

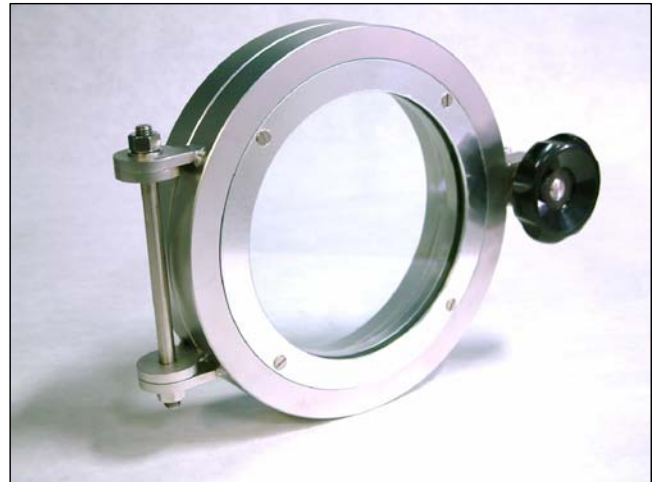
QUICK-ACCESS DOORS

BAKEABLE TO 150°C
VITON DOOR SEAL
CF FLANGE STANDARD

VACUO quick-access doors are designed to provide fast manual loading of samples in and out of vacuum chambers. Doors are hinged and fitted with a swing-away hand knob locking mechanism.

Viewport fitted doors are in pyrex glass type and are inserted by a viton o-ring to facilitate the substitution of the glass. All access doors are supplied with viton elastomer seals suitable for high vacuum service. High temperature Kalrez elastomers can be supplied to increase the temperature rating to 200°C.

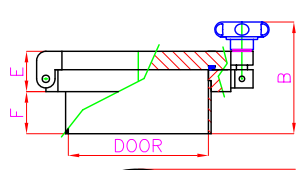
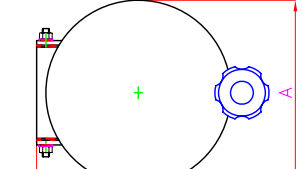
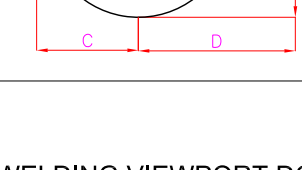
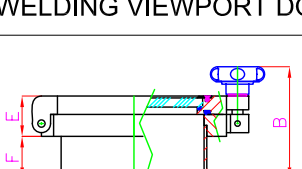
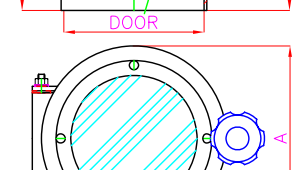
Socket cap head bolts must be used.



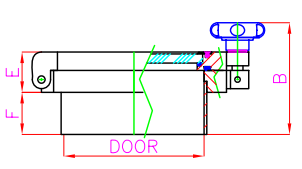
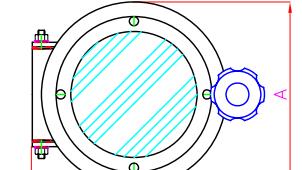
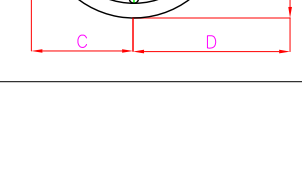

SPECIFICATIONS

Material	
Flanges	304L Stainless Steel
Seals	Viton
Viewport glass	Pyrex
Temperature range	-20 to 150°C
Vacuum range	1X10 ⁻⁹ mbar

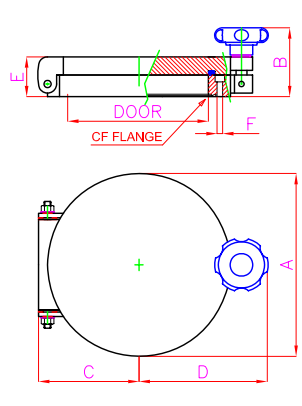
WELDING BLANK DOOR

	TUBE	DOOR	A	B	C	D	E	F	CODE
	Ø42	39	70	62	45	77	26	40	AB 201
	Ø70	64	113.5	71	66.5	99	34	45	AB 202
	Ø108	102	152	73	86	118	36	50	AB 203
	Ø159	153	202.5	76	111.5	174	39	50	AB 204
	Ø206	200	253	77	136.5	178	40	50	AB 205

WELDING VIEWPORT DOOR

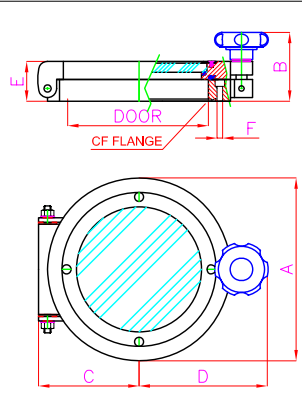
	TUBE	DOOR	A	B	C	D	E	F	CODE
	Ø42	36	70	62	45	77	26	40	AB 206
	Ø70	64	113.5	71	66.5	99	34	45	AB 207
	Ø108	100	152	73	86	118	36	50	AB 208
	Ø159	138	202.5	76	111.5	174	39	50	AB 209
	Ø206	138	253	77	136.5	178	40	50	AB 210

BLANK DOOR



FLANGE	DOOR	A	B	C	D	E	F	CODE
CF40	39	70	62	45	77	26	6.2	AB 211
CF63	64	113.5	71	66.5	99	34	8.2	AB 212
CF100	102	152	73	86	118	36	8.2	AB 213
CF150	153	202.5	76	111.5	174	39	8.2	AB 214
CF200	200	253	77	136.5	178	40	8.2	AB 215

VIEWPORT DOOR



FLANGE	DOOR	A	B	C	D	E	F	CODE
CF40	36	70	62	45	77	26	6.2	AB 216
CF63	64	113.5	71	66.5	99	34	8.2	AB 217
CF100	100	152	73	86	118	36	8.2	AB 218
CF150	138	202.5	76	111.5	174	39	8.2	AB 219
CF200	138	253	77	136.5	178	40	8.2	AB 220



CF200 Blank Door mounted on fast entry lock chamber



CF100 Viewport door