

6-3-2000

GOLF BLACK. 01279 723051

T.T designed 54pm flow meter

Flow will always affect the values due to
Surge (Diameter)

Springs etc calculated for 54pm.

Complete new calculations required if larger
flows are to be used.

No calculations made for Spring Tension
Physical Dimensions make System function

Summary:

Values used will work if flow
restricted to 54pm.

Options for larger flows.

Drop weight Value - more accurate in various
flows.

Larger chevron Values - less prone to deviate
on various flows.

Taken from Stock 2x 0330216

~~1x 0330206~~

2x 6575

1x 0330213

Tom THUMB

OWN PRESSURE INVESTIGATION

fully working TT 490 - 15 LPM flowmeter

set flow ~~15 LPM~~ fixed Blow off VARIABLE Blow off

15 LPM flow meter.

flow Rate	fixed Blow off	VARIABLE Blow off	Digital Manometer
10	SET AT 50 mHg	—	50 mHg
5	47		47
15	52		52
* ABOVE 15	—		Taken upto 100 mHg
5	40	CONNECTED MAX	40
10			44
*2 ABOVE 15			48
* ABOVE			Taken upto 100 mHg.

* Turned up until manometer read 100 mHg (Limit of Digital Manometer)

Summary

with 15 LPM flowmeter with the variable or fixed blow off values can be classed as a pressure relief value.

5 LPM flow meter

flow Rate	fixed Blow off	VARIABLE Blow off	Digital Manometer
5	—	*1 MAX	41
* ABOVE			96
3		Set to Lim 20	20
5		"	21
* ABOVE			71
5	SET TO Lim 50		50
* ABOVE			Taken to 100 mHg.

TT 4910 S/N VMA001

fixed

VARIABLES

DIGIT

10 3 L/min

—

MAX

42

5 L/min

—

MAX

43

MAX

—

MAX

43

3 L/min

fixed

VARIABLES

DIGIT

3 L/min

MAX 50

—

46

5 L/min

50

—

~~45~~ 50

MAX

50

—

51

TT 4910

S/N

VMA 002

3 L/min

fixed

U -

D.

3 L/min

—

MAX

41

~~MAX~~ 5 L/min

—

MAX

42

MAX

—

MAX

42

3

50

—

4

5

50

—

41

MAX

50

—

~~41~~ over 60

FAILED

New

reduced

fixed

TT 4910

S/N

VMA 002

3 L/min

fixed

—

VARIABLES

MAX 44

DIGIT

5 L/min

—

44

MAX

—

44

3

50

—

~~43~~ 45

5

—

46

MAX

—

48