

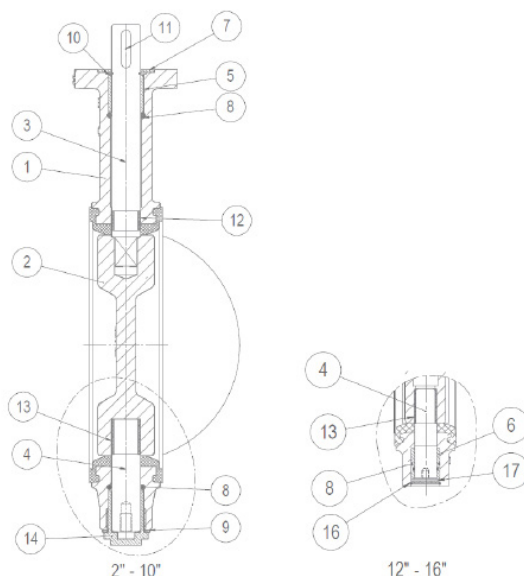
LUG 115

- Body construction 115 Lug 2"-16"
- Face to face ISO 5752 (series 20)/ API 609/ BS 5155
BS EN593/ EN-558-1/(series 20)
- Flanges ISO 7005-2 PN 10/16 (EN 1092-2 PN 10/16)
ANSI B16.1 class 125/ B16.1 class 150
- Top flange EN ISO 5211
- Max working pressure PN 16
- Temperature range -20°C + 140°C according to material
- Operation Handwheel
Lever
Electric actuator
Pneumatic actuator
- Coating Epoxy min 80 micron UV resistance
- Disc Worthite/ Duplex/ Super Duplex/ SS 316/ UB6
Ductile Iron Enamel/ Halar/ Rilsan coated
Ductile Iron rubber vulcanized EPDM/ NBR
Hypalon/ Butyl
- Tightness test According to EN 12266-1:2003
- Material certificate EN 10204.3.1



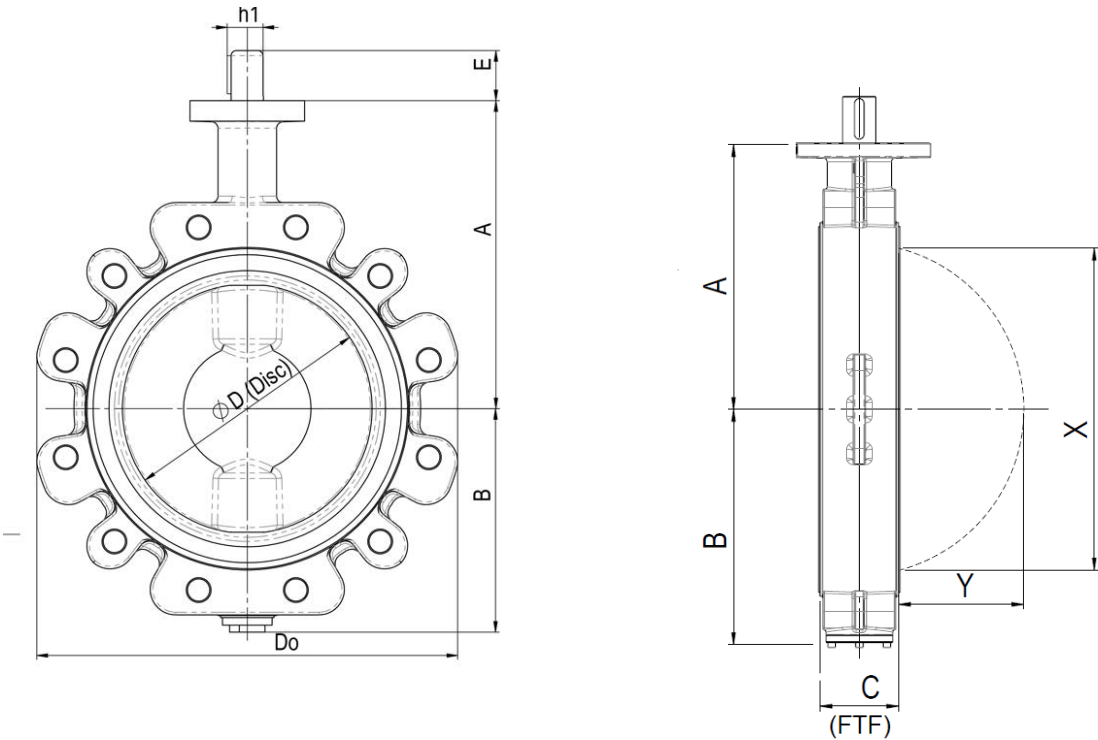
Materials

Item	Description	Material
1	Body	Ductile Iron/ Cast Iron
	Seat (vulcanized)	EPDM/ NBR/ Butyl/ Hypalon
2	Disc	As specified above
3,4	Shaft/ Axle	SS420/ SS316/ Duplex
5,6,14,18	Bush	Brass/ Reinforced Nylon/ PP
7	Washer	Steel Galvanized
8	O-Ring	NBR/ EPDM
9	Sealing Ring	Fiber
10,16	Circlip	Spring Steel
11	Woodruff Key/ Rectangular Key	Steel
12,13	Bush	Reinforced Nylon
17	Retaining Ring	Steel
19	Screws	Carbon Steel Galvanized



LUG 115

Dimensions



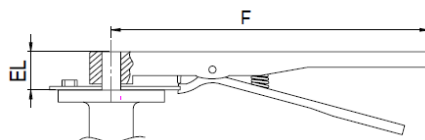
mm	50	65	80	100	150	200	250	300	350	400
inch	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"
A	126	130	157	168	200	242	282	301.5	315	360.5
B	79	86	101	110.5	145	176	222	243.5	259	295.5
C	43	46	46	52	56	60	68	78	78	102
X	37	53	71.5	90	141	188	244	293	327	370
Y	7	12.5	19.5	25.5	48	68.5	92.5	112.5	129	141
D	102	119	142	162	216	272	333	381	438	490
D1	160	180	195	230	285	342	406	482	530	595

Note: Due to company’s policy of continuous improvement, Kim Valves reserves the right to change specification without prior notice.

ACTUATION DATA

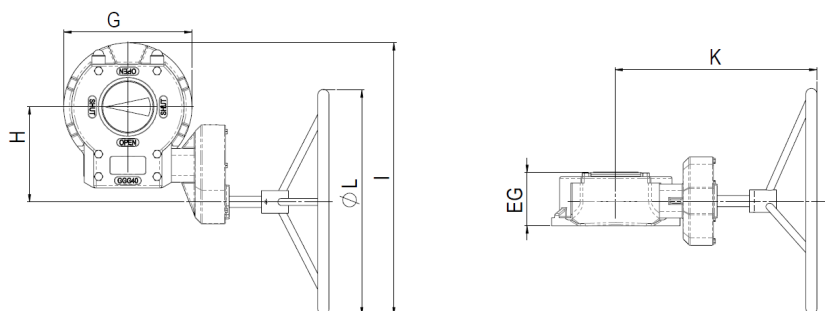
Hakohav Valves offers a wide selection of operating systems ,levers, handwheels gearboxes , pneumatic and electric actuators.
All actuators are calibrated and cycle tested before shipment to ensure safe and precise operation.

LEVER



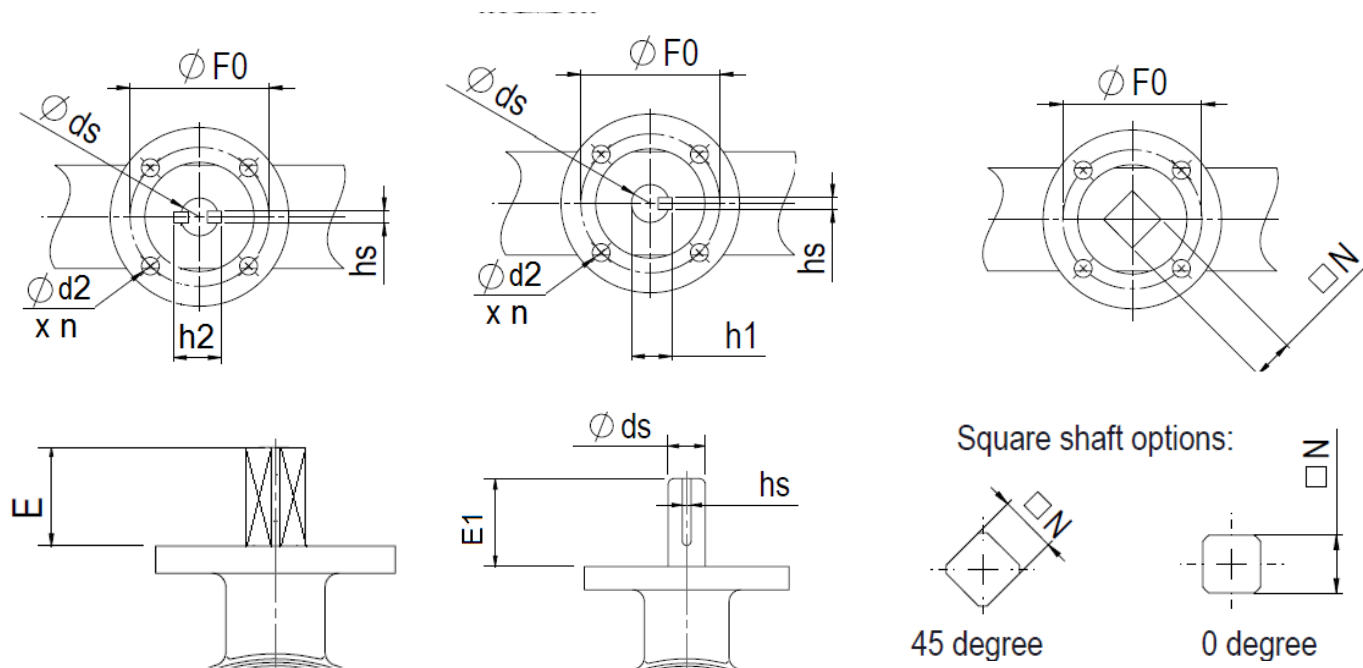
Lever	mm	50	65	80	100	150	200	250	300	350	400
	inch	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"
	EL	30	30	30	30	30	40	60	60	-	-
	F	210	210	210	210	210	354	440	440	-	-

GEAR



Gear Option A	mm	50	65	80	100	150	200	250	300	350	400
	inch	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"
	EG	61	61	61	61	61	61	83	83	83	83
	G	100	100	100	100	100	120	201	201	201	201
	H	50	50	50	50	50	47	100	100	100	100
	I	167.5	167.5	167.5	167.5	167.5	167.5	410	410	410	410
	K	122	122	122	122	122	122	235	235	330	330
	L	135	135	135	135	135	135	215	215	400	400
Gear Option B	EG	48	48	48	48	55	55	74	74	-	-
	G	80	80	80	80	100	100	128	128	-	-
	H	42.5	42.5	42.5	42.5	50	50	67	67	-	-
	I	105.5	105.5	105.5	105.5	127.5	127.5	287	287	-	-
	K	108	108	108	108	119	119	220	220	-	-
	L	100	100	100	100	125	125	350	350	-	-

MOUNTING FLANGE



	mm	50	65	80	100	150	200	250	300	350	400
	inch	2"	2.5"	3"	4"	6"	8"	10"	12"	14"	16"
Top flange acc. to ISO5211	E1	37	40	43.5	43.5	43.5	40	60	60	60	60
	ds	12.7	12.7	15.9	15.9	19	25.4	28.6	35	35	35
	hs	5	5	5	5	6	6	6	8	8	8
	h1	12.5	15.2	18.4	18.4	21	28.4	31.6	39	39	39
	h2	-	-	-	-	-	-	-	-	-	-
	d2	7 \ 9	7 \ 9	7 \ 9	7 \ 9	11	11	11	11	17	17
	n	4	4	4	4	4	4	4	4	4	4
	N	9	9	11	11	14	17	22	22	27	27
	E	9	9	11	11	14	17	22	22	27	27
		F05/F07	F05/F07	F05/F07	F05/F07	F07	F07	F10	F10	F14	F14

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