

**TECHNICAL DATA SHEET**

**Grooved Turbine Flowmeters for**

- Water
- Water/Sand
- Liquid Carbon Dioxide
- Cement Slurry.



Flow Range and Model Information						Technical Data				
Flowmeter Size (Inches)				(Refer to Note 1 below) Linear Flow Range (US GPM)		Nominal Pulses/Gallon 'K' Factor	Nominal Max. Frequency (Hz)	Length (inches)	Working Pressure (PSI)	
Victaulic® Size (Inches)									Min.	Max.
Model HO	1	X	1	-4	-60	670	670	4.0	500	1000
Model HO	1½	X	1½	-8	-130	220	500	6.0	500	1000
Model HO	2	X	2	-15	-225	126	500	6.0	500	1000
Model HO	2½	X	2½	-25	-400	75	500	10.0	500	1000
Model HO	3	X	3	-40	-650	45	500	12.5	500	1000
Model HO	4	X	4	-75	-1250	20	400	12.0	400	1000
Model HO	6	X	6	-200	-2900	8	400	12.0	400	1000
Model HO	8	X	8	-330	-5200	3	250	12.0	350	800
Model HO	10	X	10CB*	-650	-8000	1.11	150	16.0	N/A	800
Model HO	12	X	12CB*	-1400	-12000	.69	140	22.0	N/A	800

\*Add -CB for CB Bearing Only.

**FOR COMPLETE MODEL NUMBER INFORMATION, PLEASE SEE REVERSE SIDE.**

**Flow Range (Note 1)**

Ranges shown are standard ranges — other ranges are available. Contact Hoffer Flow Controls Applications Group.

**Bearing Selection:**

Hybrid Ceramic, Self-lubricating shielded ball bearings must be used on CO<sub>2</sub>, may be used on H<sub>2</sub>O and never on H<sub>2</sub>O/Sand or CS. Hard Carbon Composite Sleeve bearings. For use on H<sub>2</sub>O only.

Tungsten Carbide Sleeve bearings must be used on H<sub>2</sub>O/Sand and CS, may be used on H<sub>2</sub>O and never used on CO<sub>2</sub>.

**Please Note: Flowmeter service life is reduced when flows contain particulate.**

**GENERAL SPECIFICATIONS**

<b>Linearity:</b>	±0.5% of reading (±0.25% typical) over tabulated linear flow range.	<b>Pressure Drop Characteristics:</b>	Request graphical data.
<b>Repeatability:</b>	±0.1% over tabulated useable range.	<b>Overrange:</b>	150% of maximum flow (intermittently).
<b>Temperature Range:</b>	-450°F to +450°F (Standard).	<b>Construction:</b>	All stainless steel.

Flowmeters are calibrated and supplied with "K" Factor Tag.

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