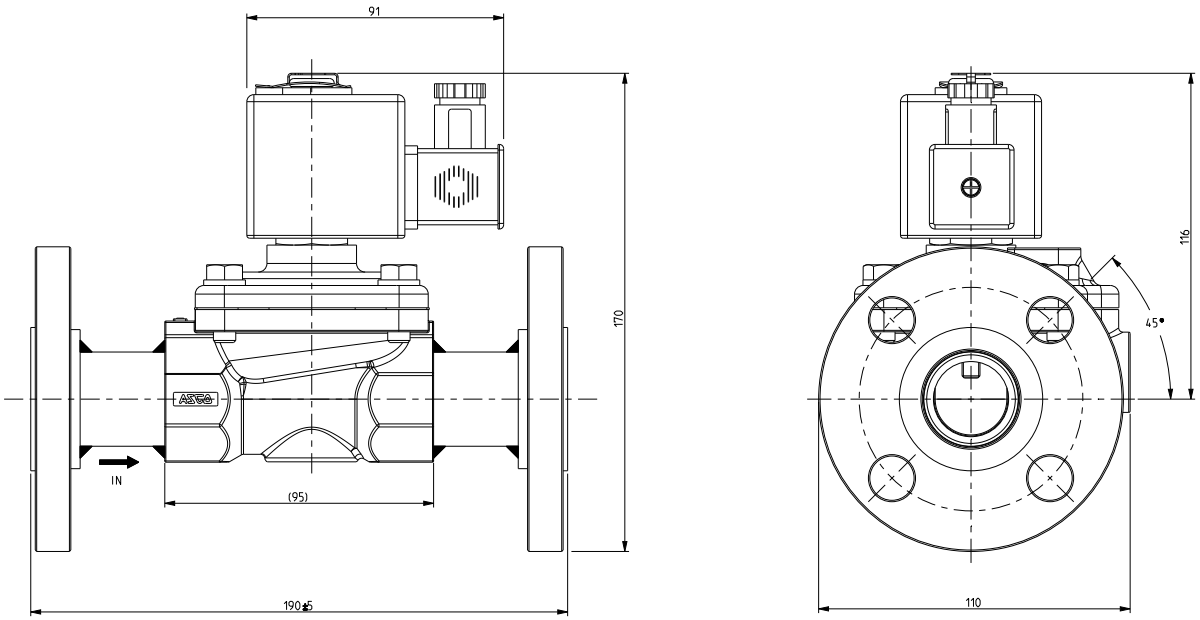


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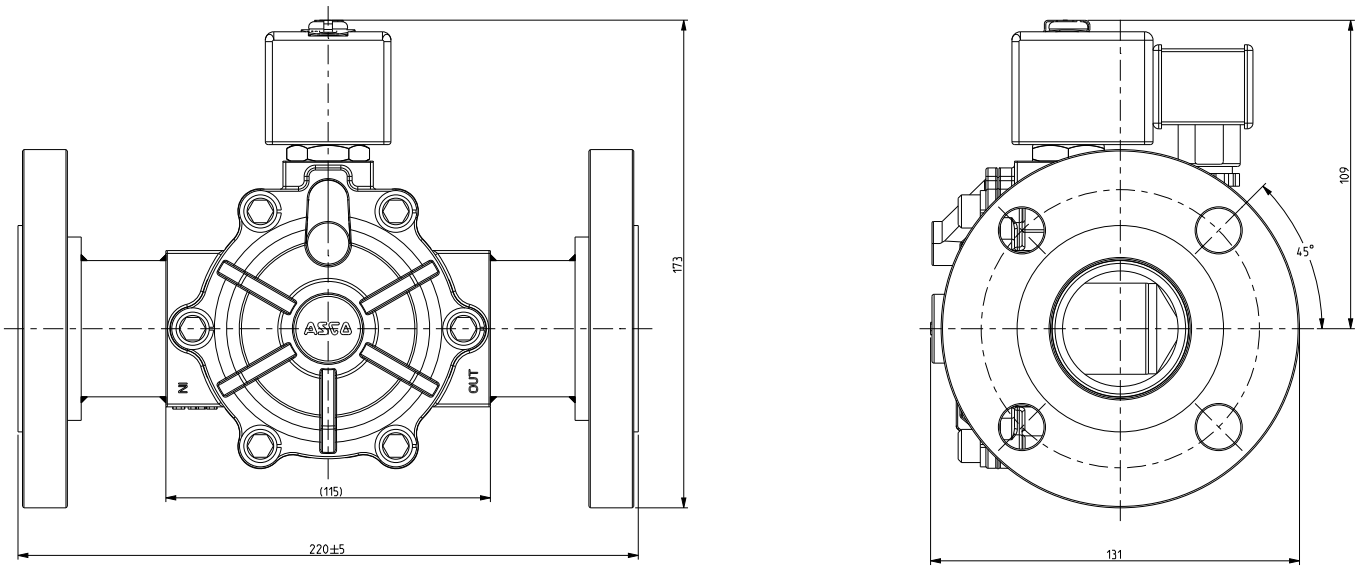


Dimensions: mm

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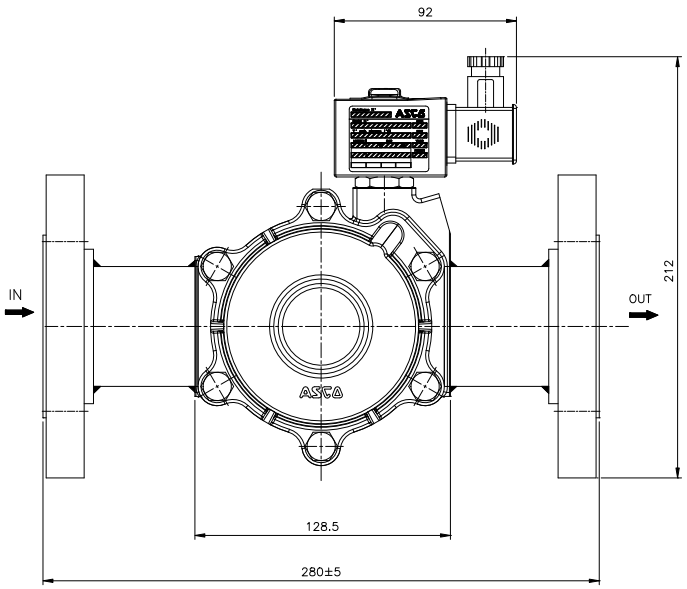


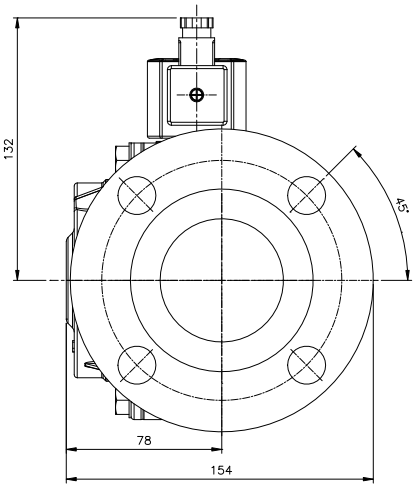
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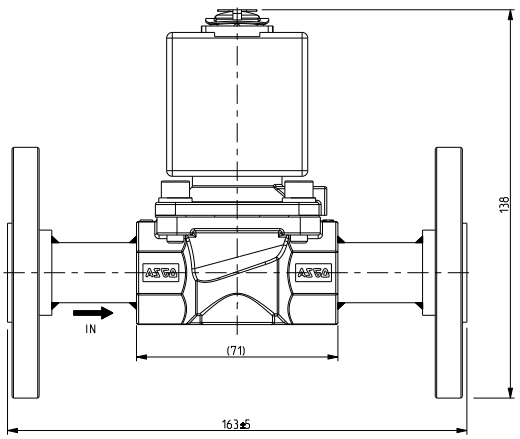
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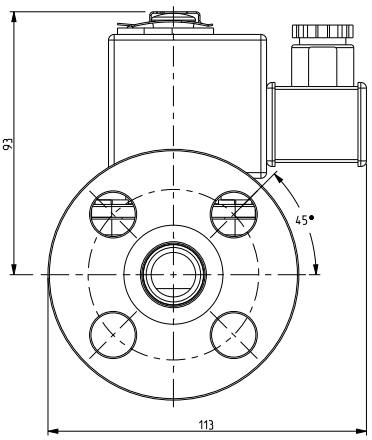
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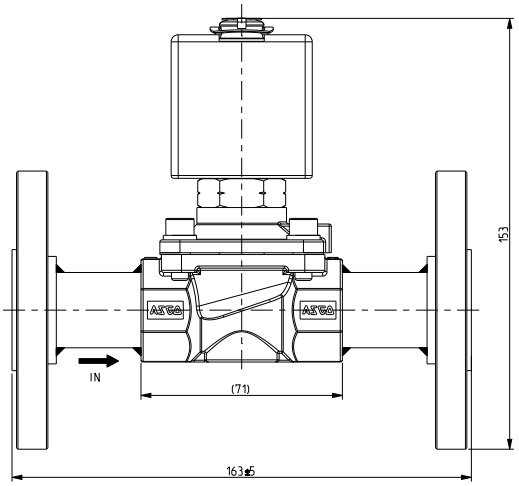
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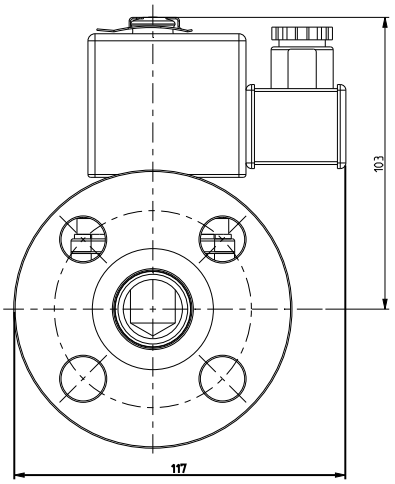




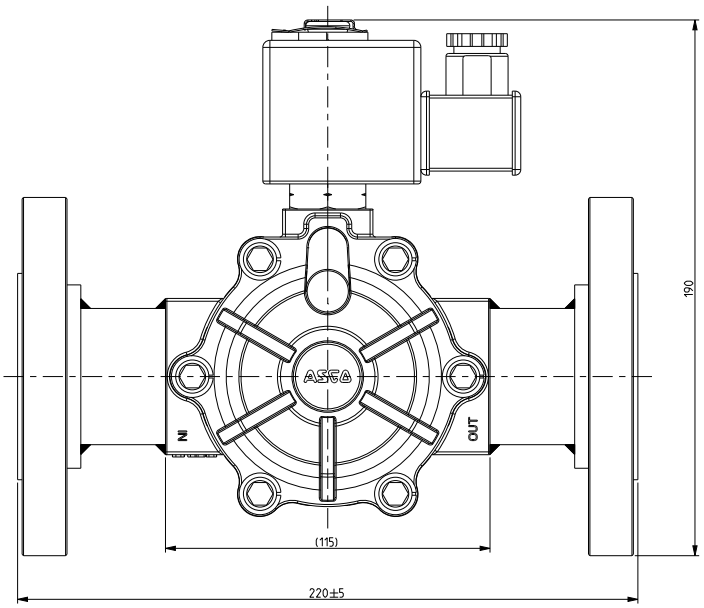
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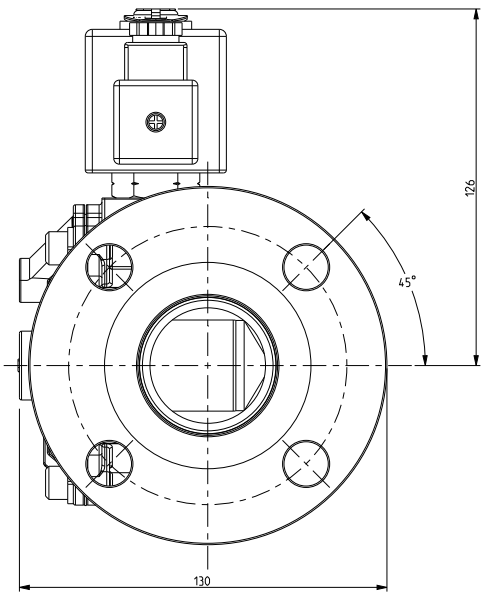
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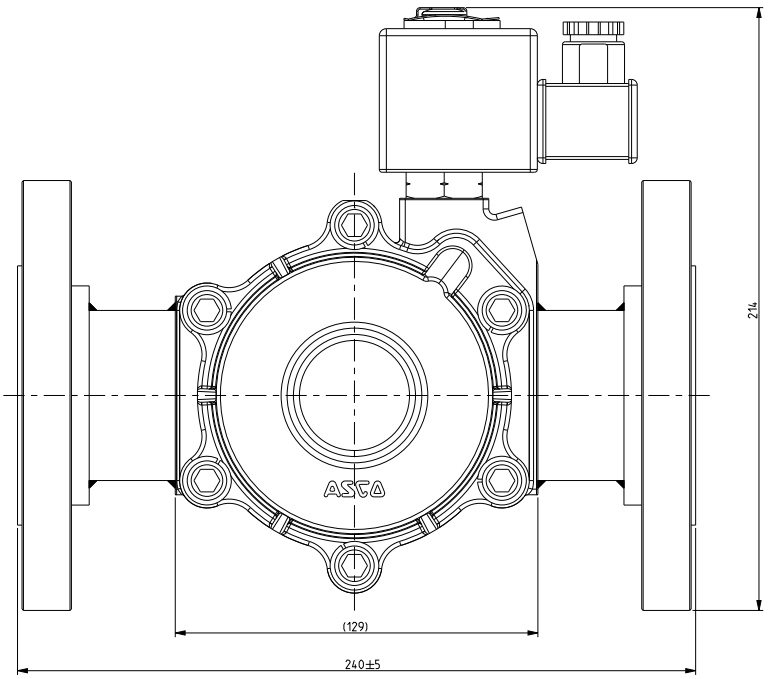
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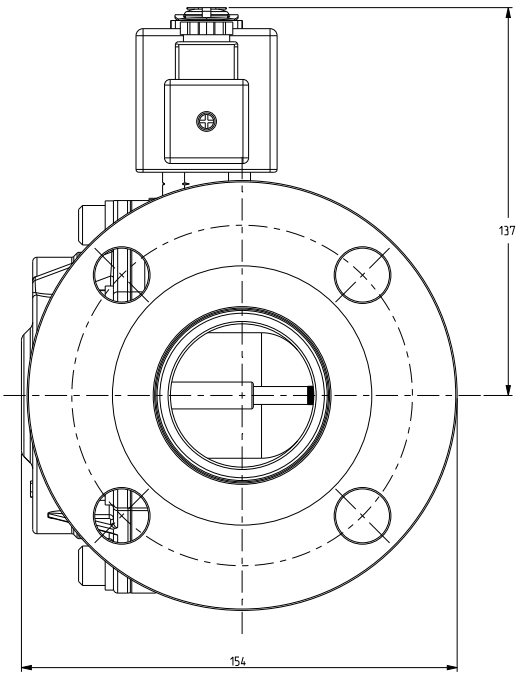




Dimensions: mm

Type 9





TR000640ENUS-04 11-25
Availability, design and specifications are subject to change without notice.
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