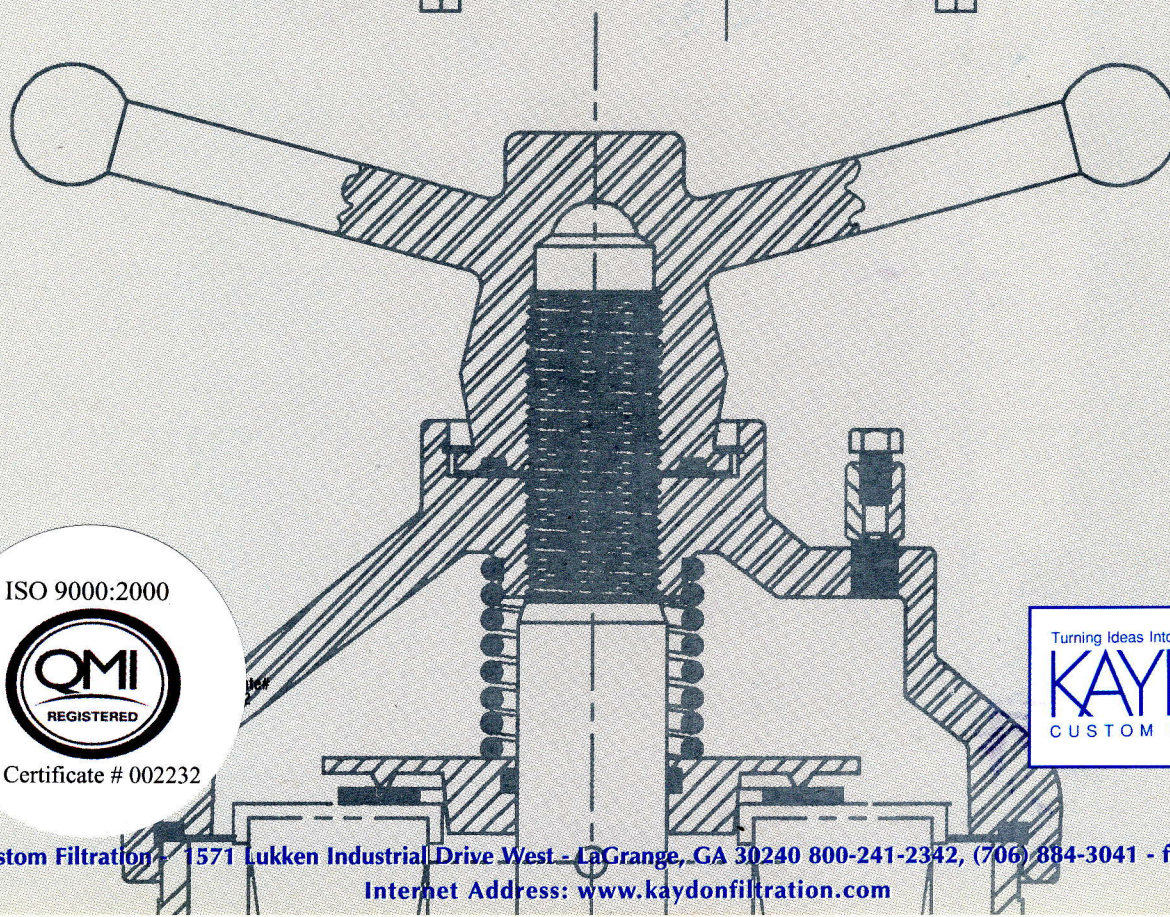
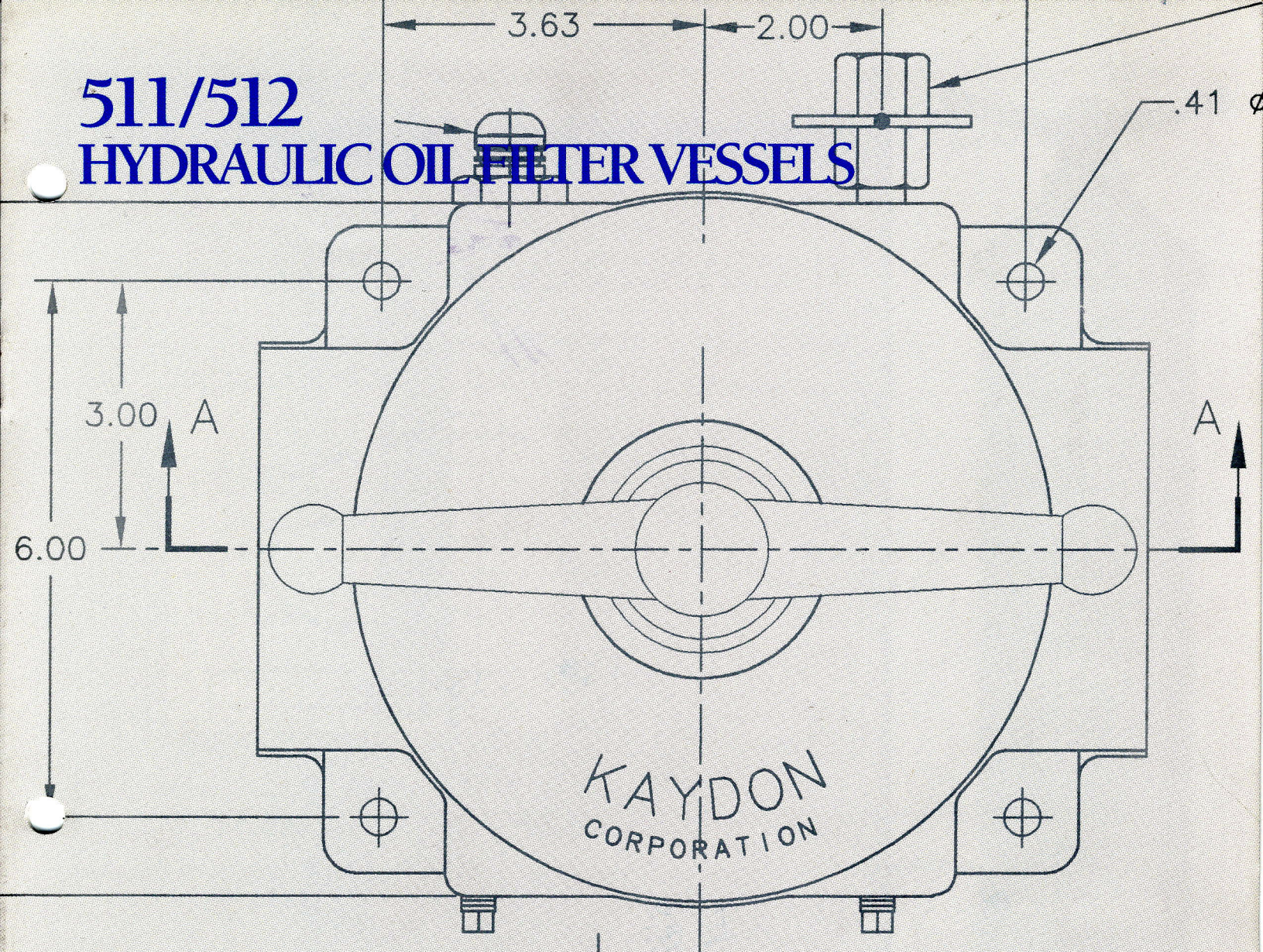


511/512 HYDRAULIC OIL FILTER VESSELS



ISO 9000:2000



Certificate # 002232

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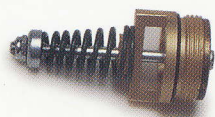
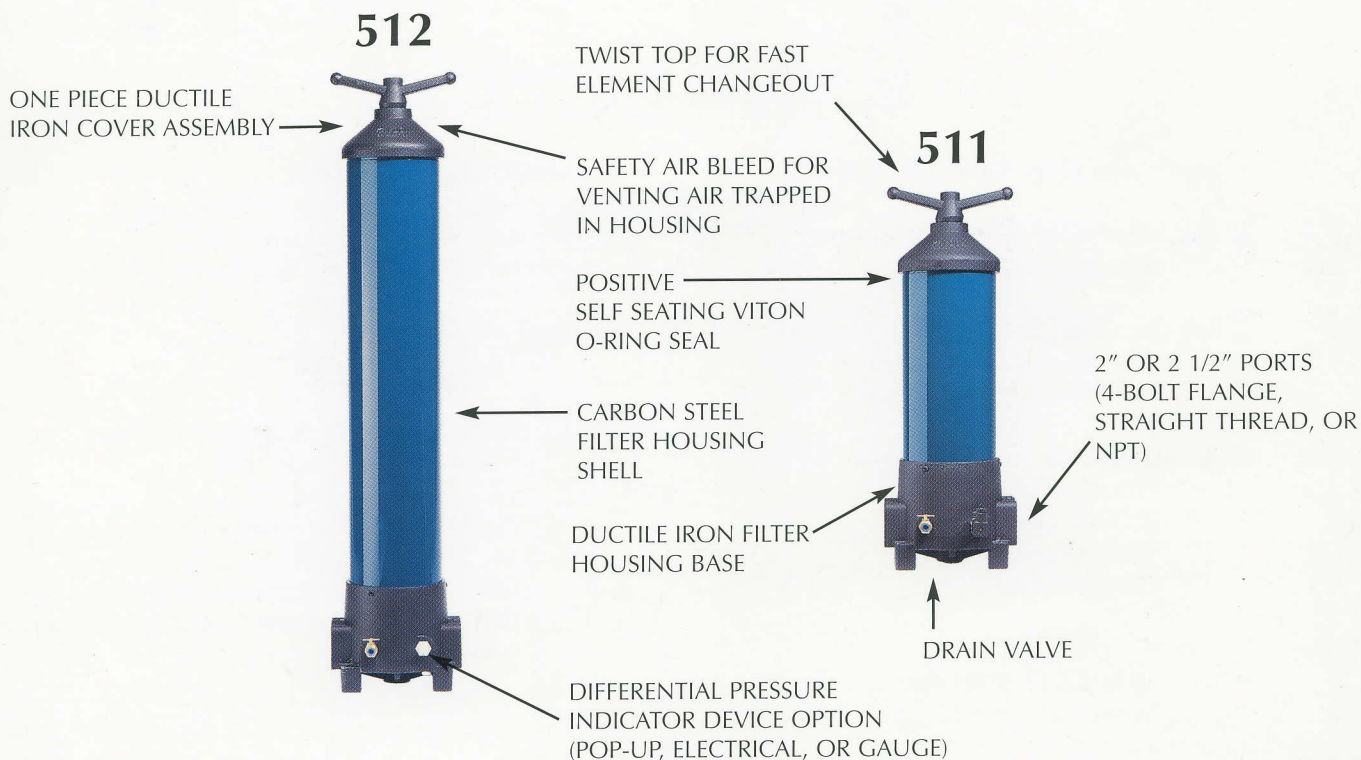
KAYDON
CUSTOM FILTRATION

Kaydon Custom Filtration - 1571 Lukken Industrial Drive West - LaGrange, GA 30240 800-241-2342, (706) 884-3041 - fax (706) 883-6199

Internet Address: www.kaydonfiltration.com

511/512

FILTER HOUSING FEATURES



by-pass valve
Protects element from high differential pressures due to dirt loading and cold startups.



inlet/outlet gauges
0-600 psig



pop-up differential pressure indicator

Pop-up or electrical indicator devices signals a high differential pressure before bypass valve opens. This indicates element needs replacement.



electrical differential pressure indicator



Differential Pressure Gauge

The DP gauge gives an accurate level of differential pressure in psid at all times and indicates with a "Red" scale the need for an element replacement.

KAYDON
Custom Filtration



Certificate#
002232

LaGrange, GA

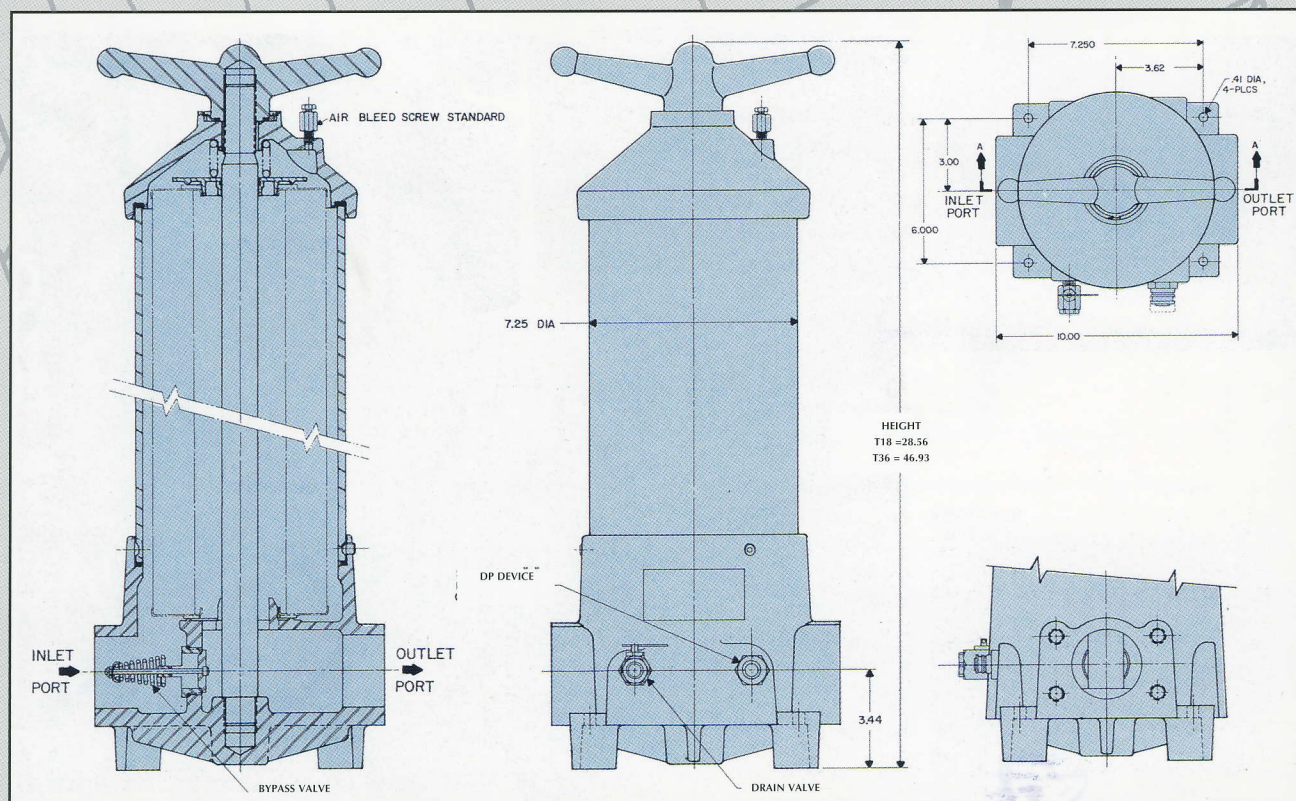
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KAYDON
CUSTOM FILTRATION

511/512

FILTER HOUSING SPECIFICATIONS

1. Maximum Flow Rate: 140 gpm
2. Maximum Operating Pressure:
500 psig
3. Interior: Rust Preventative Coating
Exterior: Kaydon Blue Shell
Black Head & Base
4. Construction:
Head & Base -
Ductile Iron
Shell Construction -
Carbon Steel
5. Dry Weight:
Model 511 = 88 lbs.
Model 512 = 123 lbs.
6. Seals: BUNA-N
7. Inlet/Outlet Port Style:
SAE 4-Bolt Flange = 2" or 2 1/2"
SAE Straight Thread = 2"
NPT Pipe Thread = 2"
8. Bypass Valve:
15, 25, or 40 psid
9. Differential Pressure Indicator Device:
Visual Pop-Up Indicator -
15, 25, or 40 psid
Electrical Switch Indicator -
15, 25, or 40 psid
Inlet- Outlet Gauges - 0-600 psig
Differential Pressure Gauge -
0-40 psid



511/512

FILTER ELEMENT FEATURES

KAYMAX HIGH PERFORMANCE EXTENDED LIFE FILTER ELEMENT

END CAP ASSEMBLY

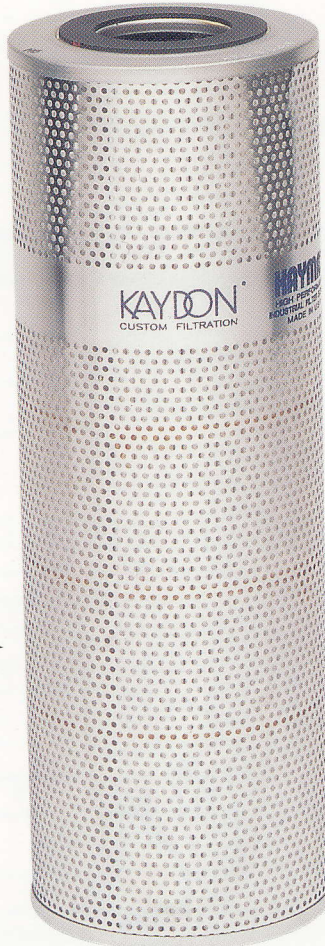
NITRILE GASKETS, STEEL
ENDCAPS, AND EPOXY
ADHESIVES.

HEAVY DUTY CONSTRUCTION

HIGH COLLAPSE RATING AT
100 PSID AND CAPABLE OF
FILTERING VISCOUS FLUIDS
UP TO 4,000 SSU.

KAYDON FIBERGLASS FILTER MEDIA

MAINTAINS PLEAT INTEGRITY,
RESISTS AGAINST PROBLEMS
DUE TO FLOW OR PRESSURE
SURGES, AND REMAINS
SUPPORTED AT COLD START-
UPS AND HIGH DIRT LOADING
CONDITIONS. MEDIA IS
SUPPORTED BOTH UPSTREAM
AND DOWNSTREAM.



STEEL JACKET

PERFORATED STEEL JACKET PROTECTS
ELEMENT MEDIA AND DEAD BAND
AREA CLEARLY LABELS THE ELEMENT
MODEL AND SPECIFICATIONS.

WIDE MICRON RANGE SELECTIVITY

2.8 MICRON TO 37 MICRON
ABSOLUTE PER ISO 4572.

HIGH DIRT HOLDING CAPACITY

CAPACITY TO OVER TWO POUNDS
PER ANSI/(NFPA) T3.10.8.8R1.

**THE KAYDON KAYMAX FILTER
ELEMENTS** ARE DESIGNED TO
MEET THE CRITICAL FILTRATION
REQUIREMENTS OF TODAY'S
HYDRAULIC FLUID SYSTEMS.
THE KAYMAX FILTER ELEMENT
USES SPECIALLY FORMULATED
MULTI-LAYERED FIBERGLASS
MEDIA FOR ULTRA FINE PARTICLE
FILTRATION WITH EXTENDED
ELEMENT LIFE. THE KAYMAX
FILTER ELEMENT MAINTAINS
EXCEPTIONAL PLEAT INTEGRITY
UNDER FLOW OR PRESSURE
CHANGES AND IS UNAFFECTED
BY THE PRESENCE OF WATER.
COMPATIBLE WITH PETROLEUM
BASE HYDRAULIC OILS, WATER-
OIL EMULSIONS, AND MOST
SYNTHETIC HYDRAULIC FLUIDS.

511/512

FILTER ELEMENT SPECIFICATIONS

Element Nomenclature: **KM**

KM =
Kaydon 511/512
Filter Element Series

60XX

60XX
 6018 = 6"x18" element
 6036 = 6"x36" element

ZZ

ZZ
 Mean Efficiency Rating
 05 = .5 micron 8 = 8 micron
 2 = 2 micron 15 = 15 micron
 3 = 3 micron
 Strainer Element Rating
 100 = 100 mesh (141 micron)
 200 = 200 mesh (74 micron)

Performance

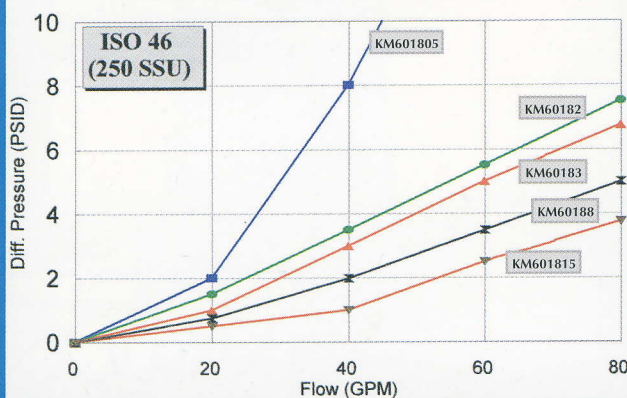
Model #	Mean Efficiency ISO 4572 (microns)	Absolute Efficiency ISO 4572 (microns)	Dirt Holding Capacity ISO 4572 (grams)	Surface Area (square Inches)
(6"x18")				
KM601805	0.5	2.8	150	3,200
KM60182	2.0	6.0	175	3,500
KM60183	3.0	10.0	225	3,500
KM60188	8.0	20.0	325	3,800
KM601815	15.0	37.0	425	3,800
Strainer Elements				
KS6018100	----	141.0	N/A	3,200
KS6018200	----	74.0	N/A	3,200
(6"x36")				
KM603605	0.5	2.8	375	6,400
KM60362	2.0	6.0	440	7,000
KM60363	3.0	10.0	565	7,000
KM60368	8.0	20.0	815	7,600
KM603615	15.0	37.0	1,100	7,600
Strainer Elements				
KS6036100	----	141.0	N/A	6,400
KS6036200	----	74.0	N/A	6,400

Minimum Collapse Pressure = 100 psid

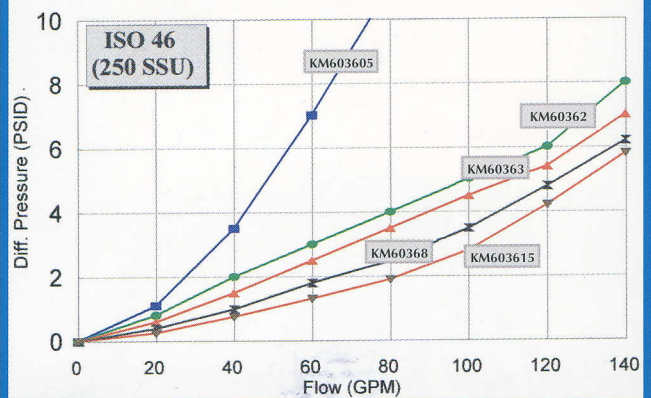
Maximum Operating Temperature = 250F

Replacement Pressure = 20-25 psid

Pressure Drop Curve
 511 Filter Vessel + Element



Pressure Drop Curve
 512 Filter Vessel + Element



LAGRANGE
GEORGIA

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KAYDON
CUSTOM FILTRATION

ISO 9001-94



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002232

MODEL NUMBER

KF 6018-5

TYPE:

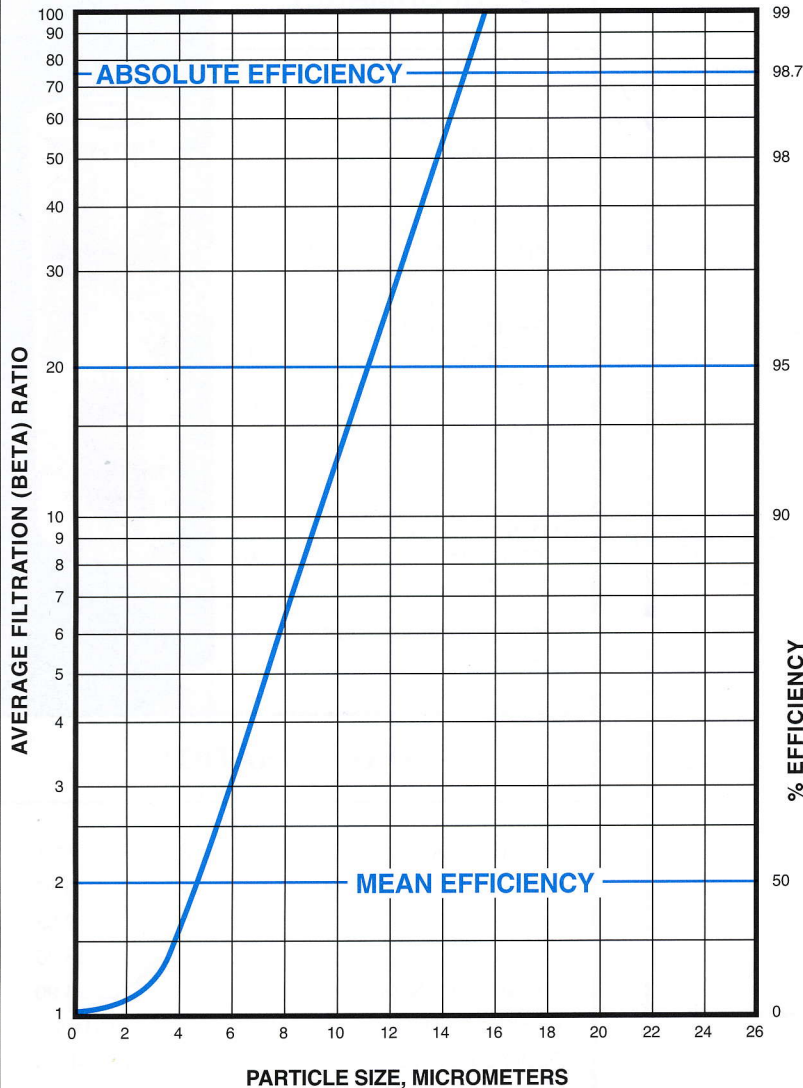
PARTICULATE

ISSUE DATE:

7/01

KAYFLO® FILTER ELEMENT SPECIFICATIONS

TYPICAL EFFICIENCY CURVE



PERFORMANCE

MEAN EFFICIENCY
MICROMETERS 5
ANSI/(NFPA) T3.10.8.8R1

ABSOLUTE EFFICIENCY
MICROMETERS 14
ANSI/(NFPA) T3.10.8.8R1

APPARENT DIRT CAPACITY
GRAMS AC FINE TEST DUST
@ 25 PSID 200
ANSI/(NFPA) T3.10.8.8R1

MINIMUM COLLAPSE PRESSURE
PSID 75
(ISO 2941)

MAXIMUM OPERATING
TEMPERATURE °F 250
(ISO 2943)

REPLACEMENT PRESSURE
PSID 25



CONFIGURATION

FILTER AREA, SQ. IN. 4007
OUTSIDE DIAMETER, IN. 6.06
INSIDE DIAMETER, IN. 2.63
LENGTH, IN. 18.00
WEIGHT, POUNDS 4.40
GASKET MATERIAL NITRILE
FLOW DIRECTION OUTSIDE-IN

DIFFERENTIAL PRESSURE VS. FLOW

