

3-D BullsEye®

Inspect the oil level easily and accurately with a 360° view of what's happening inside your system.



FEATURES:

- Easy to install and maintain
- Durable and UV Resistant
- Engineered to outperform and outlast traditional viewports

MATERIALS & COMPONENTS:

- **Body:** Transparent Polyamide
- **Additional Materials*:**
 - Type I: Brass
 - Type III: Stainless Steel, Buna-N
 - Type IV: Zinc Plated Carbon Steel, Buna-N
 - Type V: Stainless-Steel, Buna-N

*See dimensional table

CHEMICAL COMPATIBILITY

Compatible with all mineral oils and most synthetic oils. (Contact Des-Case technical support for chemical compatibility inquiries)

PERFORMANCE SPECIFICATIONS:

Recommended Temperature Range	-40°F to 200°F (-40°C to 93°C)
Maximum Operating Pressure	65 psi (4.48 bar)

NOTE: Small variations in the manufacturing process can be common and will be within the allowable engineering tolerances. All above data is nominal and provided for information only and subject to change. All metric conversions are approximate.



Typical Applications:

- Pumps
- Gearboxes
- Oil Reservoirs

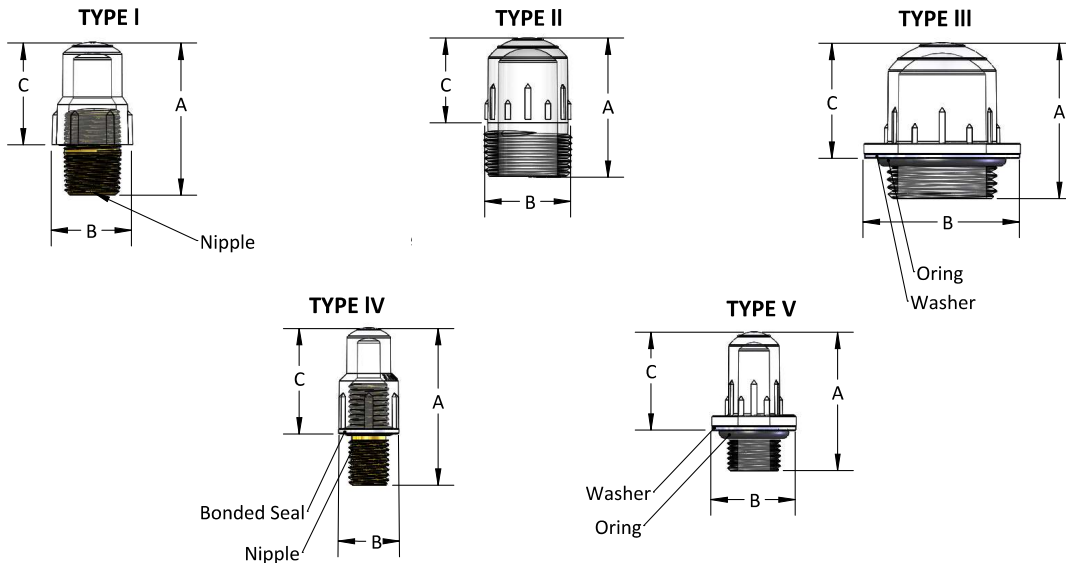
Typical Industries:

- Pulp & Paper
- Food & Beverage
- Petrochemical & Refinery



DIMENSIONS:

Type	Description	Part Code	A	B	C
			Inch / mm	Inch / mm	Inch / mm
NPT Sizes					
Type I	¼" NPT	DC-3DB0250	1.8 / 44.5	.8 / 21.3	1.1 / 29
	⅜" NPT	DC-3DB0375	1.8 / 46	.9 / 23.1	1.2 / 30.7
Type II	½" NPT	DC-3DB0500	1.5 / 38.9	.8 / 19.6	1 / 24.1
	¾" NPT	DC-3DB0750	1.7 / 42.2	1 / 25.9	1 / 25.7
	1" NPT	DC-3DB1000	1.9 / 47	1.3 / 32	1.1 / 28.7
	1 ¼" NPT	DC-3DB1250	1.9 / 48.3	1.6 / 40.9	1.2 / 29.2
	1 ½" NPT	DC-3DB1500	2 / 50.8	1.9 / 47	1.3 / 31.8
	2" NPT	DC-3DB2000	2.3 / 58.4	2.3 / 58.9	1.5 / 38.9
BSPP Sizes					
Type III	½" BSPP	DC-3DBBSP0500	1.7 / 41.9	1.3 / 34	1.2 / 29.7
	¾" BSPP	DC-3DBBSP0750	1.7 / 41.9	1.6 / 40.4	1.2 / 29.7
	1" BSPP	DC-3DBBSP1000	1.9 / 47	1.9 / 47.2	1.4 / 34.8
	1 ½" BSPP	DC-3DBBSP1500	1.9 / 48.5	2.4 / 54.4	1.4 / 34.8
Metric Sizes					
Type IV	M10x1.0	DC-3DBM10X1.0	2 / 50	.7 / 18.3	1.3 / 33
	M10x1.5	DC-3DBM10X1.5	1.7 / 44.2	.7 / 16.5	1.2 / 30.5
	M12x1.5	DC-3DBM12X1.5	1.9 / 47.5	.8 / 19.3	1.3 / 32
Type V	M16x1.5	DC-3DBM16X1.5	1.7 / 41.9	1 / 25.4	1.2 / 29.7
	M20x1.5	DC-3DBM20X1.5	1.7 / 41.9	1.3 / 32.5	1.2 / 29.7
	M22x1.5	DC-3DBM22X1.5	1.7 / 41.9	1.3 / 32	1.2 / 29.7
	M24x1.5	DC-3DBM24X1.5	1.8 / 44.5	1.4 / 35.8	1.3 / 32.3
	M26x1.5	DC-3DBM26X1.5	1.8 / 44.5	1.5 / 38.1	1.3 / 32.3
	M27x1.5	DC-3DBM27X1.5	1.8 / 44.5	1.5 / 38.1	1.3 / 32.3
	M30x1.5	DC-3DBM30X1.5	1.8 / 46.7	1.8 / 44.5	1.4 / 34.5
	M30x2.0	DC-3DBM30X2.0	1.8 / 46.7	1.8 / 46.2	1.4 / 34.5
	M33x1.5	DC-3DBM33X1.5	1.8 / 46.7	1.8 / 44.5	1.4 / 34.5



TS1039_LN_061025