



High Pressure Technologies, LLC.

# HPT

26364 Ruether Ave  
Santa Clarita, CA 91350 U.S.A.  
Tel: (661)-251-5069  
Fax: (661)-251-6745  
<http://www.highpressuretech.com>

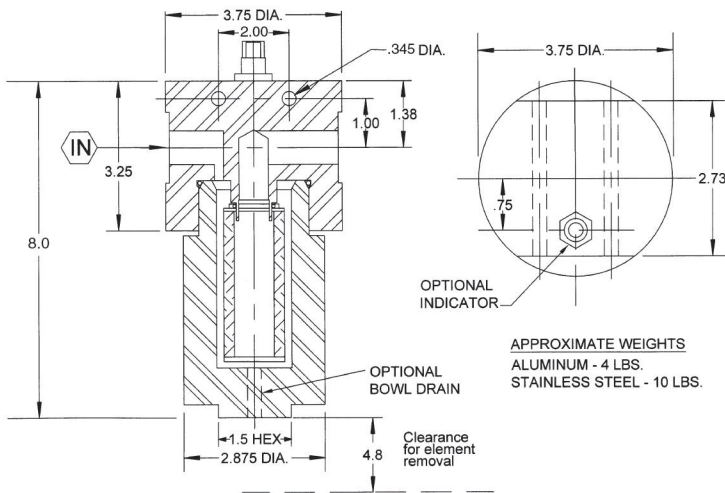
## 8500 SERIES

Up To 6,000 PSI

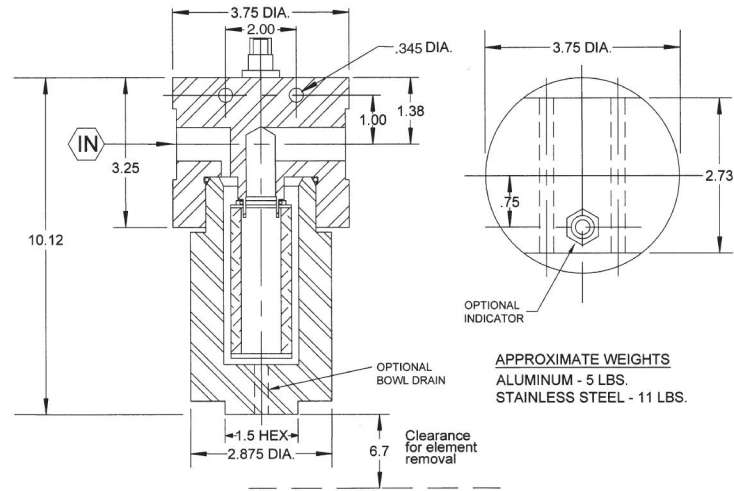


Ask your HPT representative for the HPT Filter Interchange Guide with over 100,000 interchangeable elements available.

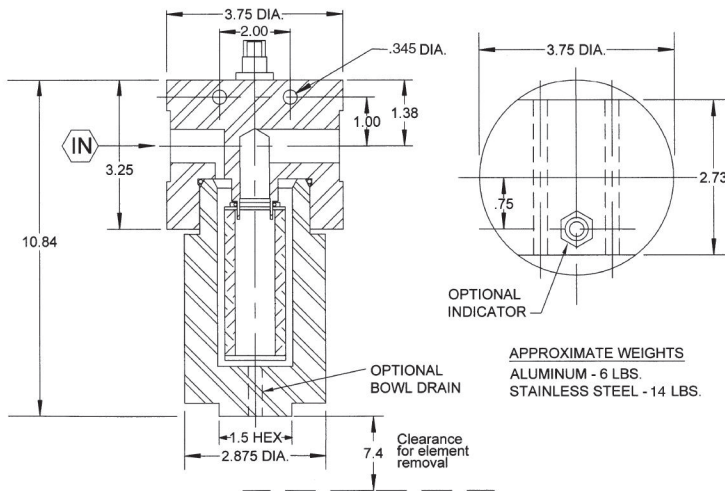
### 10 - GPM Size / 233 Element



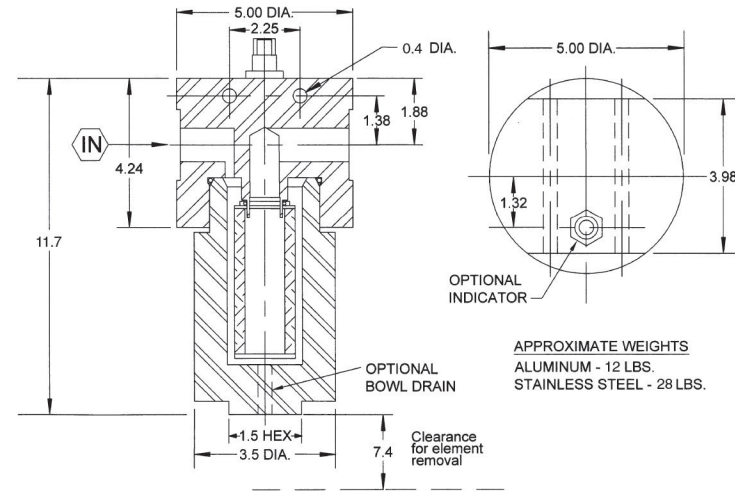
### 16 - GPM Size / 234 Element



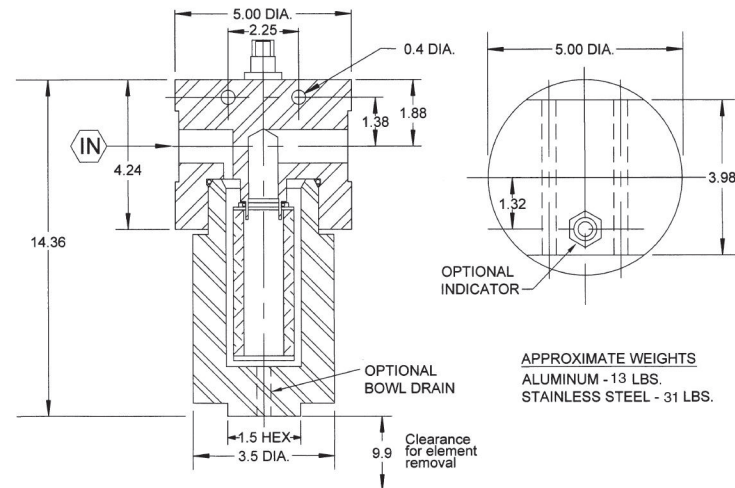
### 24 - GPM Size / 284 Element



### 35 - GPM Size / 285 Element



### 50 - GPM Size / 286 Element



## Pressure Specification

Housing	A	S	G
Material	Aluminum	303 SS	316 SS
Operating (psi)	5,000	6,000	6,000
Proof (psi)	7,500	9,000	9,000
Burst (psi)	20,000	24,000	24,000

# HOW TO ORDER

## EXAMPLE ASSEMBLY

A 8550-N10WE - ACCESSORIES								
T	T	T	T	T	T	T	T	T
A	B	C	D	E	F	G	H	I

## EXAMPLE REPLACEMENT ELEMENT

2	3	3	-	25M	D	V
T	T	T	T	T	T	T
C	E	F	D			

(ELEMENT SIZE ON CHART)

### A

HOUSING MATERIAL	
A	Aluminum
S	303 Stainless
G	316 S.S.

### B

HOUSING PRESSURE	
85	Aluminum 5000 PSI
85	303, 316 Stainless 6000 PSI

### C

PORT SIZE						
FLOW	GPM	10	16	24	35	50
	SCFM	300	600	1200	2500	4000
PORT SIZE		IDENTIFICATION NUMBER				
ELEMENT SIZE		233	234	284	285	286
1/4" NPT		25	27	29		
3/8" NPT		38	40	42		
1/2" NPT		50	52	54		
3/4" NPT		75	77	79		
1" NPT		86	88	90	92	94
1 1/4 NPT					96	98
1 1/2 NPT					97	99
1/4" S.A.E.	05					
3/8" S.A.E.	10	12	14	16	18	
1/2" S.A.E.-8	15	17	19	51	53	
3/4" S.A.E.-12	35	37	39	55	57	
1" S.A.E.-16	41	43	45	47	49	
1 1/4" S.A.E.-20				65	67	
1 1/2" S.A.E.-24				85	87	

### D

O-RING SPECIFICATIONS		
CODE	MATERIAL	TEMPERATURES
N**	Nitrile(Buna)	-40° to 250°F
V**	Viton®	-20° to 400°F
E	Ethylene Propylene	-60° to 300°F
K	Kalrez®	-40° to 550°F
S	Teflon Encapsulated Viton Core	-4° to 400°F

\*\*for 90- durometer add 9 to code (example: V9)  
©DuPont

### E

MICRON RATING						
#	NOM.	ABS	W	C	M	
3C	3	10		x		
10C	10	25		x		
1M	-	1			x	
3M	-	3			x	
6M	-	6			x	
12M	-	12			x	
25M	-	25			x	
10W	2	10	x			
18W	5	18	x			
25W	10	25	x			
75W	40	75	x			
150W	100	150	x			
1PM	.05	.20				
2PM	.20	.70				
3PM	.30	2				
4PM	.80	5				

NOTE:  
C = Cellulose  
M = Microglass  
W = S.S. wire mesh  
PM = Sintered Metal

### F

COLLAPSE RATING	
CODE	DESCRIPTION
A	Cellulose 150-PSI
B	Cellulose 300-PSI
C	Microglass 300-PSI
D	Microglass 3,250-PSI
E	304 Wire Mesh 4,500-PSI
F	316 Sintered 2,000-PSI

### G

ACCESSORIES	
V	Visual Indicator ***
E	Electrical Indicator ***
D1	1/8 NPT △ P Port
D2	1/4 NPT △ P Port
D4	1/4 SAE △ P Port
DC	DIN - Connector (Includes E)

### H

**B\* - Bypass**  
\* Insert Pressure  
Setting Default is  
50 PSID

### I

BOWL DRAIN	
B1	1/8 NPT
B2	1/4 NPT
B4	1/4 SAE

\*\*\* Consult Factory  
for pressure  
limitations.



# FLOW DATA (PRESSURE DROP vs. FLOW)

