IN LINE HIGH PRESSURE FILTERS CETOP MOUNTED
HF 725 SERIES

IKRON®
Fluid Filtration

The high pressure filters HF725 series are characterized by a direct and modular assembly on valve blocks.

- CETOP 3 CONNECTIONS WITH REFERENCE TO ISO4401
- WORKING PRESSURE 350 BAR
- MODULAR ASSEMBLY
- COMPACT DESIGN AND LOW WEIGHT

COMPLETE FILTER		
MATERIALS	Head	Spheroidal cast iron EN-GJS-400
	Bowl	Steel C45
	Seals	Buna - Viton
FLUID COMPATIBILITY CONFORMING TO ISO 2943	With reference to ISO 6743/4	With fluid (HH-HL-HM-HR-HV-HG), water emulsion (HFAE-HFAS), and water - glycol (HFC) use filters with Buna seals.
		With synthetic fluid (HS-HFDR-HFDU-HFDS) use filters with Viton seals
FLOW RANGE	up to	40 [l/min]
MAX WORKING PRESSURE		35000 [kPa] 350 bar
TESTING PRESSURE		47500 [kPa] 475 bar
BURST PRESSURE		60000 [kPa] 600 bar
OPERATING TEMPERATURE	With Buna seals	- 30 + 90 [°C]
	With Viton seals	- 20 + 110 [°C]
FILTER ELEMENT		
MATERIALS	End cap - Inner tube	Zinc plated steel (With water - glycol ask for cover with zinc)
	Filter media	Inorganic micro-fibre glass
		Stainless steel
REMOVAL RATING		Conforming to ISO 16889
ELEMENT COLLAPSE PRESSURE RATING	Conforming to ISO 2941	21000 [kPa] 210 bar

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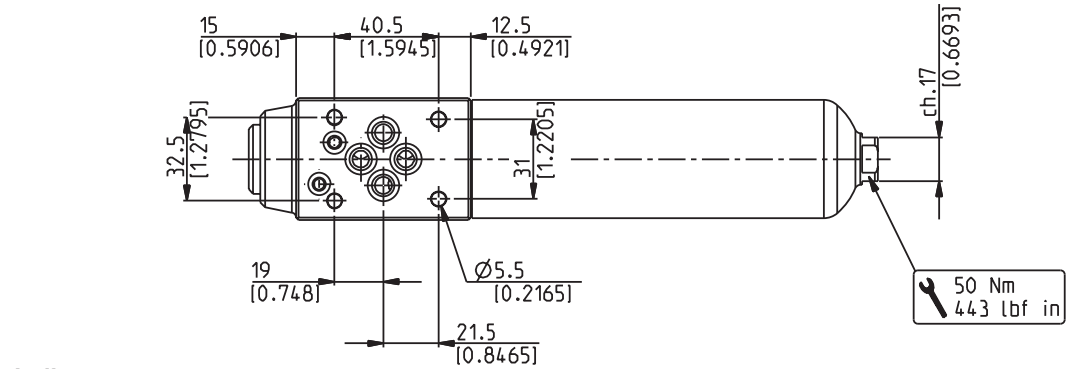
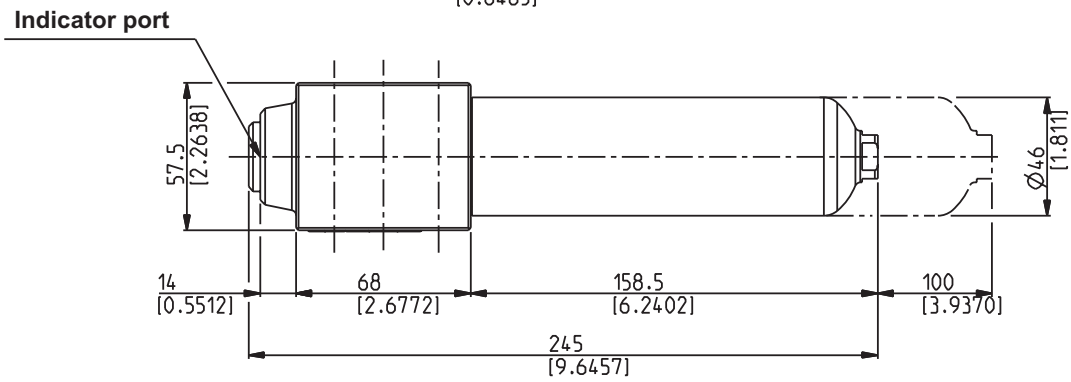
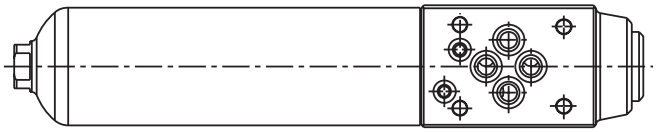
TECHNICAL DATA HF 725-10

Version "A"

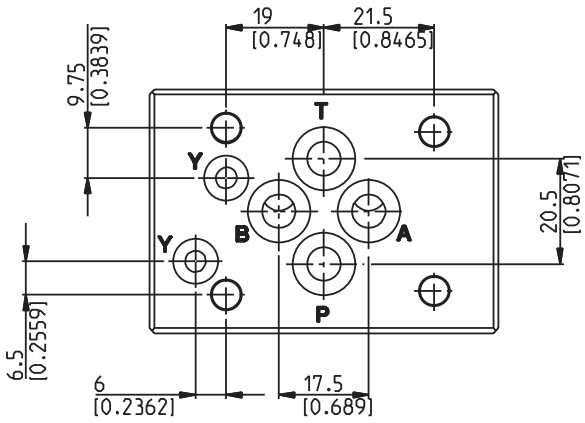




Version "B"



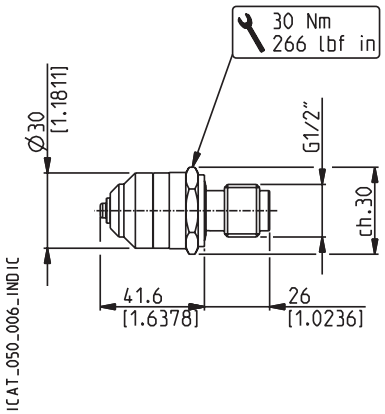
CETOP 3



ICAT_023_001_HF725

VISUAL DIFFERENTIAL INDICATOR

H

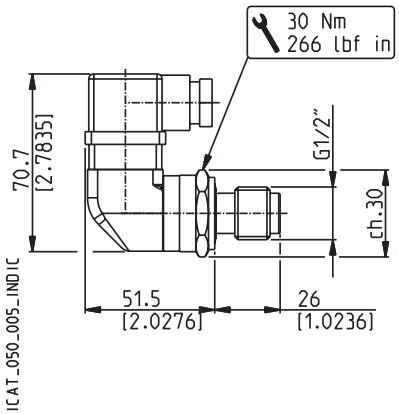


ICAT_050_006_INDIC

VISUAL ELECTR. DIFF. INDICATOR

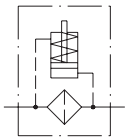
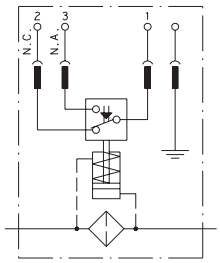
U

W



ICAT_050_005_INDIC

GRAPHIC SYMBOL

		
Filter	With visual differential indicator H	With visual electrical-visual differential indicator H

HOW TO ORDER A COMPLETE FILTER

1	2	3	4	5	6	7	8
HF 725 - 10.100	- AS	- FG010	- HC	- B00	- B	- XD	- H	- A

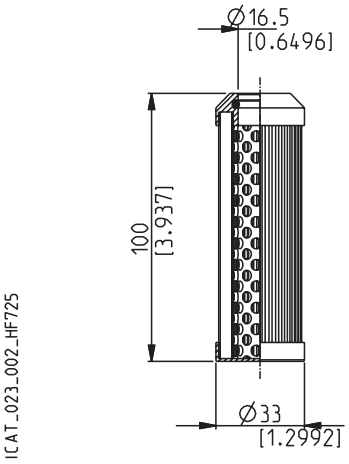
1	Filtering surface	CODE
Standard		AS
2	**Degree of filtration**	**CODE**
3	[µm] Micro-fibre glass	FG003
6	[µm] Micro-fibre glass	FG006
10	[µm] Micro-fibre glass	FG010
25	[µm] Micro-fibre glass	FG025
10	[µm] Stainless steel	MI010
25	[µm] Stainless steel	MI025
3	**Δp - Collapse pressure**	**CODE**
21000 [kPa]; 210 [bar]		HC
4	**By-pass valve**	**CODE**
None		B00
5	**Seals**	**CODE**
Buna		B
Viton		V

6	Indicator arrangement	CODE
None		XN
Arranged		XD
Aranged with plug		DD
7	**Indicators**	**CODE**
Without		G
Visual differential indicator		H
Visual electrical differential indicator		U
Visual electrical differential indicator with thermostat		W
8	**Version**	**CODE**
Right		A
Left		B

Standard

On request

FILTERING ELEMENTS HF 725 - TECHNICAL DATA



Element type	Standard filtering surface (FG)	
	cm^2	
	FG	MI
HE K85-10.100	280	360

HOW TO ORDER A REPLACEMENT

		1		2		3		4
HE K85-10.100	-	**AS**	-	**FG010**	-	**HC**	-	**B**

1	Filtering surface	CODE
Standard		**AS**
2	**Degree of filtration**	**CODE**
3	[µm] Micro-fibre glass	**FG003**
6	[µm] Micro-fibre glass	**FG006**
10	[µm] Micro-fibre glass	**FG010**
25	[µm] Micro-fibre glass	**FG025**
10	[µm] Stainless steel	**MI010**
25	[µm] Stainless steel	**MI025**

3	Δp - Collapse pressure	CODE
21000 [kPa]; 210 [bar]		**HC**
4	**Seals**	**CODE**
Buna		**B**
Viton		**V**

I023-002 - 01/01.07