

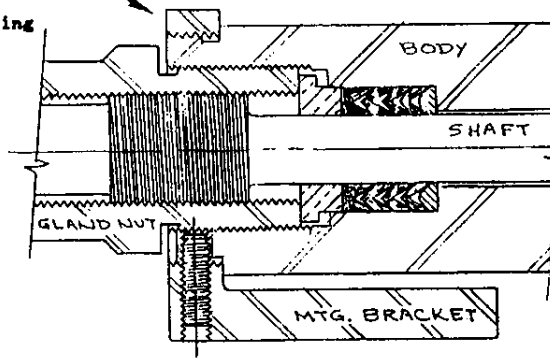


Pressure Generator Package Data Sheet

PRESSURE GENERATOR WITH TEFLON PACKING

Chevron style teflon packing consists of 4 or 5 pieces (depending upon model) located between upper and bottom metal packing washers. Torque is applied to packing for proper sealing by tightening the gland nut into the body.

TEFLON PACKINGS	
GENERATOR #	PACKING #
87-6-5	B-208
62-6-10	B-201
50-6-15	B-1066
37-6-30	B-1142

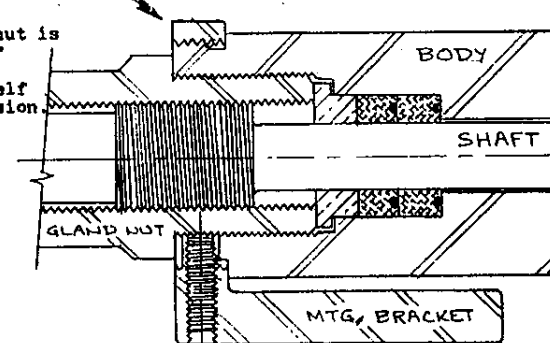


PRESSURE GENERATOR WITH POLYPAK PACKING

Two "Polypak" packings are located in stuffing box with top packing washer (metal). No bottom packing washer is required.

No torque is applied to packing. The gland nut is screwed into the body until it "bottoms out" directly against the body. It need not be tightened further. "PolyPak" packings are self sealing without applying torque for compression.

POLYPAK PACKINGS	
GENERATOR #	PACKING #
87-6-5	B-1369
62-6-10	B-1370
50-6-15	B-1371
37-6-30	B-1372



ITEM NO.	REV.	DESCRIPTION	DRAWING NO.	MATERIAL
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GENERAL INFORMATION:

All Pressure Generators may be supplied with either the TEFLON packing sets or the "POLYPAK" packing sets as shown. Use of the PolyPak packings requires less operator torque for rotating the shaft in or out during use. The "PolyPak" packings also provide considerably better sealing and longer life for fluids such as water, mercury and most oils. Teflon packing should be used when corrosive conditions require.

When changing packings follow the steps below:

- 1) Loosen set screw (located under mounting bracket) Loosen one or two turns only.
- 2) Rotate gland nut (brass colored) counter-clockwise out of body and pull shaft outward.
- 3) Remove top packing washer from stuffing box of body.
- 4) Remove packing from stuffing box.
- 5) Remove bottom packing washer (used only with teflon packing) from stuffing box.
- 6) Clean all parts as required and relubricate the threads of the shaft. (A copper colored thread lubricant-FELPRO-is used at the factory, but any good grade of thread lubrication is suitable).
- 7) Install bottom packing washer back into stuffing box. (Eliminate this step if "PolyPak" packing is being used).
- 8) Install new teflon or "PolyPak" packing set into stuffing box as indicated on drawing. Turning the packing at a slight angle may be helpful when inserting into position.
- 9) Install top packing washer into top of stuffing box.
- 10) Push shaft carefully thru packings back into the body and tighten gland nut (clockwise) into body.
 - Gland nut will "bottom out" against body when "PolyPak" packing is installed.
 - Gland nut must be tightened to provide compression on packing when teflon packing is used. Fluids such as alcohols require more torque for proper sealing than more viscous fluids such as oil. Only sufficient torque to prevent leakage should be applied.
- 11) Retighten set screw under mounting bracket after assembly of packing.

INSPECTORS CODE		TOLERANCES		PRESSURE GENERATOR PACKING DATA SHEET		
S		UNLESS OTHERWISE SPECIFIED				
P		FRACTIONAL ± 1/64				
M		.00 DECIMAL ± .010				
F		.000 DECIMAL ± .005				
D		ANGLES ± 1/2°				
C						
				HIGH PRESSURE EQUIPMENT CO., INC. ERIE, PENNSYLVANIA		
				DRAWN BY	SCALE	ORDER NO.
				CHK'D	DATE	DRAWING NO.
				NO.	CHANGE	DATE
				BY		
				REVISIONS		TRACED
						APPD

High Pressure Equipment Company

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