

DH SERIES REGULATOR

LOW PRESSURE, HIGH FLOW, SELF VENTING,
PRESSURE REDUCING REGULATOR

MODIFICATION FEATURES:

WELDED FITTINGS
20 Ra BODY

GENERAL SPECIFICATIONS:

INLET PRESSURE: 300 PSI
OUTLET PRESSURE: SEE TABLE III
DESIGN PROOF PRESSURE: 150% OF RATED PRESSURE
PRESSURE RATING, PER CRITERIA OF ANSI/ASME B31.3
OPERATING TEMPERATURE: -20°F TO +165°F
LEAKAGE: BUBBLE TIGHT
ORIFICE FLOW CAPACITY (Cv): 5
WEIGHT: APPROXIMATELY 16 LBS

MATERIALS CONTACTING LINE MEDIA:

SEAT, MAIN VALVE: SEE TABLE IV
SEAT, VENT: SEE TABLE VI
O-RING: SEE TABLE IV
BODY, BONNET, BACK CAP: SEE TABLE II
DIAPHRAGM: SEE TABLE V
REMAINING PARTS: 300 SERIES SST, NITRONIC 60

ASSEMBLY INFORMATION:

SPRING LOADED, HANDKNOB ADJUST: A62022-04
SPRING LOADED, WRENCH ADJUST: A62022-05
DOME LOADED, NON-VENTING: A62022-08
DOME LOADED, SEGREGATED VENT: A62022-11

TABLE I	DASH LTR.	LOAD TYPE
	D	DOME LOADED (AVAILABLE WITH GYLON DIAPH. ONLY)
	H	SPRING LOADED, HANDKNOB
	T	SPRING LOADED, TAMPER RESISTANT WRENCH ADJ
	W	SPRING LOADED, WRENCH ADJUST

TABLE II	DASH NO.	BODY, BONNET & BACK CAP MATERIAL
	6	316 SST

TABLE III	DASH NO.	OUTLET PRESSURE
	0	0-20 PSI
	1	0-50 PSI
	2	0-100 PSI
	3	0-150 PSI
	5	0-250 PSI
	D	0-300 PSI (DOME LOAD ONLY)

TABLE IV	DASH LTR.	O-RING MATERIAL	VALVE SEAT MATERIAL
	B	BUNA-N	BUNA-N 90
	E	E.P.	E.P. 80
	M	CHEMRAZ	CHEMRAZ 75
	V	VITON	VITON

TABLE V	DASH NO.	DIAPHRAGM MATERIAL
	E	E.P./ NYLON REINFORCED
	G	GYLON

TABLE VI	DASH NO.	VENT SEAT MATERIAL
	C	CTFE
	V	VESPEL
	P	PEEK
	N	NON-VENTING

PART NUMBER
DHH62BGN9ACC9-16

MODIFICATION NUMBER

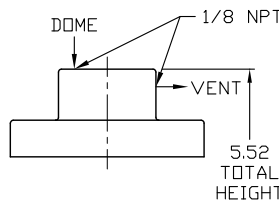
OUTLET CROSS HOLE FLOW CAPACITY	
PORT CODE	Cv
A, 6, M, R, J	2.5
B, 7, N, S, K	3.5
C, 8, P, T, L, D, W	6.6

PART NUMBER	"A"	"B"
DHX6XXXXXAAX-16	7.25/7.13	2.49/2.45
DHX6XXXXXBBX-16	7.25/7.13	2.08/2.04
DHX6XXXXXCX-16	7.25/7.13	2.08/2.04
DHX6XXXXXDDX-16	7.19/7.07	2.08/2.04
DHX6XXXXX66X-16	9.91/9.79	2.49/2.45
DHX6XXXXX77X-16	9.91/9.79	2.08/2.04
DHX6XXXXX88X-16	9.91/9.79	2.08/2.04
DHX6XXXXXMMX-16	7.51/7.39	2.49/2.45
DHX6XXXXXNNX-16	7.71/7.59	2.08/2.04
DHX6XXXXXPPX-16	8.39/8.27	2.08/2.04
DHX6XXXXXSSX-16	7.71/7.59	2.08/2.04
DHX6XXXXXTTX-16	8.39/8.27	2.08/2.04

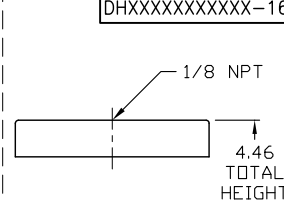
INLET, OUTLET & GAUGE PORTS							
PORT SIZE							
PORT TYPE	1/4 GAUGES ONLY	1/2	3/4	1	1 1/2	NONE	
TRI-CLOVER	-	A	B	C	D	9	
TUBE	-	6	7	8	W		
FVCR	-	M	N	P	-		
MVCR	-	R	S	T	-		
SWAGelok	-	J	K	L	-		
NPT GAUGE PORT	F	H	-	-	-		
HPIC GAUGE PORT	Y	-	-	-	-		

TOP VIEW	
A - NO GAUGE PORTS	
B - TWO GAUGE PORTS AT 60°	
D - ONE OUTLET GAUGE AT 90°	
E - LEFT HAND INLET ONE OUTLET GAUGE AT 90°	
FOR MORE PORTING OPTIONS SEE SPEC. 62279 (ADDED PRICE FOR OPTION MAY APPLY)	

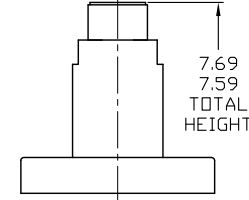
TABLE VII	DASH NO.	OPTIONAL ITEMS
	C	CCL
	9	NONE
	P	PANEL MOUNT



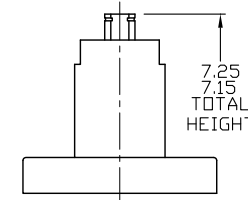
DHD REGULATOR
(SEGREGATED VENT)



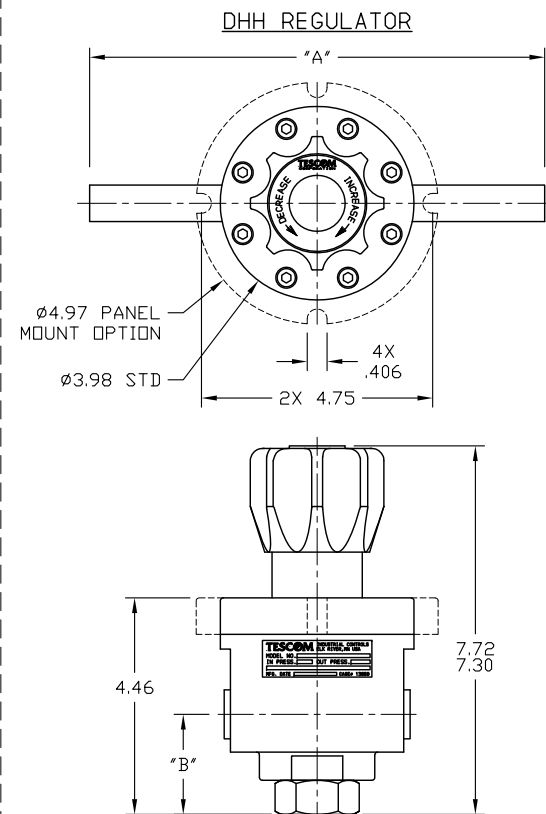
DHD REGULATOR
(NON-VENTING)



DHT REGULATOR



DHW REGULATOR



AR 6-13-16	50534-16	MGM	WRB
AP 6-16-11	5370-11	DKD	DP
AN 9-25-08	2723-08	RAC	TWL
AM 7-8-08	5364-08	SKO	JDC
AL 7-5-07	5347-07	DKD	TWL
AK 4-5-07	156-07	DKD	TWL
AJ 11-21-06	519-06	DLH	TWL
AH 8-8-06	368-06	DKD	TWL
AG 6-15-06	306-06	DKD	TWL
AF 2-20-06	116-06	DKD	TWL
REV.	DATE	ECO NO.	BY: APPR

REVISIONS
REFERENCE DRAWING(S)

TESCOM CORPORATION
INDUSTRIAL CONTROLS DIVISION
BLK RIVER, MIN USA

INFORMATION CONTAINED ON THIS DOCUMENT IS THE PROPERTY OF TESCOM CORPORATION. NO RIGHTS ARE CONVEYED NOR IS PERMISSION TO DISCLOSE TO OTHERS GIVEN.

UNLESS OTHERWISE SPECIFIED:
0 ± .020 ANGLES: ±1°
00 ± .010
000 ± .005

SURFACE ROUGHNESS: 100/
CORNER & FILLET RADI: .005-.020

THREADS: CLASS 2
REMOVE ALL BURRS
MFG. SPEC. 60301

DRAWING MADE IN THIRD ANGLE PROJECTION
(DO NOT SCALE DRAWING)

MATERIAL: _____

FINISH: _____

DRAWN BY: JLS 5-15-02
CHECKED BY: CRN 5-15-02
APPROVED BY: CRN 5-15-02

NAME: _____

SCALE: 1 : 2
SIZE: C
NUMBER: DHXXXXXXXXXX-16
SHT. 1 OF 1

INSTALLATION INFO.