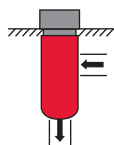


HIGH PRESSURE FILTERS

CF Series

Manifold Cartridge Filters

3000 psi • up to 25 gpm

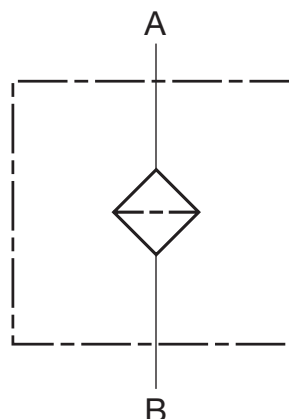


CFxx20



CFxx45

Hydraulic Symbol



Features

- Made of aluminum for light weight and low cost.
- Made to dispose of when fully clogged.
- Low price - market competitive.

Applications



Agricultural



Construction



Industrial



Commercial
Municipal



Railways

Technical Specifications

Port Connections		CF20 CF45	SAE-16 Modified Cavity SAE-20 Cavity (VC20-S3)
Direction of Flow		Outside to Inside flow	
Materials of Construction		Aluminum	
Flow Capacity			
CF20	5 GPM (15 micron - fiberglass media) 2.5 GPM recommended design flow max. - for high efficiency media		
CF45	12 GPM (25, 149 micron - wire screen media)		
	12 GPM (15 micron - fiberglass media)		
	6 GPM recommended design flow max. - for high efficiency media		
	25 GPM (25, 149 micron - wire screen media)		
Housing Pressure Rating			
Max. Allowable Working Pressure:		3000 psi (207 bar)	
Proof Pressure:		4500 psi (310 bar)	
Element Performance Rating			
MM, W		290 psid (20 bar)	
Fluid Temperature Range		-22°F to 250°F (-30°C to 121°C)	
Consult HYDAC for applications operating below -22°F (-30°C)			
Fluid Compatibility			
Compatible with all hydrocarbon based, synthetic, water glycol, oil/water emulsion, and high water based fluids when the appropriate seals are selected.			

Model Code

CF W 20 G 25 W 1 . 0 / 12

Filter Type _____
CF = Manifold Cartridge Filter

Element Media _____
MM = Mobilemicron® W = Wire Mesh

Size _____
20, 45

Type of Connection _____
G = Threaded

Filtration Rating (micron) _____
25, 149 = W 15 = MM

Type of Indicator _____
W = No Indicator Available

Type Number _____
1 = Standard Configuration

Modification Number (latest version always supplied) _____

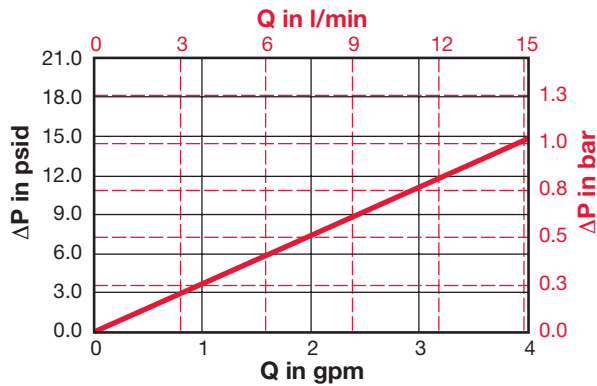
Port Configuration _____
12 = SAE-16 Modified Cavity (CF 20)
12 = SAE-20 Cavity (VC20-S3) (CF 45)

Seals _____
(omit) = Nitrile rubber (NBR) (standard)
V = Fluorocarbon elastomer (FKM)

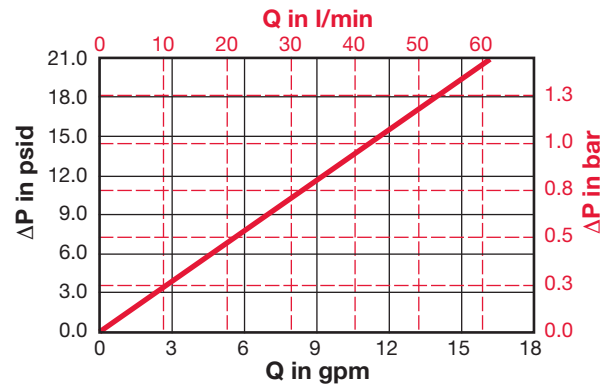
Model Codes Containing RED are non-stock items — Minimum quantities may apply — Contact HYDAC for information and availability

Pressure Drop Curves

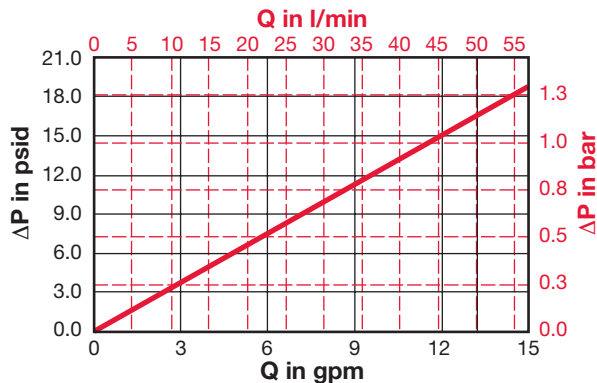
CFMM20G15W1.0/12



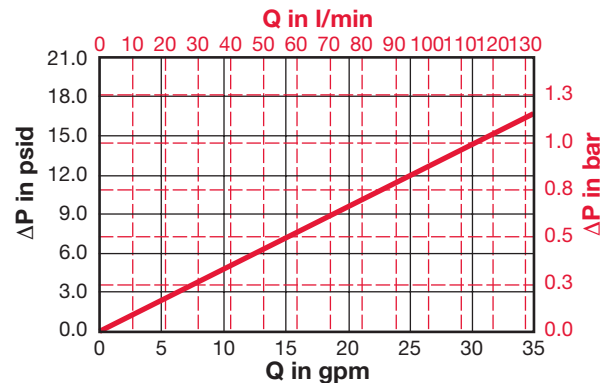
CFW20G25/149W1.0/12



CFMM45G15W1.0/12



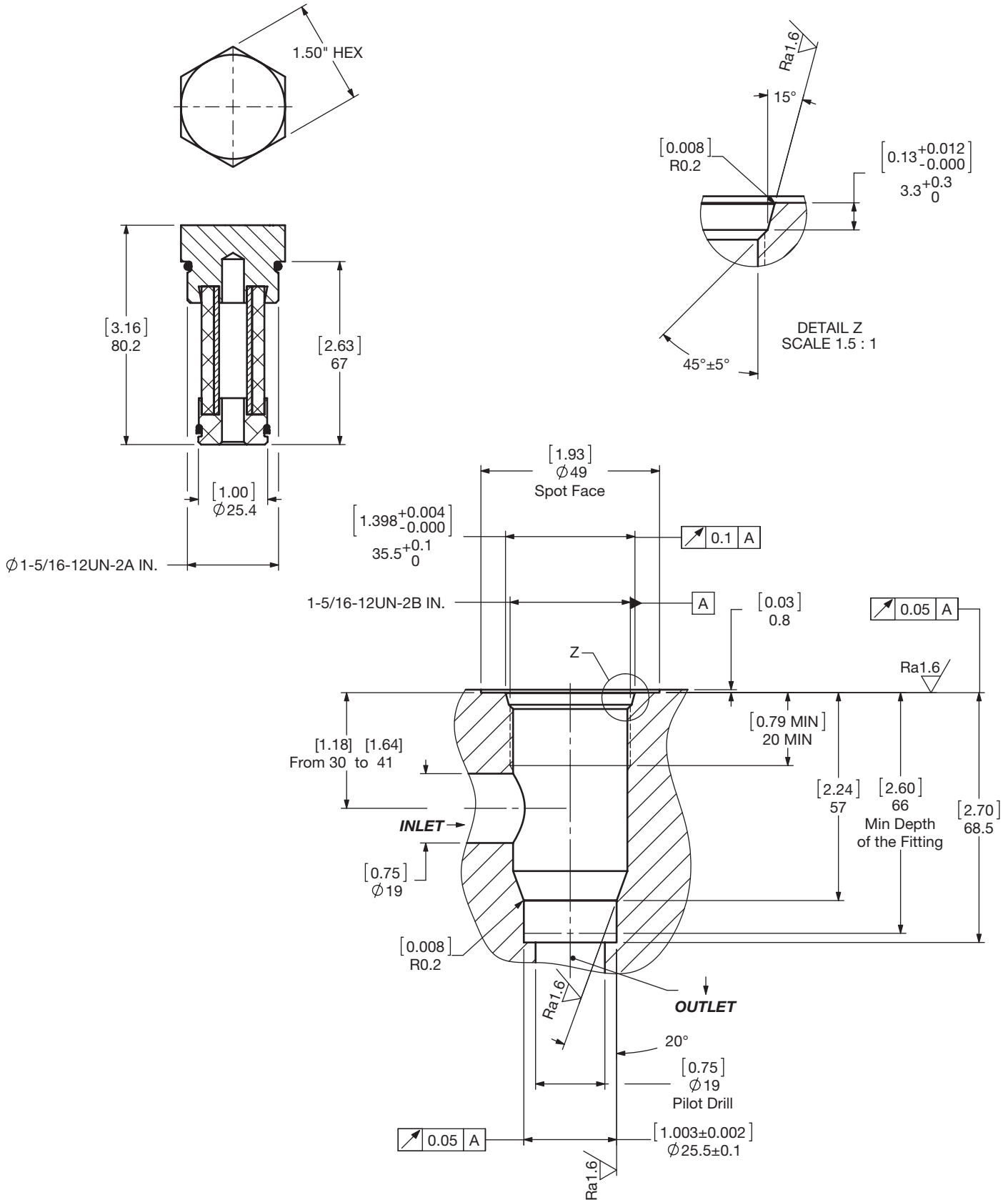
CFW45G25/149W1.0/12



HIGH PRESSURE FILTERS

Dimensions
CFxx20

Installation Torque:
CF20 – 60 Lbf-ft (80 N-m)

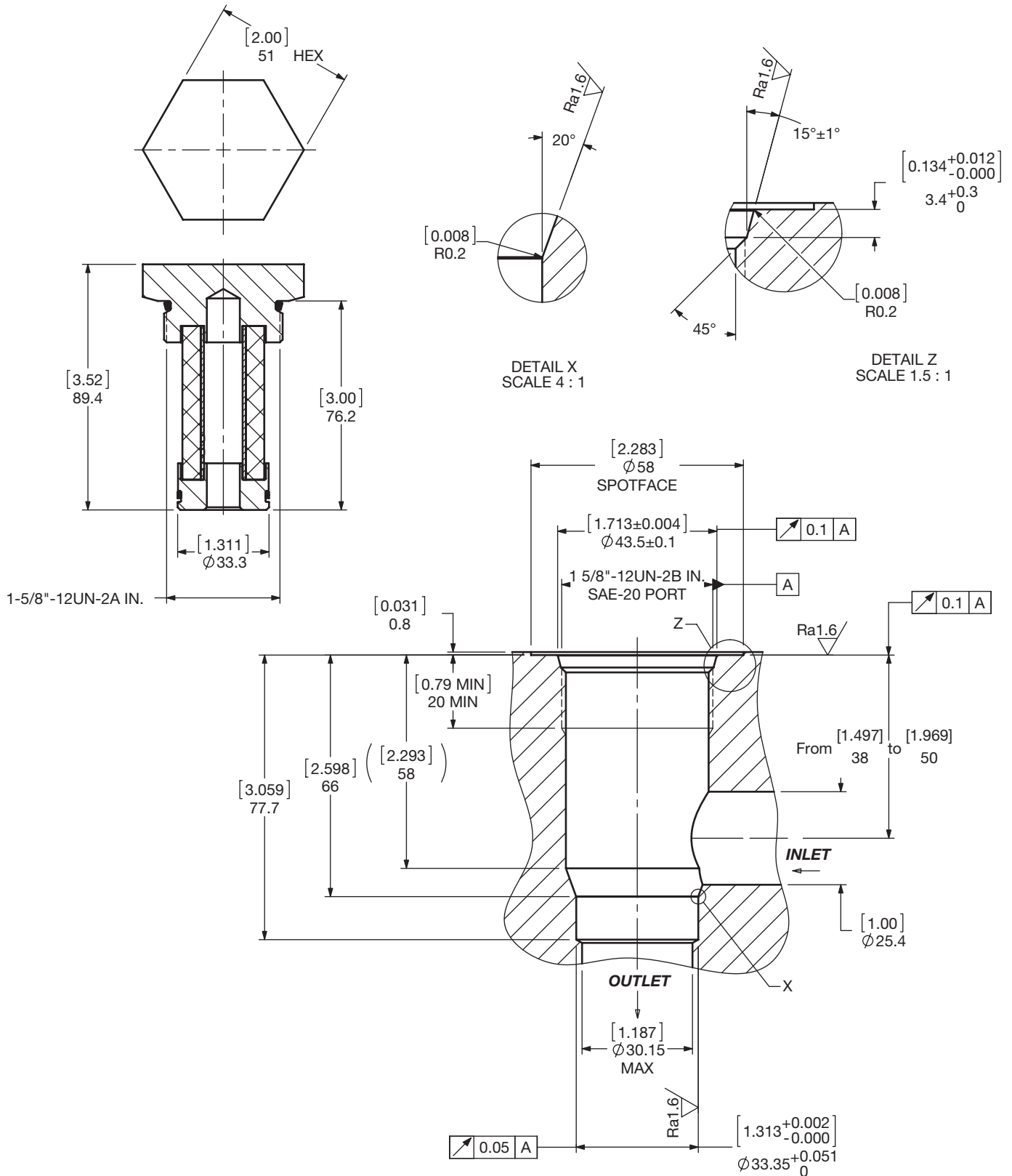


Size	20
Weight (lbs.)	0.5

Dimensions shown are [inches] millimeters for general information and overall envelope size only. Weights listed include element.
For complete dimensions please contact HYDAC to request a certified print.

Dimensions CFxx45

Installation Torque:
CF45 – 90 Lbf-ft (120 N-m)



Size	45
Weight (lbs.)	0.5

Dimensions shown are [inches] millimeters for general information and overall envelope size only. Weights listed include element.
For complete dimensions please contact HYDAC to request a certified print.