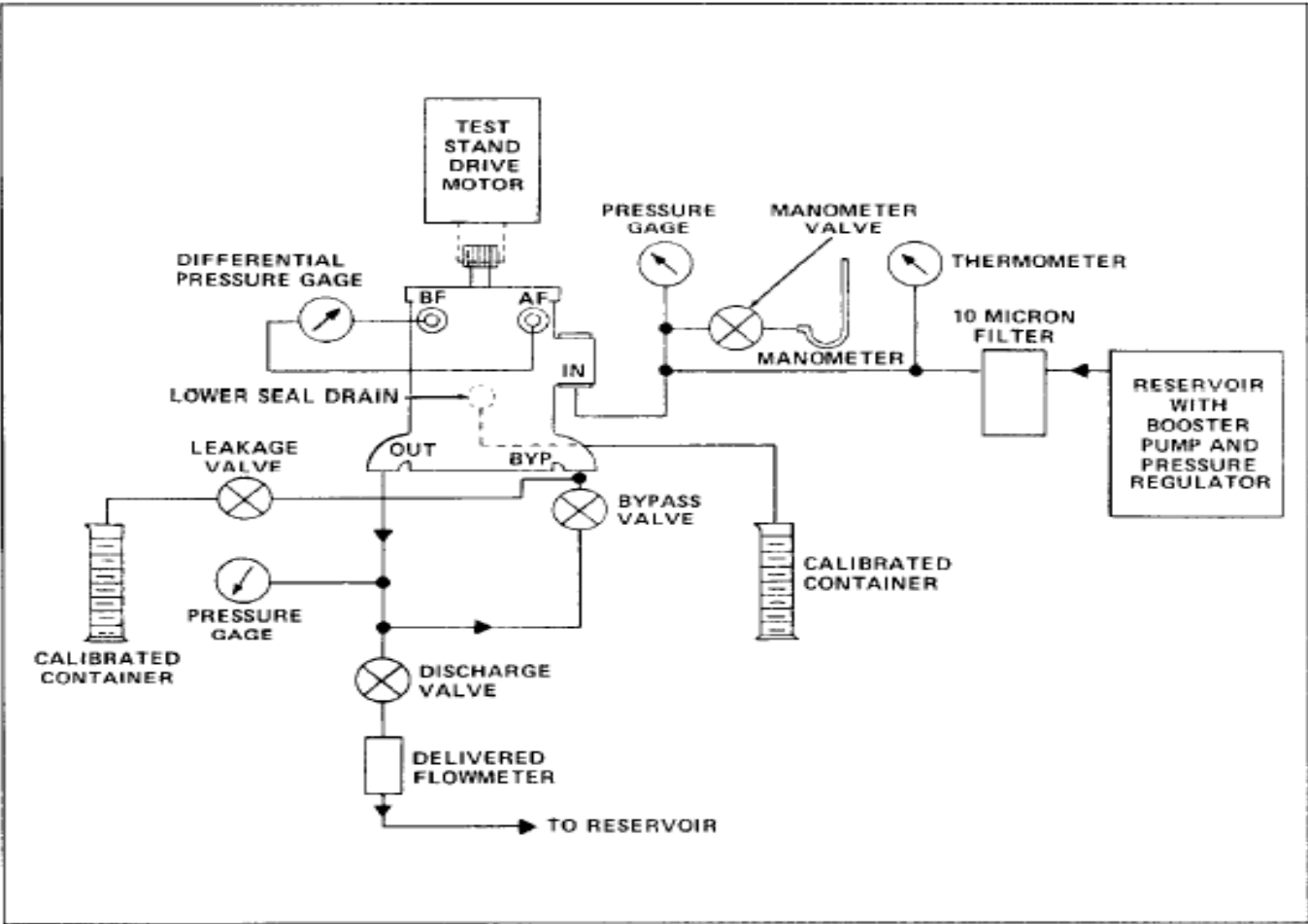


NÚMERO NUMBER A00.04.08.0748	OS	MODELO <i>Model</i> FUEL GEAR PUMP	PN 386500 SERIES	SN
IDENTIFICAÇÃO / IDENTIFICATION				
TÍTULO <i>TITLE</i>	FICHA DE REGISTRO DE TESTES (FINAL CALIBRATION LIMITS) <i>TEST RECORD SHEET</i>			
PUBLICAÇÃO PUBLICATION CSP24009 – OVERHAUL MANUAL WITH PARTS LIST 386500 SERIES		REFERÊNCIA REFERENCE ATA 73-10-10, TABLE 105	TLN 2138	DATA DATE NOV 1, 2000
			PN CONJUNTO MAIOR MAIN PART	SN



Schematic Diagram of Test Setup

Figure 102



Table 103. Break-In Run

Pump Speed (rpm) (±10 rpm)	Time (min)	Fuel Inlet Pressure (psig)	Discharge Pressure (psig)
654	1	15	50
	1		139
800	0.5	15	100
	0.5		200
1000	0.5	15	100
	0.5		200
	0.5		300
2000	0.5	15	100
	0.5		200
	0.5		300
	0.5		400
3000	0.5	15	200
	0.5		400
	0.5		600
	0.5		700
3754	0.5	15	200
	0.5		400
	1		600
	1		800
	1		900

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Table 105. Pump Calibration Test Specifications

FILTER BY-PASS VALVE TEST

Seq. No.	Pump Speed (rpm)	Inlet Press. (psig)	Valve Crack Point (psig)	Discharge Press. (psig)	Valve Leakage from Discharge port (cc/min)		Flow (pph)	Press. Diferencial (psid)		Remarks
					max	actual		max	actual	
1	0	1.8	-----	atmos	100		-----	-----	-----	Test with dummy filter
2	3754	10	-----	60	-----	-----	270	3.0		

PUMP CAPACITY TEST

Seq. No.	Pump Speed (rpm)	Inlet Press. (psig)	Discharge Press. (psig)	Pump Flow – No Bypass (pph)			Fuel Inlet temperature (21.1° - 32.2° C)	Torque (lb.in)	Seal Drain Leakage (cc/min)		External Leakage (cc/min)	
				min	max	actual			max	actual	max	actual
3	3754	0	900	-----	-----				1.0		0	
4	654	0	139	120	-----				1.0		0	
5	3754	0	600	1162	1620				1.0		0	
6	3754	0	100	1162	1620				1.0		0	
7	3754	25	600	1162	1620				1.0		0	
8	0	25	-----	-----	-----	-----		-----	1.0		0	

* Filter pressure differential – AF to BF taps.

** Bypass to fuel pump bypass port all flow in excess of this value.

OBS: 1GPM (Brayco 922)= 386 PPH

Seq. No.	Pump Speed (rpm)	Inlet Press. (psig)	Discharge Press. (psig)	Delivered Flow ** (pph)	Filter Press. Differential * (psid)	
					max	actual
9	3754	0	50	270	0.2	

	REGISTRO <i>RECORD</i>	REVISÃO <i>REVISION</i> 0
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OBSERVAÇÕES / REMARKS	

Aprovador por: <i>Approved by</i>	III	Data: <i>Date</i>
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RELAÇÃO DE RELATÓRIO / JOB REPORT								
Responsável <i>(Responsible)</i>	Data <i>(Date)</i>	Folha <i>(Sheet paper)</i>	Nº Pag. <i>(Page nº)</i>		Responsável <i>(Responsible)</i>	Data <i>(Date)</i>	Folha <i>(Sheet paper)</i>	Nº Pag. <i>(Page nº)</i>