

B54BM-Series Compact Sight Glass

Applications

- · Used in sanitary processes to view fluids. This sight glass is perfect on hose assemblies
- · Found in food processing, beverage, winery, brewery, pet product, and industrial markets

Sizes

• 1", 1-1/2", 2", 3", and 4"

Features

- · Compact design for hose assembly
- · Less cost to repair than bolted styles

Specifications

- Standard clamp connection
- · Sight glass working pressure:

1": 145 PSI

1-1/2": **145 PSI**

2": **145 PSI**

3": **120 PSI**

4": 95 PSI

- Maximum operating temperature: 200°F (93°C)
- Minimum operating temperature: 0°F (-17°C)
- · Materials of construction
 - Product contact metal components: 316L stainless steel
 - Product contact sight window: Polycarbonate or Borosilicate Glass
 - Product contact seals: White Nitrile Rubber, FKM, EPDM
- Surface finish
 - Product Contact Metal Components: Ra ≤ 32

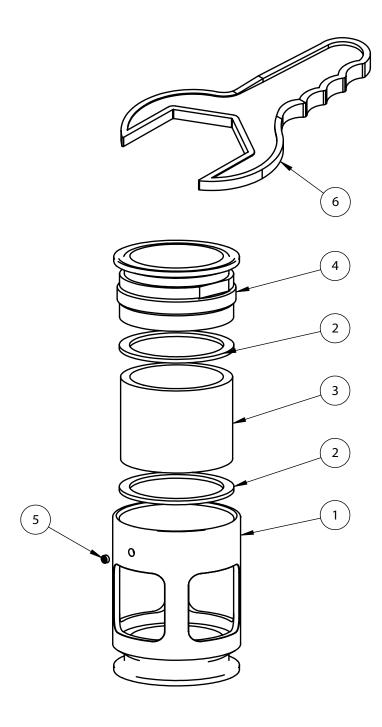


B54BM-Series Compact Sight Glass - Part Number Key

B54BM-Series Compact Sight Glass Part Number Key Example: B54BMPLX-R100_		Series	Sight Glass Material		Material	Size	Elastome
Example: D34DWI EX	B54BM	PLX	-	R	100		
Series	Code						
B54BM	B54BM	←					
Sight Glass Material	Code						
Polycarbonate	PLX	•					
Borosilicate glass	PS						
Material	Code						
316L stainless steel	R	•					
Size	Code						
1"	100	•					
1-1/2"	150						
2"	200						
3"	300						
4"	400						
Elastomer	Code						
Nitrile rubber (standard)	blank	•					
FKM	V						
EPDM	E						



B54BM-Series Compact Sight Glass - Bill of Materials

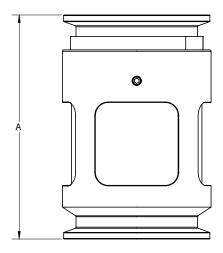


B54BM-Series Compact Sight Glass - Bill of Materials

Item									Qty.					
Item	Size	Part #	Description	Material	Borosilicate Insert			Polycarbonate Insert						
					Nitrile	EPDM	FKM	Nitrile	EPDM	FKM				
	1"	B54BMPS-1100												
1-1/	1-1/2"	B54BMPS-1150		316L stainless steel										
1	2"	B54BMPS-1200	window body, clamp		1	1	1	1	1	1				
	3"	B54BMPS-1300												
	4"	B54BMPS-1400												
		B54BMP-SK100		Nitrile	1	-	-	1	-	-				
	1"	B54BMP-EK100	elastomer kit (2-pieces)	EPDM	-	1	-	-	1	-				
		B54BMP-VK100		FKM	-	-	1	-	-	1				
		B54BMP-SK150		Nitrile	1	-	-	1	-	-				
	1-1/2"	B54BMP-EK150	elastomer kit (2-pieces)	EPDM	-	1	-	-	1	-				
		B54BMP-VK150		FKM	_	-	1	-	-	1				
		B54BMP-SK200		Nitrile	1	-	_	1	-	_				
2	2"	B54BMP-EK200	elastomer kit (2-pieces)	EPDM	_	1	_	_	1	_				
_		B54BMP-VK200		FKM	-	-	1	_	_	1				
		B54BMP-SK300		Nitrile	1	_	_	1	_	_				
	3"	B54BMP-EK300	elastomer kit (2-pieces)	EPDM	_	1	_	_	1	_				
		B54BMP-VK300	,	FKM	_	_	1	_	-	1				
		B54BMP-SK400		Nitrile	1	_	_	1	_	_				
	4"	B54BMP-EK400	elastomer kit (2-pieces)	EPDM	-	1	_	-	1	_				
		B54BMP-VK400	, , , , , , , , , , , , , , , , , , , ,	FKM	_	_	1	_	_	1				
		B54BMPS-GL100		Borosilicate	1	1	1	-	-	-				
	1"	B54BMPS-LX100	insert	Polycarbonate	_	_	_	1	1	1				
		B54BMPS-GL150		Borosilicate	1	1	1	_	_	_				
	1-1/2"	B54BMPS-LX150	insert	Polycarbonate	_	_	_	1	1	1				
		B54BMPS-GL200		Borosilicate	1	1	1	<u> </u>	_	_				
3	2"	B54BMPS-LX200	insert	Polycarbonate	-		_	1	1	1				
		B54BMPS-GL300		Borosilicate	1	1	1	-	-	-				
	3"	B54BMPS-LX300	insert	Polycarbonate	-	-	-	1	1	1				
		B54BMPS-GL400		Borosilicate	1	1	1	· ·	_	-				
	4"	B54BMPS-LX400	insert	Polycarbonate	-	_	-	1	1	1				
	1"	B54BMPS-4100	upper body, clamp	316L stainless steel	1	1	1	1	1	1				
		B54BMPS-4150	upper body, clamp	316L stainless steel	1	1	1	1	1	1				
4	1-1/2" 2"	B54BMPS-4200	upper body, clamp	316L stainless steel	1	1	1	1	1	1				
4	3"	B54BMPS-4300	upper body, clamp	316L stainless steel	1	1	1	1	1	1				
	4"	B54BMPS-4400	upper body, clamp	316L stainless steel	1	1	1	1	1	1				
F	all	B54BMPS-5	M5-0.8 set screw	Stainless steel	1	1	1	1	1	1				
5	1"	B54BMPS-WR100	wrench	Aluminum	1	1	1	1	1	1				
	1-1/2"	B54BMPS-WR150	wrench	Aluminum	1	1	1	1	1	1				
6	2"	B54BMPS-WR150	wrench	Aluminum	1	1	1	1	1	1				
	3"		wrench	Aluminum										
		B54BMPS-WR300			1	1	1	1	1	1				
-	4"	B54BMPS-WR400	wrench	Aluminum	1	1	1	1	1	1				



B54BM-Series Compact Sight Glass - Dimensions



Size	A
1"	3.4"
1-1/2"	3.6"
2"	3.8"
3"	4.1"
4"	4.3"

B54BM-Series Compact Sight Glass - Repair Kits and Replacement Parts

Size	Nitrile Rubber Seal Kit ¹	FKM Seal Kit ²	EPDM Seal Kit ³	Borosilicate Glass Replacement	Polycarbonate Replacement
1"	B54BMP-SK100	B54BMP-VK100	B54BMP-EK100	B54BMPS-GL100	B54BMPS-LX100
1-1/2"	B54BMP-SK150	B54BMP-VK150	B54BMP-EK150	B54BMPS-GL150	B54BMPS-LX150
2"	B54BMP-SK200	B54BMP-VK200	B54BMP-EK200	B54BMPS-GL200	B54BMPS-LX200
3"	B54BMP-SK300	B54BMP-VK300	B54BMP-EK300	B54BMPS-GL300	B54BMPS-LX300
4"	B54BMP-SK400	B54BMP-VK400	B54BMP-EK400	B54BMPS-GL400	B54BMPS-LX400

¹Kit contains: 2 black nitrile gaskets

²Kit contains: 2 FKM gaskets ³Kit contains: 2 EPDM gaskets

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