



	Body	Gate				
Common Name	Cast	Wrought A240	Code	Common Name	Wrought	Code 1
304 SS	A3S1CR8		1	304 55	A240	
316 55	A3S1 CR8M	A240	2	316 55	A240	2
317 SS	A351 CG8M	A240	3	317 55	A240	3
2205 55	A995 Gr. 4A CIBMN	A240	4	2205 SS	A240	4
254 SMO	A351 CK3MCuN	A240	5	254 SMO	A240	5
420ss Heat Treated RCSO		A240	6	420ss Heat Treated RC50	A240	6
Inconel 600	A494 CY40	B168	7	Inconel 600	B168	7
Hastelby C276	A494 CW-12MW	B575	8	Hasteloy C276	8575	8
Alloy 20	A351CN7M	B463	9	Alloy 20	B463	9
Low Temp Carbon Steel	A352LCC	1	C	Chrome Plated 304SS	A240	C
Ductile Iron	A53660-40-18		D	2707 SS		н
904L		B625	L	904L	B625	L
17-4 PH	A747 CB7Cu-1	A693	P	17-4PH	A693	P
N i Resist	A439 D2		N	2507 SS	A240	S
2507 SS	A995 Gr. 5A CE3MN	A240	S	Titanium	8265	T
Titanium Grade 2	B265 Gr. 2	B265	T	Carbon Steel	A516	w

Gate			Seat			
n Name	Wrought	Code		Code		
	A240	1	Aflas (25°F - 500°F) (-4°C - 260°C)	A		
	A240	2	BUNA N (-30°F - 250°F) (-34°C - 121°C)	В		
	A240	3	EPDM (-65°F - 265°F) (-54°C - 129°C)	Ε		
	A240	4	Polyurethane (-30°F - 180°F) (-34°C - 82°C)	U		
)	A240	5	Viton GFS (-2°F - 400°F)(-19°C - 204°C)	S		
eat Treated RCSO	A240	6	Viton B (-15°F - 437°F) (-26°C - 225°C)	V		
600	8168	7	VitonGFLT (-15°F - 437°F) (-26°C - 225°C)	G		
y C276	B575	8	Viton A White (FDA) (-15°F - 437°F) (-26°C - 225°C)	w		
	B463	9	FRKM (5°F to 608°F) (-15°C - 320°C)	F		
Plated 304SS	A240	C	Special	Z		
		н				
	8625	L				
	A693	P				

TopWorks

Code		Code
F	Braided Rope Packing	Adder Co
P	PTFE	(T)
S	Graphite	(G)
w	•	
Y	PTFE Injectable Packing (400°F, 204°C max) CE Phenolic Scrapers (257°F / 125°C max)	Standar
	Aflas (25°F - 500°F) (-4°C - 260°C)	A
	BUNAN (-30°F - 250°F) (-34°C - 121°C)	В
	EPDM (-65°F - 265°F) (-54°C - 129°C)	E
	Polyurethane (-30°F - 180°F) (-34°C - 82°C)	U
	Viton B (-15°F - 437°F) (-26°C - 225°C)	٧
	Vito n GFS (-2"F - 400"F) (-19"C - 204"C)	S
	Viton GFLT (-15°F - 437°F) (-26°C - 225°C)	G
	Viton A White (FDA) (-15°F - 437°F) (-26°C - 225°C)	w
	FFKM (5°F to 608°F) (-15°C - 320°C)	F
	Special	Z

Size | Code | 2 | 02 | 3 | 03

Adder Code

Transverse Seal / Packing / Scrapers

## NOTES:

- 1) MAXIMUM OPERATING PRESSURE: 150PSI
- 2) 100% FULL PORT STD. PIPE ID.
  3) PERIMETER, RESILIENT SEATED AND BI-DIRECTIONAL.
- 4) DESIGNED AND TESTED AS PER MSS-SP81.
- 5) DIMENSIONS (IN)
- 6) WEIGHT (lbs)

<b>.</b>	
@	
	O's app

S.NO	DESCRIPTION	MATERIAL	QTY			
1	BODY	REFER TO CHART	1			
2	GATE	REFER TO CHART	1			
3	SEAT	REFER TO CHART	1			
4	STEM	REFER TO CHART	1			
5	YOKE	304SS	2			
6	PACKING	REFER TO CHART	TBD			
7	PACKING GLAND	REFER TO CHART	1			
8	HANDWHEEL	DI	1			
9	THRUST BEARING	SS	1			
10	BUSHING	AL-BRZ	1			
11	TRANSVERSE SEAL*(w/ PKG)	REFER TO CHART	1			
12	SCRAPER*	REFER TO CHART	2			
13	SEAL SPACER*	UHMW	1			
14	HARDWARE	18-8SS	TBD			
* OPTIONAL ADDON						

HONAL ADDON										
UNLESS OTHERWISE SPECIFIED  INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 ALL DIMENSIONS SHOWN APPLY AFTER PLATINGS AND COATING TOLERANCES APPLY AS SHOWN BELOW		THIRD ANGLE PROJECTION		WHOLE OR IN PART, NOR REVEALED TO OTHERS		EliteValve www.elitevalve.com JOB NO.: JOB NAME:			2305 WYECROFT RD. OAKVILLE, ON, L6L 6R2 TEL: 519.756.3100 FAX: 519.756.3663	
FRACTIONS	± 1/32	NONE	± .02	BY ACCEPTANCE OF THIS E	DRAWING.	DWG NAME		nal Perimeter S	antad KCV	REV.
ANGLES	± .1°	.X	± 0.1	THE BEARER AGRESS TO THESE	DWG NO.					
SURFACE FINISH	32 √	.xx	± .02	DRAWN BY: BDK	2021-02-19		E51XXX	XXW-XX(2 - 2	24)	A
UOM	INCH	.XXX	± .005	CHECKED BY: -	-	SIZE A	SCALE: 1:12		SHEET 1	. OF 1

NPS	L	D1	D2	n-Th	G	Н	H1	WEIGHT
2	1.88	4.75	3.6	4 x 5/8"-11	0.39	12.7	17.7	38
3	2.00	6.00	5.0	4 x 5/8"-11	0.39	15.6	21.6	42
4	2.00	7.50	6.2	8 x 5/8"-11	0.47	17.4	24.4	46
6	2.25	9.50	8.5	8 x 3/4"-10	0.55	21.9	30.9	65
8	2.75	11.75	10.6	8 x 3/4"-10	0.63	24.9	35.9	88
10	2.75	14.25	12.8	12 x 7/8"-9	0.67	27.8	40.8	135
12	3.00	17.00	15.0	12 x 7/8"-9	0.67	31.8	46.6	168
14	3.00	18.75	16.3	12 x 1"-8	0.67	36.8	53.6	224
16	3.50	21.25	18.5	16 x 1"-8	0.79	41.3	60.1	307
18	3.50	22.75	21.0	16 x 1-1/8"-7	0.79	46.6	67.4	378
20	4.50	25.00	23.0	20 x 1-1/8"-7	0.87	50.6	73.1	495
24	4.50	29.50	27.3	20 x 1-1/4"-7	0.87	59.3	85.8	720