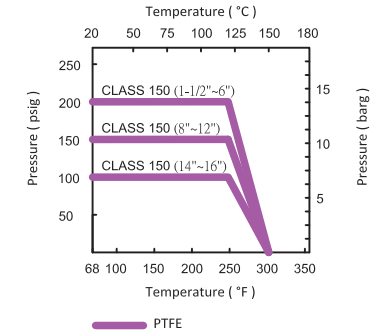


7	PIN	SS	
6	O-RING	VITON	
5	BUSHING	PTFE	
4	STEM	SS416	
3	SEAT	PTFE	
2	DISC	CF8M	
1	BODY	WCB	
NO.	PARTS NAME	MATERIAL	
TEST PRESSURE	HYDROSTATIC	SHELL	SEAL
		DN50-350: 1.5MPa DN400: 0.9MPa	DN50-350: 1.1MPa DN400: 0.7MPa
STANDARD	END STANDARD	ANSI B16.1/DIN PN10/16/JIS 10K	

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



DN	L	φA	φE	φB	φF	M	DIN PN10		DIN PN16		ANSI B16.1		JIS 10K		CV Value	Torque (N.m) safety factor excluded
							φC	n-φ	φC	n-φ	φC	n-φ	φC	n-φ		
DN40	35	12.7	70	50	7	9	110	4-φ18	110	4-φ18	98.5	4-φ16	105	4-φ19	76	12
DN50	45	12.7	70	50	7	9	125	4-φ18	125	4-φ18	120.5	4-φ19	120	4-φ19	135	13
DN65	48	12.7	70	50	7	9	145	4-φ18	145	4-φ18	139.5	4-φ19	140	4-φ19	220	18
DN80	49	12.7	70	50	7	9	160	8-φ18	160	8-φ18	152.5	4-φ19	150	8-φ19	302	27
DN100	55	15.8	90	70	9	11	180	8-φ18	180	8-φ18	190.5	8-φ19	175	8-φ19	600	45
DN125	58	19.05	90	70	9	14	210	8-φ18	210	8-φ18	216	8-φ22	210	8-φ23	1022	70
DN150	59	19.05	90	70	9	14	240	8-φ23	240	8-φ23	241.5	8-φ22	240	8-φ23	1579	90
DN200	64	22.2	125	102	11	17	295	8-φ23	295	12-φ23	298.5	8-φ22	290	8-φ23	3136	140
DN250	70	28.6	125	102	11	22	350	12-φ23	355	12-φ27	362	12-φ25	355	12-φ25	5340	230
DN300	80	31.8	125	102	11	22	400	12-φ23	410	12-φ27	432	12-φ25	400	12-φ25	8250	320
DN350	79.5	31.8	150	125	13	22	460	16-φ23	470	16-φ27	476	12-φ29	445	16-φ25	11917	480
DN400	90	33.3	210	165	22	27	515	16-φ27	525	16-φ30	539.5	16-φ29	510	16-φ27	16388	700



DIE ERSTE INDUSTRY CO., LTD,
TAICHUNG, TAIWAN

SHEET 1 OF 1		DRAWN BY: DANNY HSU 12/30/21	REVIEW BY:	APPROVAL:	UNIT: mm	DO NOT SCALE DRAWING	TITLE: Series 81W(E) WCB CF8M CL150	REV 1.0
REMARK					PROJECT: 	DWG. NO.		