

# 90094

## FILTRI A Y FLANGIATI

### FLANGED "Y" TYPE STRAINERS



#### CARATTERISTICHE TECNICHE

- // **Corpo e parti metalliche:** acciaio inox Aisi 316
- // **Guarnizione:** PTFE
- // **Connessioni flangiate:** UNI ISO 2278 PN 16
- // **Pressione nominale di esercizio:** 16 bar
- // **Temperatura di esercizio:** -30°C – +240°C

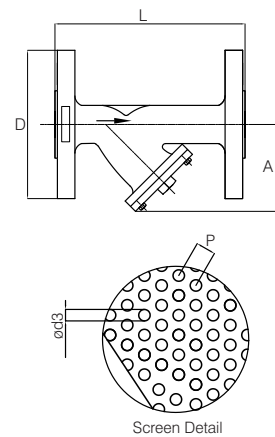
#### TECHNICAL FEATURES:

- // **Body valve and metallic parts:**  
stainless steel Aisi 316
- // **Seal:** PTFE
- // **Flanged ends:** UNI ISO 2278 PN 16
- // **Nominal working pressure:** 16 bar
- // **Working temperature:** -30°C – +240°C



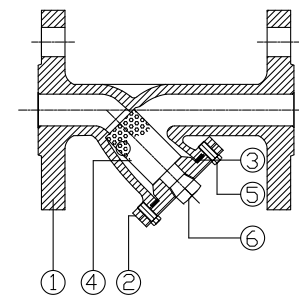
#### DIMENSIONI E PESI // DIMENSIONS AND WEIGHTS

Misura Size	DN	Dimensioni in mm Dimensions in mm					Ø d3	Peso in kg Weight in kg
		A	D	L	P			
1/2"	15	75	95	130	2	1,0	1,95	
3/4"	20	90	105	150	2	1,0	2,75	
1"	25	100	115	160	2	1,0	3,70	
1" 1/4	32	115	140	180	2	1,0	5,90	
1" 1/2	40	130	150	200	2	1,0	6,40	
2"	50	150	165	230	2	1,0	8,90	
2" 1/2	65	190	185	290	3,5	2,0	12,95	
3"	80	200	200	310	3,5	2,0	18,15	
4"	100	230	220	350	3,5	2,0	24,30	



#### CARATTERISTICHE COSTRUTTIVE // CONSTRUCTION FEATURES

	Componenti Components	Materiale Material
1	<b>Corpo</b> Body	Acciaio Inox Aisi 316 SS Aisi 316
2	<b>Coperchio</b> Cover	Acciaio Inox Aisi 316 SS Aisi 316
3	<b>Guarnizione</b> Gasket	Teflon PTFE
4	<b>Filtro</b> Strainer	Acciaio Inox Aisi 316 SS Aisi 316
5	<b>Vite</b> Bolt	Acciaio Inox Aisi 316 SS Aisi 316
6	<b>Tappo</b> Plug	Acciaio Inox Aisi 316 SS Aisi 316



#### VERSIONI FORNIBILI SU RICHIESTA // MODELS AVAILABLE ON REQUEST

Misura Size	5"	6"	8"
	x	x	x

# LINIA

## FILTRI IN LINEA IN-LINE FILTERS



### CARATTERISTICHE TECNICHE

- // **Lavorazione:** acciaio inox stampato
- // **Corpo e parti metalliche:** acciaio inox Aisi 304
- // **Trattamento superficiale:**  
sgrassaggio, decapaggio ed elettrolucidatura
- // **Tenuta:** FPM
- // **Connessioni filettate:** gas femmina UNI ISO 228/1
- // **Saldature:** a TIG senza apporto di materiale
- // **Test idraulico su saldature:**  
aria compressa a 2 bar su ogni filtro
- // **Pressione nominale di esercizio:** 16 bar
- // **Temperatura di esercizio:**  
-10°C – +150°C (con guarnizione FPM)
- // **Grado di filtrazione:**  
500 μ (da 1/2" a 1")  
800 μ (da 1" 1/4 a 2")

### TECHNICAL FEATURES:

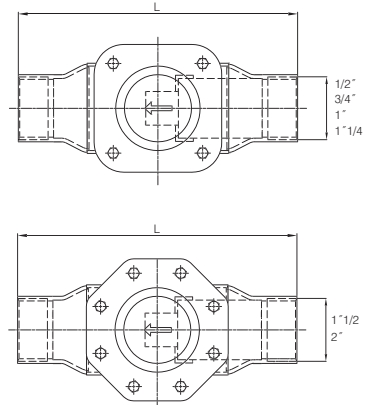
- // **Manufacturing process:** pressed stainless steel
- // **Body valve and metallic parts:**  
in stainless steel Aisi 304
- // **Surface treatment:**  
degreasing, pickling and electropolishing
- // **Seal ring:** FPM
- // **Threaded ends:** UNI ISO 228/1 gas female
- // **Welded joints:** made with TIG method without any additional material
- // **Hydraulic test on welded joints:**  
compressed air at 2 bar on each filter
- // **Nominal working pressure:** 16 bar
- // **Working temperature:**  
-10°C – +150°C (with FPM seal)
- // **Filtration:**  
about 40 meshes (from 1/2" to 1")  
about 18 meshes (from 1" 1/4 to 2")



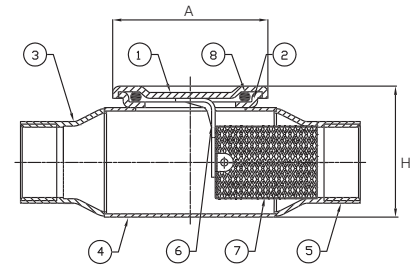
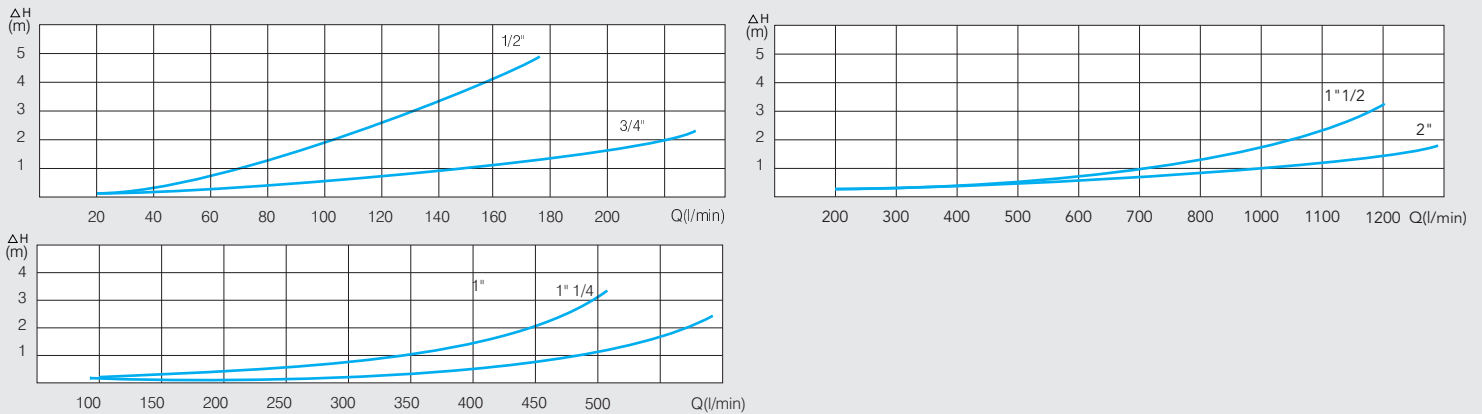
**Massimo rendimento: Perdite di carico  
altamente inferiori ai tradizionali filtri a Y**  
Maximum efficiency: much lower friction losses  
than traditional "Y" type strainers

**DIMENSIONI E PESI // DIMENSIONS AND WEIGHTS**

Misura Size	DN	Dimensioni in mm // Dimensions in mm			Peso in gr Weight in gr
		A	H	L	
1/2"	15	48,6	43,7	106	200
3/4"	20	54,6	52,9	128	285
1"	25	68,5	61,3	148	420
1" 1/4	32	85,0	78,0	180	725
1" 1/2	40	106,0	90,6	219	1020
2"	50	121,5	103,4	228	1400


**CARATTERISTICHE COSTRUTTIVE // CONSTRUCTION FEATURES**

Componenti // Components	Materiale // Material
<b>1</b> Coperchio // Cover	1.4301 EN 10088 (Aisi 304)
<b>2</b> Base coperchio // Cover base	1.4301 EN 10088 (Aisi 304)
<b>3</b> Manicotto filettato lato mandata // Outlet end	1.4301 EN 10088 (Aisi 304)
<b>4</b> Corpo filtro // Body	1.4301 EN 10088 (Aisi 304)
<b>5</b> Manicotto filettato lato aspirazione // Inlet end	1.4301 EN 10088 (Aisi 304)
<b>6</b> Reggifiltro // Filter net holder	1.4301 EN 10088 (Aisi 304)
<b>7</b> Rete filtro // Filter net	1.4301 EN 10088 (Aisi 304)
<b>8</b> O-ring // O-ring	NBR, FPM


**DIAGRAMMI PERDITE DI CARICO // FRICTION LOSSES DIAGRAMS**

**DIAGRAMMA PRESSIONE-TEMPERATURA // PRESSURE-TEMPERATURE DIAGRAM**
