

FILTER ELEMENTS

Mobilemicron® Series

Mobile filtration - low cold start ΔP



Description

The HYDAC Mobilemicron® filter elements are designed to efficiently handle applications in the demanding mobile industry. Applications utilizing these elements will experience safe, reliable operation of the mobile device.

The Mobilemicron® is characterized by an especially low pressure drop which makes them particularly suitable for use wherever high viscosity fluids are employed, especially at low temperatures producing cold start behavior. Under these conditions, this element exhibits far lower pressure drops than competitive depth elements resulting in lower energy requirements to operate the hydraulic systems.

This filter element is also a prime candidate for gear lubrication systems using high viscosity oils with high temperature variations during operations.

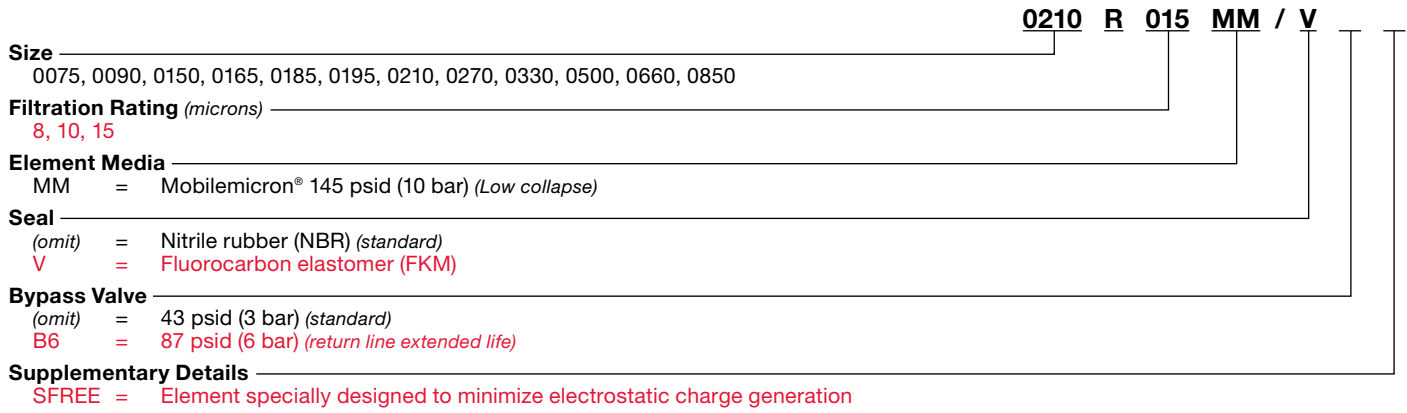
Features

- Unique filter media has a very low resistance to fluid flow – thus, reducing element ΔP .
- Synthetic fiber media, multi-layered with support
- Low collapse – 10 bar (145 psid)
- For use in HYDAC RF, RFD, RFL, RFLD, RFM, RKM, MFX Filters

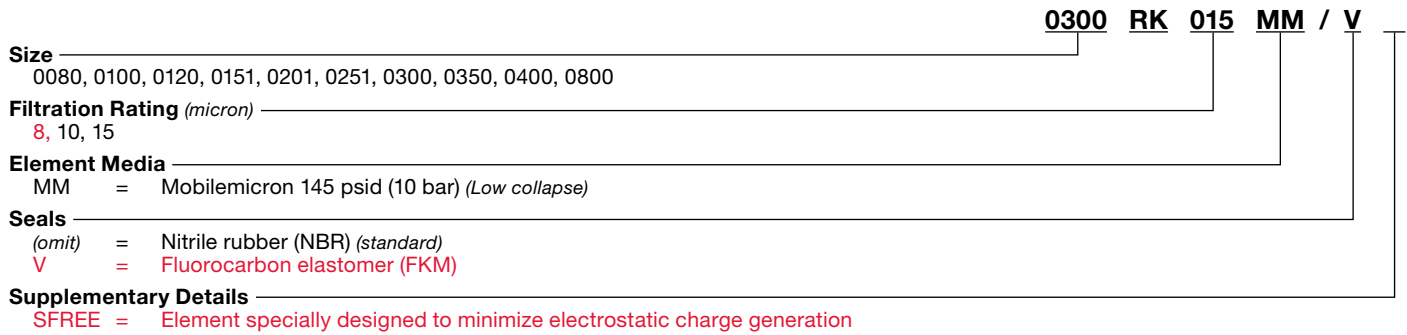
Technical Specifications

Collapse Rating	145 psid (10 bar) (...R...MM)
Temperature range	-22°F to 212°F (-30°C to 100°C)
Flow direction	outside to inside
Filtration Rating	8, 10, 15 μm
Category	Disposable - single use
Bypass Cracking Pressure	
	R = 43 psid (3 bar) (standard)
	RK = 50.75 psid (3.5 bar)
	MX = 50.75 psid (3.5 bar)

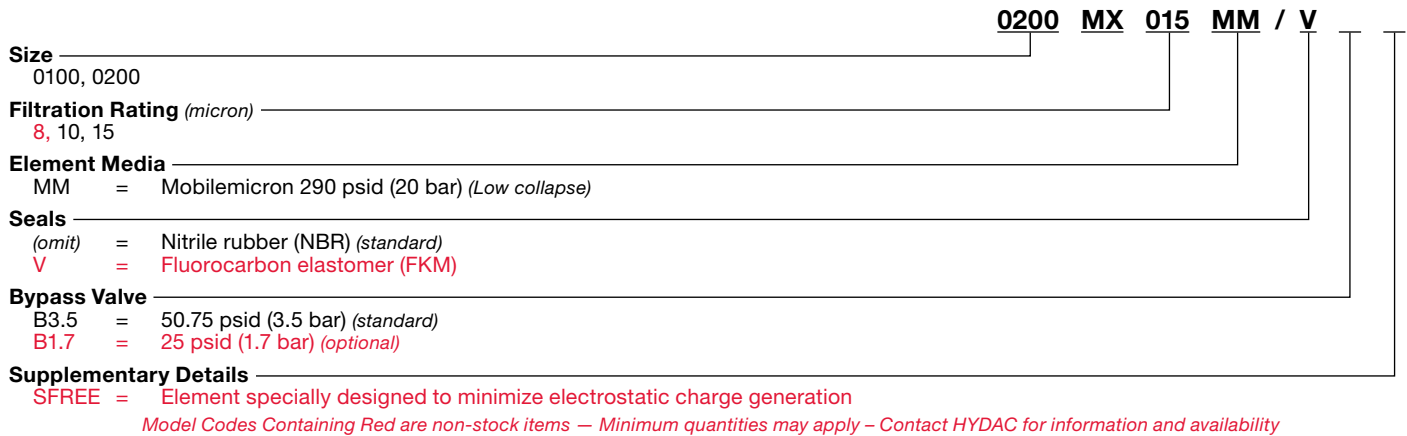
“R” Return Elements Model Code



“RK” RKM Element Model Code



“MX” Element Model Code



Beta Ratio (β) Values for Mobilemicon

