

CLEANABILITY MATTERS

Hygienic Sight Flow Indicators

Achieve controlled intrusion meeting ASME-BPE's strictest requirements by employing

- **ASME BPE** dimensions and design principles
- Precision-Bore borosilicate glass
- Tightly toleranced EHEDG inspired O-ring capture

MAXIMIZE YOUR VIEW

Hy-Sight four window design, largest view of any slim, low-profile sight flow indicator

- Provides maximum process visibility
- Superior view in any orientation

For custom lengths, see **Full View Hy-Sight** (T100.62)

MAXIMIZE PRODUCTION

- Less product "hold-up" at transition point
- Shorten cleaning cycles and prevent product loss
- Surpass your CIP & SIP requirements

NO-GALL THREADS

- ACME threads
- Eliminate potential for cross-threading
- Easy maintenance

POSITIVE STOP DESIGN

- Eliminates over-compression of O-ring into tube bore
- No exposed threads to trap debris

HIGHEST PRESSURE RATING

- Highest safety factor versus system design pressure
- Replace bulls-eye units improving cleanability while saving space and cost

"The Jacoby-Tarbox Hy-Sight has the best transition point I have ever seen, or felt, in a hygienic sight flow indicator."

—Lead System Designer

Major Hygienic Systems Packager



JACOBY-TARBOX®
HY-SIGHT™

Hygienic Clamp Connections According to ASME-BPE

ASME-BPE SF4 (15Ra μm , .38 μm Mechanical and Electropolished) wetted surface finish

USP# 7) and ADI Compliant seals and locating O-rings

Individual components marked for full traceability

Precision-Bore Type 1 Borosilicate Glass with flame polished ends to improve surface finish and sealability

Specify Your Hy-Sight

Model	Size	Wetted Metal	Head	Window	O-Ring
T H Y					

MODEL Hy-Sight	CODE THY-
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SIZE	CODE	SIZE	CODE
1/4"	04	2"	18
3/8"	06	2-1/2"	20
1/2"	08	3"	22
3/4"	10	4"	24
1"	12		
1A	13		
1-1/2"	16		

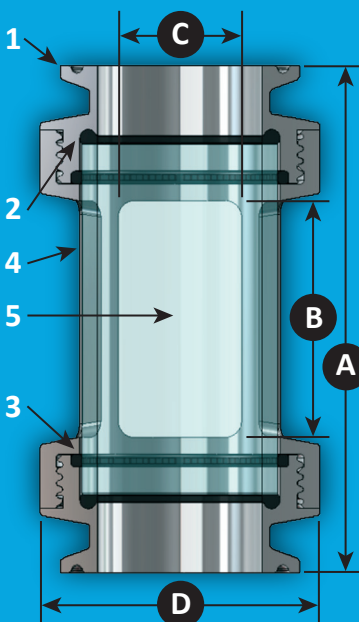
HEAD MATERIAL	CODE
316L SS	6L
Hastelloy® C22	H2
Hastelloy® C276	H6
AL6XN®	6X

“Out-of-Box”
Compliant

O-RING SEAL MATERIAL	CODE
EPDM	E
FKM (Viton®)	V
Silicone, Platinum Cured	S
Perfluoro Elastomer (FFKM)	DP
FEP Encapsulated Silicone	T
Special Material	XG

WINDOW MATERIAL	CODE
Annealed Boro	A
Acrylic (Plexiglas®)	P
Special Material	XW

HEAD SURFACE FINISH	CODE
15 Ra – Electropolished	F4
Special Finish	XF



HY-SIGHT™

ITEM	NAME	QTY.
1	Head	1
2	Sealing O-Ring	2
3	Alignment O-Ring	2
4	Body	1
5	Window Cylinder	1

Size* Tube OD	A LENGTH		B VIEW LENGTH		C VIEW WIDTH		D UNIT OD		UNIT WEIGHT		MAX PRESSURE	
	IN	mm	IN	mm	IN	mm	IN	mm	Lb	Kg	psi	Bar
1/4"	2.6	65	0.5	12.6	0.2	6.0	0.9	24	0.33	0.15	300	20.7
3/8"	2.6	65	0.5	11.7	0.4	9.0	0.9	24	0.40	0.18	300	20.7
1/2"	3.0	76	0.9	21.9	0.4	10.0	1.2	30	0.47	0.21	300	20.7
3/4"	3.4	87	1.2	32	0.6	14	1.5	37	0.58	0.26	250	17.2
1A	3.6	91	1.5	37	0.6	16	1.8	46	0.82	0.37	200	13.8
1"	3.6	91	1.5	37	0.6	16	1.8	46	1.09	0.49	200	13.8
1-1/2"	4.1	105	1.9	49	1.0	26	2.3	59	1.19	0.54	150	10.3
2"	4.7	120	2.5	64	1.4	35	2.9	73	1.62	0.74	125	8.6
2-1/2"	5.9	151	3.7	94	1.8	46	3.5	89	2.52	1.14	125	8.6
3"	6.9	175	4.7	118	2.1	54	4.0	101	1.44	3.18	110	7.6
4"	7.9	200	5.6	144	2.8	70	5.0	126	5.02	2.28	90	6.2

*Hygienic clamp dimensions are in accordance with ASME-BPE, shown in inches

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