



INCLUDED BUT NOT INSTALLED:
 316 STAINLESS STEEL VENT TUBE FITTING ON 316 STAINLESS STEEL GAUGES.
 POLYPROPYLENE VENT TUBE FITTING ON PVC GAUGES.

NOTE: ALLOY 20, HASTELLOY C-276 AND CPVC GAUGES DO NOT INCLUDE A VENT TUBE FITTING.

WETTED MATERIALS:
 END PLATES, TUBING CONNECTOR, SIGHT TUBE
 AND SIGHT TUBE SEALS.

GAUGE ORDERING INFORMATION			
GAUGE MODEL NUMBER	END PLATE MATERIAL	SEAL MATERIAL	*CALIBRATION SCALES
PSG-30420	S6,P,C,A20,HC	T	GPH, LPH, GPD, LPD, GBV, OR LBV

EXAMPLE GAUGE MODEL NUMBER:
 PSG-30420-S6-T-GPH

END PLATE MATERIAL DESIGNATION:
 S6= 316 STAINLESS STEEL
 P= PVC
 C= CPVC
 A20= ALLOY 20
 HC= HASTELLOY C-276

CALIBRATION SCALE DESIGNATION:
 GPH= GALLONS PER HOUR
 LPH= LITERS PER HOUR
 GPD= GALLONS PER DAY
 LPD= LITERS PER DAY
 GBV= GALLONS BY VOLUME
 LBV= LITERS BY VOLUME

SEAL MATERIAL DESIGNATION:
 T= PTFE ENVELOPE WITH
 FLUOROCARBON FILLER

*NOTE: ML BY VOLUME SCALE INCLUDED
 ON ALL SCALES

RATE/VOLUME		
SCALE CALIBRATION (UNITS OF MEASURE)	MAXIMUM (RATE/VOLUME)	SCALE CALIBRATION (DIVISION INCREMENTS)
*GALLONS PER HOUR	17.5	0.2
*LITERS PER HOUR	66.24	0.5
*GALLONS PER DAY	420	5
*LITERS PER DAY	1589.87	20
GALLONS BY VOLUME	0.29	0.0025
LITERS BY VOLUME	1.1	0.01
ML BY VOLUME	1104.08	10

*RATE SCALE CALIBRATIONS ARE BASED ON A ONE MINUTE TEST

PART NUMBER AND MATERIAL DESIGNATION:
 PSG-30420-S6 (316 SS END PLATES WITH 303 SS RODS)
 PSG-30420-P (PVC END PLATES WITH 303 SS RODS)
 PSG-30420-C (CPVC END PLATES WITH 303 SS RODS)
 PSG-30420-A20 (ALLOY 20 END PLATES WITH 303 SS RODS)
 PSG-30420-HC (HASTELLOY C-276 END PLATES WITH 303 SS RODS)

REFER TO 93797 FOR INSTALLATION/ASSEMBLY INSTRUCTIONS.

DIMENSIONAL NOTE: DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY
 AND ARE SUBJECT TO CHANGE AT ANY TIME WITHOUT NOTICE.

B	4/15/24	DW	REMOVED CS AND S4 OPTIONS	DIM'S IN INCHES		MATERIAL:	SEE B/M
	N/A	RDM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		RELEASE LEVEL:	RELEASED
A	4/28/23	DW	RELEASED	ANGULAR ±1/2°		DRAWING CREATED IN PRO/ENGINEER	
	N/A	BRC		FRACTIONAL ±1/64"		TITLE:	
REV.	DATE	DRN.	DESCRIPTION	(X.X) ±0.015"	GAUGE, PUMP SETTING (MODEL PSG-30420)		
	ECN	CHKD.		(X.XX) ±0.010"	DRN. BY: DW	SCALE: 0.550	DRAWING NUMBER
				MACH FILET RND. 0.31"	CHKD. BY: BRC	REVISION: B	PSG-30420
				125 MAX. FINISH, ALL MACHINED SURFACES.	DATE: 02-09-23	SHEET 1 OF 2	

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