# **ICS SERIES**

Single Cartridge Housings, Clamped Cover

ICS Series housings robust design and high quality construction assures dependable protection for industrial and commercial applications.

### PROCESS FLUIDS

- Water (Fresh/Sea/R.O./D.I/Waste)
- Chemicals
- Food & Beverage
- Soaps & Detergents
- Oils
- Coolants
- Paints & Coatings
- Pulp & Paper





## **DESIGN SPECIFICATIONS**

- 304SS, 316SS or 316LSS
- Heavy Duty Clamp closure for tool free element changes
- 150 psi max. working pressure
- -Drain/Vent Connections
- Standard design accepts DOE and 222 style cartridges (2.75" O.D. max)
- 316SS ergonomic threaded nut accommodates different length elements (9.75" vs. 10", etc.)
- Stainless Mounting Bracket standard
- EPDM o-ring seal
- Finish: Acid Wash & Electropolish standard

#### OPTIONS

- ANSI 150# Flanges / Sanitary Connections
- 226 Style Element
- Seal materials (Viton, Encaps. Teflon, Silicone)
- Sanitary Polish
- Custom OEM designs

#### **HOUSING DATA**

Model	Cartridge Size	Max. Flow (gpm)*					
ICS-10	9.75"-10"	7					
ICS-20	19.5"-20"	14					
ICS-30	30"	21					

<sup>\*</sup>Maximum flow rates based on 1cps and 25 micron wound element. Viscosity, micron rating, element type and connection size will determine actual flow rates.

# BUILDING A PART NUMBER: (ICS-20-D-1-N-6-E = 20" DOE/222 ELEMENT, 1" NPT, 316SS, EPDM)

Series	Cartridge Length	Connection Type	Connection Size	Connection Type	Material	Gasket
ICS	10	D=DOE/222	3/4"	N=NPT	4=304SS	E=EPDM
	20	6=226	1"	F=Flange	6=316SS	S=Silicone
	30			T=Tri-Clamp	6L=316LSS	V=Viton
						T=Teflon