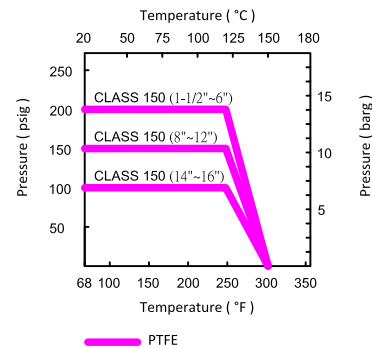


INCH	L	øA	øE	øB	øF	øM	øC	n-M	CV Value	Torque (N.m) safety factor excluded
1.5"	35	12.7	70	50	7	9	98.5	4-1/2"-13	76	12
2"	46	12.7	70	50	7	9	120.5	4-5/8"-11	135	13
2.5"	49	12.7	70	50	7	9	139.5	4-5/8"-11	220	18
3"	49	12.7	70	50	7	9	152.5	4-5/8"-11	302	27
4"	55	15.8	90	70	10.5	11	190.5	8-5/8"-11	600	45
5"	59	19.05	90	70	10.5	14	216	8-3/4"-10	1022	70
6"	59	19.05	90	70	10.5	14	241.5	8-3/4"-10	1579	90
8"	64	22.2	125	102	12.5	17	298.5	8-3/4"-10	3136	140
10"	71.5	28.6	125	102	12.5	22	362	12-7/8"-9	5340	230
12"	81	31.8	125	102	12.5	22	432	12-7/8"-9	8250	320
14"	79.5	31.8	125	102	12.5	22	476	12-1"-8	11917	480
16"	90	33.3	175	140	18	27	539.5	16-1"-8	16388	700

Series 81WE(a)  
Series 81LE(a) CLASS 150



8	O-RING	VITON	
7	BUSHING	PTFE	
6	COVER	SS	
5	TAPER PIN	SS316	
4	STEM	SS410	
3	SEAT	PTFE	
2	DISC	CF8M	
1	BODY	WCB	
NO.	PARTS NAME	MATERIAL	
TEST PRESSURE	HYDROSTATIC	SHELL	SEAL
		PTFE	1.5"-12": 225PSI 2"-12": 165PSI 14"-16": 150PSI 14"-16": 110PSI
STANDARD	INSPECTION & TEST	API598	
	END STANDARD	ANSI B16.5	
	DESIGN	API609	



**DIE ERSTE INDUSTRY CO., LTD.**  
TAICHANG, TAIWAN

SHEET 1 OF 1	DRWN BY: Vivian 22/09/07	REVIEW BY:	APPROVAL:	UNIT: mm	<b>DO NOT SCALE DRAWING</b>	TITLE: <b>Series 81L(E) WCB CF8M CL150</b>	REV <b>1.0</b>
REMARK				PROJECT: 	DWG. NO.		

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