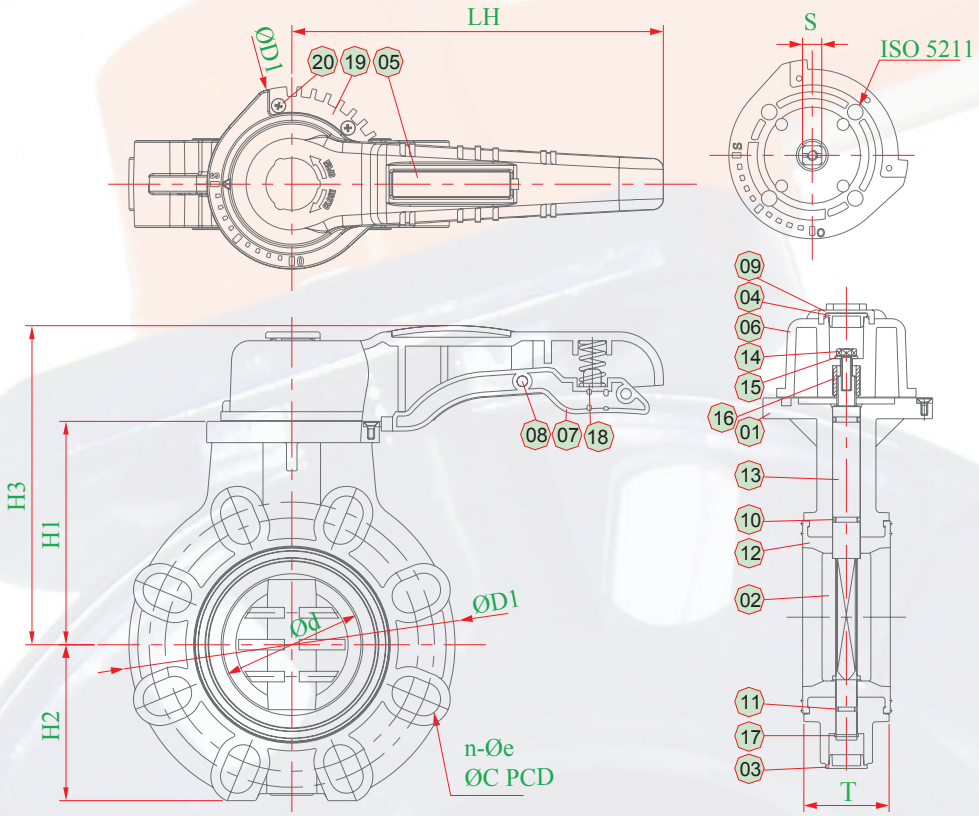
Technical Information

SIZE: 2" ~ 8"
JOINT END: FLANGE TYPE - ANSI (150 LBS)
DIN (PN10) - JIS (10K)
WORKING PRESSURE: 200 PSI



CONSTRUCTION			
NO	PARTS	PCS	MATERIALS
1	BODY	1	PVC,CPVC,PPH
2	DISC	1	PVC,CPVC,PPH
3	CAP	1	ABS
4	COVER	1	ABS
5	HYDROSEAL IDENTIFIER	1	ABS
6	HANDLE	1	ABS
7	LEVER	1	NYLON
8	PIN	1	NYLON
9	VISI-SCREEN	1	AS
10	STEM O-RING	2	EPDM,VITON
11	STEM O-RING	1	EPDM,VITON
12	SEAT	1	EPDM,VITON
13	SHAFT	1	SUS 410
14	BOLT	1	SUS 304
15	WASHER	1	SUS 304
16	INSERT	1	SUS 304
17	C-RING	1	SUS 410
18	SPRING	1	SUS 304
19	GEAR	1	SUS 304
20	BOLT	3	SUS 304

PART	NOMINAL SIZE	FLANGE TYPE	LEVER HANDLE TYPE						UNIT OF MEASURE: MM					TORQUE @ 100 PSI	
		DN	n	e	D	d	T	S	H2	H1	H3	LH	ISO 5211	Open	Close
STEF.0200	2"	DN 50	4	19	156	57	43	11	73	103	158	210	F 05/07	0.80	1.00
STEF.0250	2 1/2"	DN 65	4	19	177	68	46	11	81	114	169	210	F 05/07	1.90	2.00
STEF.0300	3"	DN 80	8	19	191	78	49	11	88	126	181	210	F 05/07	2.50	2.50
STEF.0400	4"	DN 100	8	19	223	98	56	14	103	143	198	210	F 07	3.00	3.00
STEF.0500	5"	DN 125	8	23	253	122	64	17	117	168	235	280	F 07/10	-	-
STEF.0600	6"	DN 150	8	23	279	146	70	17	129	181	248	280	F 07/10	7.50	8.00
STEF.0800	8"	DN 200	12	23	337	196	71	22	162	218	285	330	F 10	10.00	10.50

SELECTION CHART Lever Handle Operator and Gear Box Operator						
SIZE	BODY	DISC	SHAFT	LINER	OPERATOR	PRESSURE RATING
2" to 8"	PVC, CPVC, PPH	PVC, CPVC, PPH	SUS 410, SUS 316	EPDM, Viton	Lever, Worm	200 PSI @ 73F Non -Shock

CV FACTORS			
SIZE	FACTOR	SIZE	FACTOR
2"	125	6"	1100
3"	280	8"	2500
4"	375	-	-
5"	N/A	-	-

* PVDF not available in 2"

Pressure Loss Calculation Formula

$$\Delta P = \left[\frac{Q}{Cv}\right]^2$$

ΔP = Pressure Drop
Q = Flow in GPM
Cv = Flow Coefficient

OPERATING TEMPERATURE/PRESSURE