

Exploded view diagram of a pump assembly. The diagram shows the following components and their assembly relationships:

- Gas Only**: Label for the pump head assembly (parts 249, 5, 8, 10, 11, 15, 255).
- Discharge**: Label for the discharge port assembly (parts 185, 168, 167, 164, 157, 138, 136, 134, 135, 137, 152, 139, 166, 400, 188).
- Inlet**: Label for the inlet port assembly (parts 65, 64, 255, 49, 48).
- Bypass**: Label for the bypass port assembly (parts 110, 106, 70, 69, 90, 125, 197).
- Motor**: The central component of the assembly (part 53).
- Other parts**: Various seals, O-rings, and fasteners are shown in their respective positions, including parts 31, 32, 33, 37, 38, and 49.

ITEM	PART NUMBER	MATL	DESCRIPTION	MODEL USED	QTY
285	80228	STL	Screw (M8 1.25 x 80) (Not Shown)	All Models	2
300	34053	NBR	Kit, Seal (Includes: 106, 125, 139, 152, 159) <b>Standard</b>	All Models	1
	33953	HT	Kit, Seal High-Temperature (Includes: 106, 125, 134, 139, 152, 159) <b>.3000</b> (See Tech Bulletin 073)	All Models	1
	33453	FPM	Kit, Seal (Includes: 106, 125, 139, 152, 159) <b>.0110</b>	All Models	1
◆	30536	EPDM*	Kit, Seal (Includes: 106, 125, 139, 152, 159) <b>.0220</b>	All Models	1
310	34052	NBR	Kit, Discharge Valve (Includes: 152, 159, 164, 166, 167, 168) <b>Standard, .3000</b>	All Models	1
311	34668	NBR	Kit, Inlet Valve (Includes: 134–139, 152, 159) <b>Standard</b>	All Models	1
400	7500S	BB	Unloader, Regulating	All Models	1
—	6107	—	Oil, Bottle (21 oz) Fill to Specified Crankcase Capacity Prior to Start-Up)	All Models	1

MATERIAL CODES (Not Part of Part Number): AL=Aluminum BB=Brass CC=Ceramic CM=Chrome-Moly D=Acetal EPDM=Ethylene Propylene Diene Monomer  
FPM=Fluorocarbon HT=Hi-Temp (EPDM Alternative) NBR=Medium Nitrile (Buna-N) NY=Nylon PC=Poly Carbonate PVDF=Polyvinylidene Fluoride RTP=Reinforced Composite  
S=304SS SCP=304SS/Chrome Plated SNG=Special Blend (Buna) ST4=Special PTFE 4 STL=Steel STCP=Steel/Chrome Plated  
STZP=Steel/Zinc Plated SZZ=304SS/Zamak TNM=Special High Strength

Center raised pilot guide on the **Adapter Plate** assures proper alignment of pump and engine. Before mounting pump onto engine inspect engine for **recessed seal and bearing guide** to permit adapter to completely seat into recess and four bosses to be flush with engine face.