

# INDUSTRIAL VALVE AND ENGINEERING SUPPLIES (Pty) Ltd. / VEMCO (Pty) Ltd

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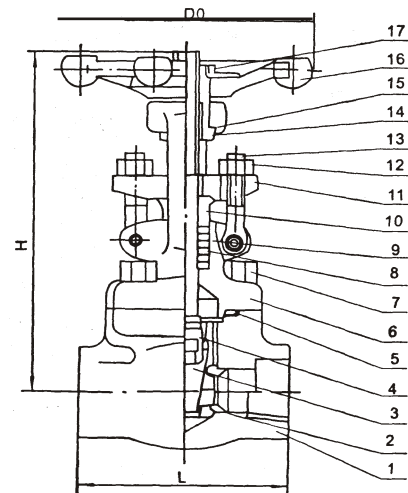
## FIG 3217 FORGED STEEL GATE VALVE 800 P.S.I.

### STANDARDS AND FEATURES

CONFORMS TO API 602  
 TEST PRESSURE TO API 598 - ANSI B16.34  
 BOLTED BONNET  
 OUTSIDE SCREW AND YOKE (OS AND Y)  
 THREADS: BS 21 TAPER / SOCKET WELD  
 RISING SPINDLE  
 BACK SEAT  
 ROLLED IN SEAT RING

### HYDROSTATIC TEST PRESSURE

SHELL	SEAT
210 BAR	150 BAR



### MATERIAL LIST

NO	PART NAME	MATERIAL	QTY
1	BODY	A105	1
2	SEAT RING	ASTM A 182 F6/13% CR	1
3	WEDGE	ASTM A 182 F6/13% CR	1
4	STEM	ASTM A 182 F6/13% CR	1
5	GASKET (SPIRAL W)	SS304/GRAPHITE	1
6	BONNET	A 105	1
7	BOLT	A193-B7	4
8	PACKING	GRAPHOIL	
9	EYEBOLT PIN	A276-410	2
10	GLAND	A276-410	1
11	GLAND FLANGE	A105	1
12	EYEBOLT NUT	A194-2H	2
13	EYEBOLT	A276-410	2
14	STEM NUT	A276-410	1
15	WASHER	A276-430	1
16	HANDWHEEL	A47	1
17	LOCK NUT	A108-1020	1

### DIMENSIONS AND WEIGHTS (MM)

NB	15	20	25	32	40	50
ORIFICE	10	13	18	24	29	36.5
L	79	92	111	120	120	140
H	158	164	194	221	244	280
DO	100	100	125	160	160	180
WEIGHT	2.1	2.3	4	5.9	6.9	11.2

### FLOW CHARACTERISTICS -KV

NB	15	20	25	32	40	50
KV	6.5	12.7	29.4	60	89	112

### PRESSURE TEMPERATURE RATINGS

TEMPERATURE DEG C	-29	+38	93.5	149	204	260	316	343	371	399	427	454	482	510	538
PRESSURE BAR	136	124	121	117	110	101	99	98	93	76	49	32	19	10	

ALSO AVAILABLE ON REQUEST:

1) CLASS 1500/CLASS 2500

2) WELDED BONNET

3) OTHER BODY MATERIALS: ASTM A350-LF2, ASTM A182-F5, ASTM A182-F11, ASTM A182-9, ASTM A182-F22,

4) OTHER TRIMS: 316 STAINLESS STEEL, MONEL, F6 STELLITE

5) ENDS BUTTWELD OR FLANGED ASA150/300

PERMISSIBLE BUT NOT RECOMMENDED FOR PROLONGED USAGE ABOVE 427 DEG C

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

*Break Away*  
VALVES

# TECHNOLOGY AT ITS BEST