

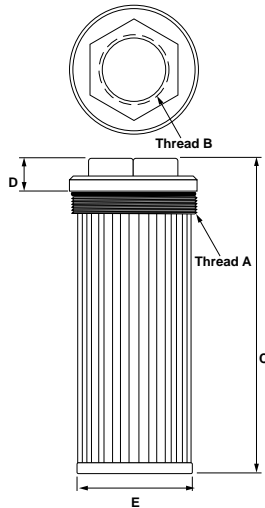


# Technical Data Sheet

## Tank Mounted Suction Strainers

### Series HTMS

#### SAE O-Ring

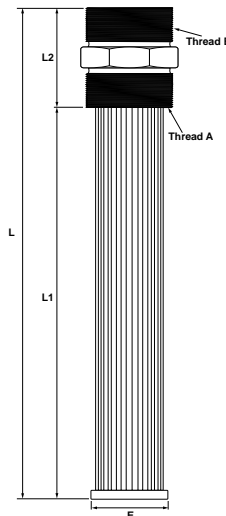


Model Code: SAE O-ring (*Buna-N*)

Series HTMS SAE 16 100  
 Thread Type \_\_\_\_\_  
 Thread B Size \_\_\_\_\_  
 Mesh Size \_\_\_\_\_  
 100 Mesh (*149 micron*)  
 Options \_\_\_\_\_  
 (*omit*) = Standard (*no bypass*)  
 RV3 = 3 PSI bypass Valve

Model Code	P/N	Per SAEJ514		Hex Size	GPM	Screen Area (Sq. In.)	Dimensions		
		THD A	THD B				C	D	E
HTMS SAE 16 100	02078472	2-1/2"-12	1-5/16"-12	2.13	9	90	9.00"	0.75"	2.24"
HTMS SAE 20 100	02078473	2-1/2"-12	1-5/8"-12	2.13	14	90	9.00"	0.75"	2.24"
HTMS SAE 24 100	02078474	3-3/8"-12	1-7/8"-12	2.50	21	230	8.80"	0.90"	3.22"
HTMS SAE 32 100	02078475	3-3/8"-12	2-1/2"-12	3.00	39	230	9.30"	0.98"	3.22"

#### Male NPT Ports



Model Code: Male NPT Ports

Series HTMS NPTM 2 100  
 Thread Type \_\_\_\_\_  
 Thread B Size \_\_\_\_\_  
 Mesh Size \_\_\_\_\_  
 100 Mesh (*149 micron*)  
 Options \_\_\_\_\_  
 (*omit*) = Standard (*no bypass*)  
 RV3 = 3 PSI bypass Valve

Model Code	P/N	THD A	THD B	Hex Size	Dimensions			
					L	L1	L2	E
HTMS NPTM 2 100	02078480	2" NPT	2" NPT	2.75"	13.50"	10.75"	2.70"	2.12"

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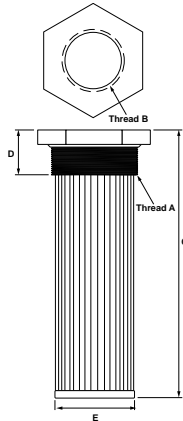


# Technical Data Sheet

## Tank Mounted Suction Strainers

### Series HTMS page 2

#### NPT

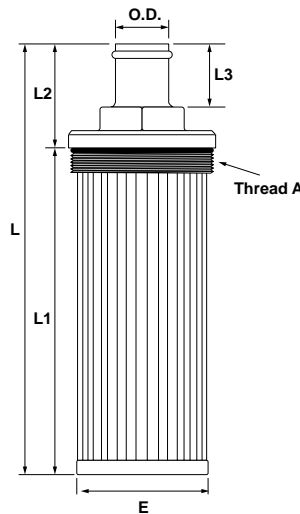


Model Code: NPT

Series HTMS NPT 1/2 100  
 Thread Type \_\_\_\_\_  
 Thread B Size \_\_\_\_\_  
 Mesh \_\_\_\_\_  
 100 Mesh (149 micron)  
 Options \_\_\_\_\_  
 (omit) = Standard (no bypass)  
 RV5 = 5 PSI Bypass Valve

Model Code	P/N	GPM	Screen Area (Sq. In.)	THD A	THD B	Hex Size	Dimensions		
							C	D	E
HTMS NPT 1/2 100	02078460	5	35	1" NPT	1/2" NPT	1.43	5.38"	1.10"	1.18"
HTMS NPT 3/4 100	02078461	10	64	1 1/4" NPT	3/4" NPT	1.81	7.50"	1.20"	1.14"
HTMS NPT 1 100	02078462	15	86	1 1/2" NPT	1" NPT	2.00	8.25"	1.30"	1.65"
HTMS NPT 1 1/4 100	02078463	25	125	2" NPT	1 1/4" NPT	2.55	10.00"	1.30"	2.12"
HTMS NPT 2 100	02078464	50	260	3" NPT	2" NPT	3.30	10.25"	1.70"	3.03"
HTMS NPT 3 100	02078465	100	315	4" NPT	3" NPT	5.00	11.30"	1.80"	3.78"

#### Hose Barb



Model Code: Hose Barb (Buna-N O-Rings)

Series HTMS HB 1/1.25 100  
 Connection Type \_\_\_\_\_  
 Connection / Hex Size \_\_\_\_\_  
 Mesh \_\_\_\_\_  
 100 Mesh (149 micron)  
 Options \_\_\_\_\_  
 (omit) = Standard (no bypass)  
 RV3 = 3 PSI Bypass Valve

Model Code	P/N	Thread A	O.D.	Hex Size	Dimensions				
					L	L1	L2	L3	E
HTMS HB/SAE 1/1.25 100	02078485	1-7/8"-12	1.00"	1.25"	9.30"	7.30"	2.00"	1.25"	1.65"
HTMS HB/SAE 1.25/1.5 100	02078486	2-1/2"-12	1.25"	1.50"	10.00"	8.00"	2.00"	1.25"	2.12"
HTMS HB/SAE 1.5/2 100	02078487	3-3/8"-12	1.50"	2.00"	10.30"	7.82"	2.48"	1.50"	3.22"
HTMS HB/SAE 2/2.5 100	02078488	3-3/8"-12	2.00"	2.50"	10.80"	7.84"	2.97"	2.00"	3.22"

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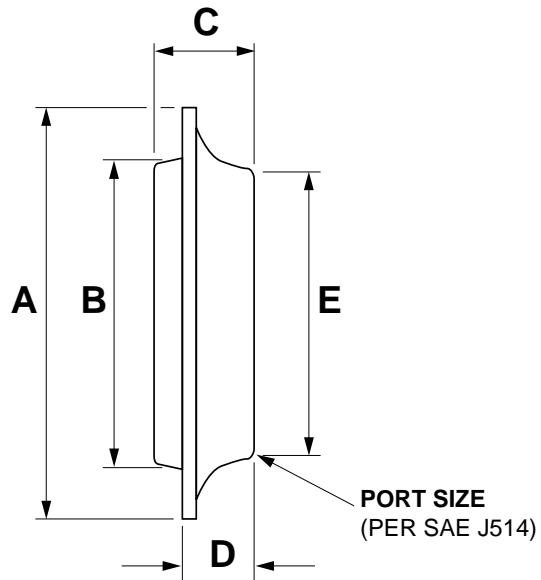
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## Tank Mounted Suction Strainers

### Series HTMS page 3

#### Weld Flanges



Model Code	P/N	Port Size	Dimensions				
			A	B	C	D	E
HTMS TWF-6	02078493	9/16"-18	1.50"	0.93"	0.56"	0.31"	1.00"
HTMS TWF-8	02078494	3/4"-16	1.50"	0.93"	0.56"	0.31"	1.00"
HTMS TWF-12	02078495	1-1/16"-12	2.13"	1.38"	0.69"	0.44"	1.44"
HTMS TWF-16	02078496	1-5/16"-12	2.38"	1.66"	0.75"	0.50"	1.75"
HTMS TWF-20	02078497	1-5/8"-12	2.69"	2.00"	0.75"	0.50"	2.13"
HTMS TWF-24	02078482	1-7/8"-12	3.00"	2.25"	0.75"	0.50"	2.38"
HTMS TWF-32	02078483	2-1/2"-12	3.50"	2.63"	0.84"	0.59"	2.88"
HTMS TWF-48	02078484	3-3/8"-12	4.63"	3.66"	1.00"	0.81"	3.94"

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