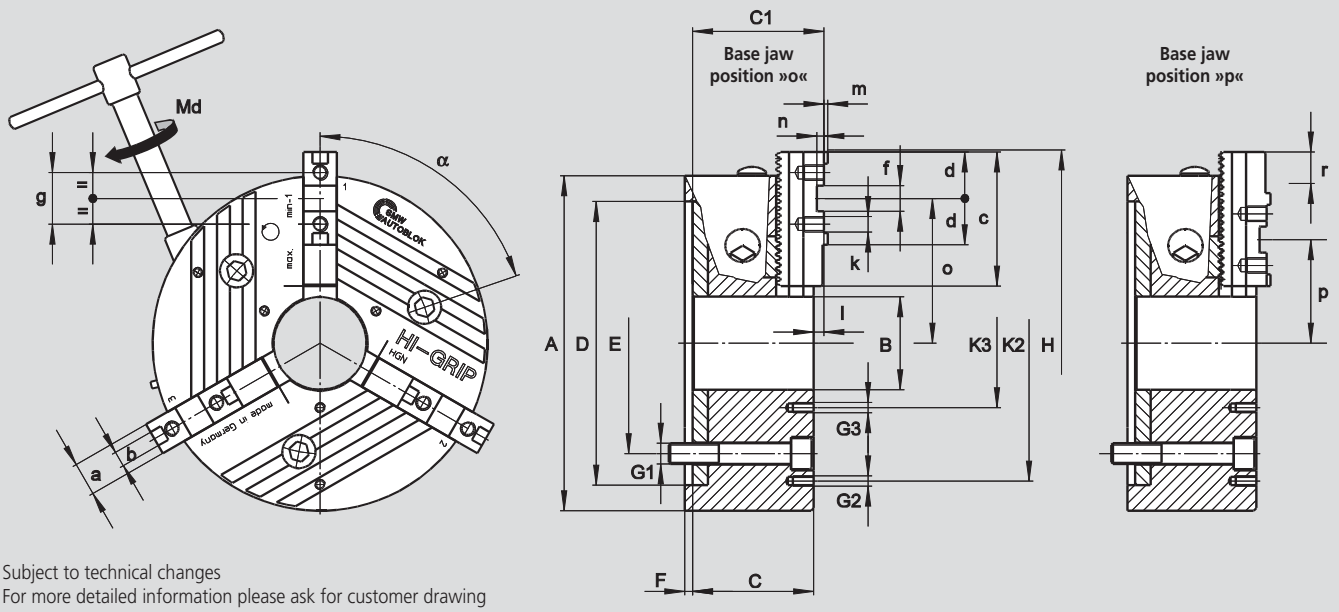
HG-F

QUICK JAW CHANGE
Jaw system Forkardt

Manual chucks Ø 160 - 400 mm

Main dimensions and technical data

Jaw position: open position for external clamping



Subject to technical changes
For more detailed information please ask for customer drawing

SMW-AUTOBLOK Type HG-F		160-46	210-60	260-81	315-102	400-128
Mounting	Size	Z140	Z170	Z220	Z300	Z380
	A	165	210	260	315	400
	B	46	60	81	102	128
	C	64	85.5	94	111	132
	C_1	71	92.7	101.7	120.1	141.9
H6	D	140	170	220	300	380
	E	104.8	133.4	171.4	235	330.2
	F	5	6	6	6	6
	G_1	M10	M12	M16	M20	M24
	G_2	-	M10/3 x 120°	M10/3 x 120°	M10/3 x 120°	M12/3 x 120°
	G_3	M5/3 x 120°	M6/3 x 120°	M8/3 x 120°	M10/3 x 120°	M12/3 x 120°
Swing dia.	H	195	250	300	372	492
	K_2	-	168	210	268	330
	K_3	75	75	95	120	160
	α°	68	64	66	65.5	64.5
	β°	-	60	60	55	45
Master jaw		MFG 160	MFG 200	MFG 250	MFG 315	MFG 400
	a	20	22	26	32	45
f7	b	8	10	12	12	18
	c	74	90	110	125	160
	d	28	33	36	36	50
H7	f	18	20	20	26	30
	g	32	40	40	54	60
Thread/thread depth	k	M8x1/12	M8x1/13	M12x1.5/15	M12x1.5/17	M16/30
	l	6	7.2	7.7	9.3	9.9
	m	2.5	3	3	3	4
	n	5	6	6	8	9
max./min.	o	69.5/55.1	86.5/62	112.2/82.4	149/93	193.6/125.6
max./min.	p	51.5/37.1	67.3/42.8	74.3/44.3	103/54	134.3/66.3
Base jaw tooth pitch	-	4.8	4.9	6	7	8.5
Master jaw offset	r	14.4	24.5	30	56	68
Master jaw offset	teeth	3	5	5	8	8
Usable jaw stroke	mm	5.9	6.2	7.4	9.6	11.4
max. total gripping force	kN	60	75	130	180	220
at max. torque Md	Nm	80	120	160	200	250
Speed	r.p.m.	5500	4800	4200	3500	2700
Mass without jaws	kg	8.3	19	32	53	103
Moment of inertia	kg·m²	0.03	0.09	0.25	0.60	1.9