LW60 Longwall Filter



Longwall Filter LW6



Features

- Horizontal alignment allows straight-through flow, maximizing efficiency and minimizing pressure drop
- Propriety synthetic media designed specifically for the mining industry, Excellement®-MD, provides level of filtration not achievable using alternative wire mesh elements because of their lack of absolute ratings
- Two-inch BSPP ports are easily adaptable to Super Stecko fittings commonly used underground
- Stainless steel bypass valve that ensures smooth integration with 95/5 fluid
- Non-bypassing version available with high crush (4500 psid) cleanable metal mesh (25 micron) element

Pressure	Element Series Part No.		Element selections are predicated on the use of 150 SUS (32 cSt) petroleum based fluid and a 50 psi (34 bar) bypass valve.					
6000 psi	Z Media	39ZPZ3V						
		39ZPZ5V						
		39ZPZ10V						
		39ZPZ25V						
<u> </u>		gpm	0 100		150	200	250	300
	FIOW	(L/min)	0 4	00	600	800	1000	1150



Sizing of elements should be based on element flow information provided in the Element Selection chart above. Please note that 95/5 fluid has a lower viscosity than 150 SUS and therefore pressure drops for 95/5 will actually be lower.

Filter Series	Element Part Number	Porting	Bypass Setting	Dirt Alarm
LW60	39ZPZ3V 39ZPZ5V 39ZPZ10V 39ZPZ25V	B32=ISO 228 G-2" (2-11 BSPP)	(Omit)= 50 psi Cracking 30 = 30 psi cracking	DPG= Differential Pressure Gauge
LWN60	39ZPMX25V	B32=ISO 228 G-2" (2-11 BSPP)	(Omit)= Blocked	DPG= Differential Pressure Gauge

Element Selection Based on **Flow Rate**

Pressure Drop Information **Based on Flow Rate and Viscosity**

Filter Model Number Selection LW60

Excellement MD

Mining Specific

Elements