

M1

## IDRJA

**Valvole di ritegno in acciaio inox stampato** / Check valves fabricated from pressed stainless steel



Modello / Model

IDRJA

Materiale / Material

Aisi 304 – 316

Tenuta / Seal

NBR, FPM, PTFE, FEP

DN

20 – 100

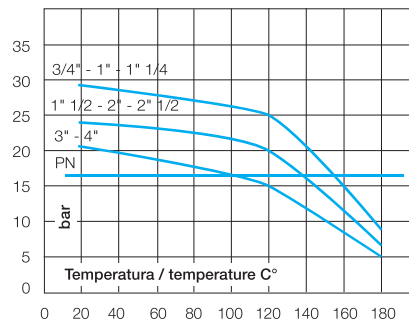
PN

16

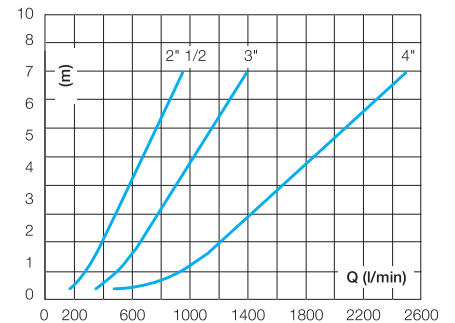
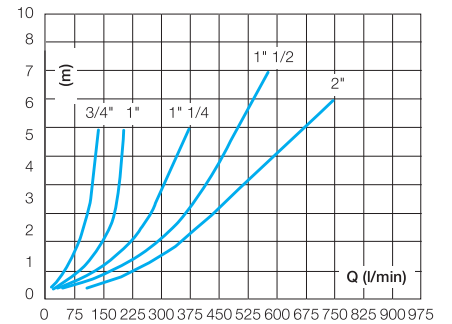
### Caratteristiche tecniche / Construction features

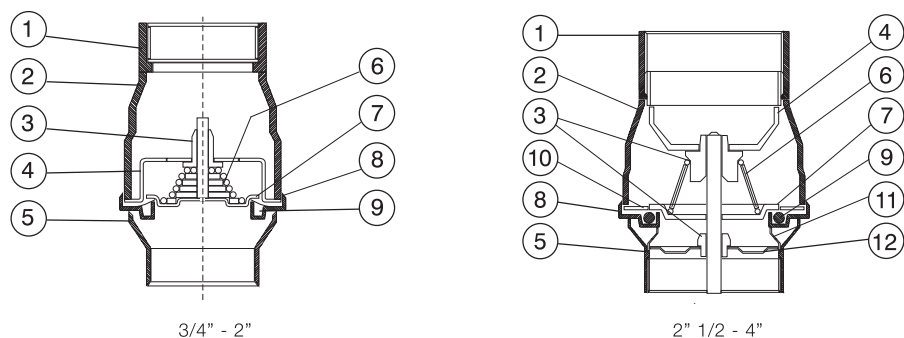
- **Lavorazione: acciaio inox stampato** / Manufacturing process: pressed stainless steel
- **Trattamento superficiale sgrassaggio, decapaggio ed elettrolucidatura** / Surface treatment degreasing, pickling and electropolishing
- **Tenuta** / Seal ring  
NBR, FPM, PTFE o/or FEP
- **Connessioni filettate femmina secondo** / Threaded ends female according to UNI ISO 228/1
- **Saldatura a TIG senza apporto di materiale** / TIG weldings without additional material
- **Pressione di apertura** / Opening pressure  
Min. 0,025 – Max. 0,035 bar
- **Test idraulico di tenuta guarnizioni** / Hydraulic test on the seal rings  
0.2 bar
- **Pressione nominale di esercizio** / Nominal working pressure  
16 bar
- **Temperatura di esercizio** / Working temperature  
-25°C – +90°C NBR  
-20°C – +150°C FPM  
-20°C – +200°C PTFE o/or FEP
- **Certificazioni** / Approvals  
 NSF/ANSI/CAN 61 & 372  
(solo versioni Aisi 316 FPM / only Aisi 316 FPM types)

### Diagramma pressione temperatura / Pressure temperature diagram



### Perdite di carico / Friction losses diagrams

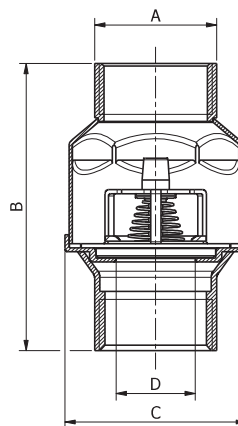




### Componenti e materiali / Components and materials

	Versione Aisi 304 Version Aisi 304	Versione Aisi 316 Version Aisi 316
<b>1</b> Manicotto lato mandata / Outlet end	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>2</b> Corpo / Valve	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>3</b> Boccola di guida / Guide bush	PTFE	PTFE
<b>4*</b> Guida otturatore / Flow control disc guide	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>5</b> Manicotto lato aspirazione / Inlet end	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>6*</b> Molla / Spring	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>7*</b> Otturatore / Flow control disc	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>8</b> Contenitore anello di tenuta / Seal ring housing	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>9*</b> Anello di tenuta / Seal ring	NBR, FPM	FPM, PTFE, FEP
<b>10</b> Anello ferma tenuta / Seal ring retainer	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>11</b> Supporto contenitore tenuta / Seal ring support	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088
<b>12</b> Guida lato aspirazione / Inlet side guide	1.4301 / 1.4304 EN 10088	1.4401 / 1.4404 EN 10088

\* Ricambi disponibili solo per versioni / Spare parts only for versions: 2" 1/2 - 3" - 4"



### Dimensioni e pesi / Dimensions and weights

Codice Code	Misura Size	Materiale Material	Tenuta Seal	DN	PN	Peso in gr. Weight in gr.	KV m <sup>3</sup> /h	Dimensioni in mm Dimensions in mm			
								A	B	C	D
900011	3/4"	Aisi 304	NBR	20	16	129	10,8	30	67	44	18,3
900016	1"			25	16	191	18,7	35,8	83	53	23,4
900021	1" 1/4			32	16	281	31,5	45	97	66	31,4
900026	1" 1/2			40	16	388	40,5	50,8	115	78	36,8
900029	2"			50	16	704	56	63	120,5	90	42,9
900055	2" 1/2			65	16	1.425	69	80	142	113	58,7
900012	3/4"	Aisi 304	FPM	20	16	129	10,8	30	67	44	18,3
900017	1"			25	16	191	18,7	35,8	83	53	23,4
900022	1" 1/4			32	16	281	31,5	45	97	66	31,4
900027	1" 1/2			40	16	388	40,5	50,8	115	78	36,8
900030	2"			50	16	704	56	63	120,5	90	42,9
900057	2" 1/2			65	16	1.425	69	80	142	113	58,7
900402	3/4"	Aisi 316	FPM	20	16	129	10,8	30	67	44	18,3
900412	1"			25	16	191	18,7	35,8	83	53	23,4
900422	1" 1/4			32	16	281	31,5	45	97	66	31,4
900432	1" 1/2			40	16	388	40,5	50,8	115	78	36,8
900442	2"			50	16	704	56	63	120,5	90	42,9
900452	2" 1/2			65	16	1.425	69	80	142	113	58,7
900462	3"	Aisi 316	PTFE	80	16	2.085	99	93	160	132	70,3
900472	4"			100	16	3.415	181	120	191	167	93,4
900403	3/4"			20	16	129	10,8	30	74	44	18,3
900415	1"			25	16	250	18,7	35,8	90	53	23,4
900424	1" 1/4			32	16	365	31,5	45	101	66	31,4
900433	1" 1/2			40	16	525	40,5	50,8	120	78	36,8
900443	2"	Aisi 316	FEP	50	16	704	56	63	120,5	90	42,9
900455	2" 1/2			65	16	1.425	69	80	142	113	58,7
900465	3"			80	16	2.085	99	93	160	132	70,3
900475	4"			100	16	3.415	181	120	191	167	93,4