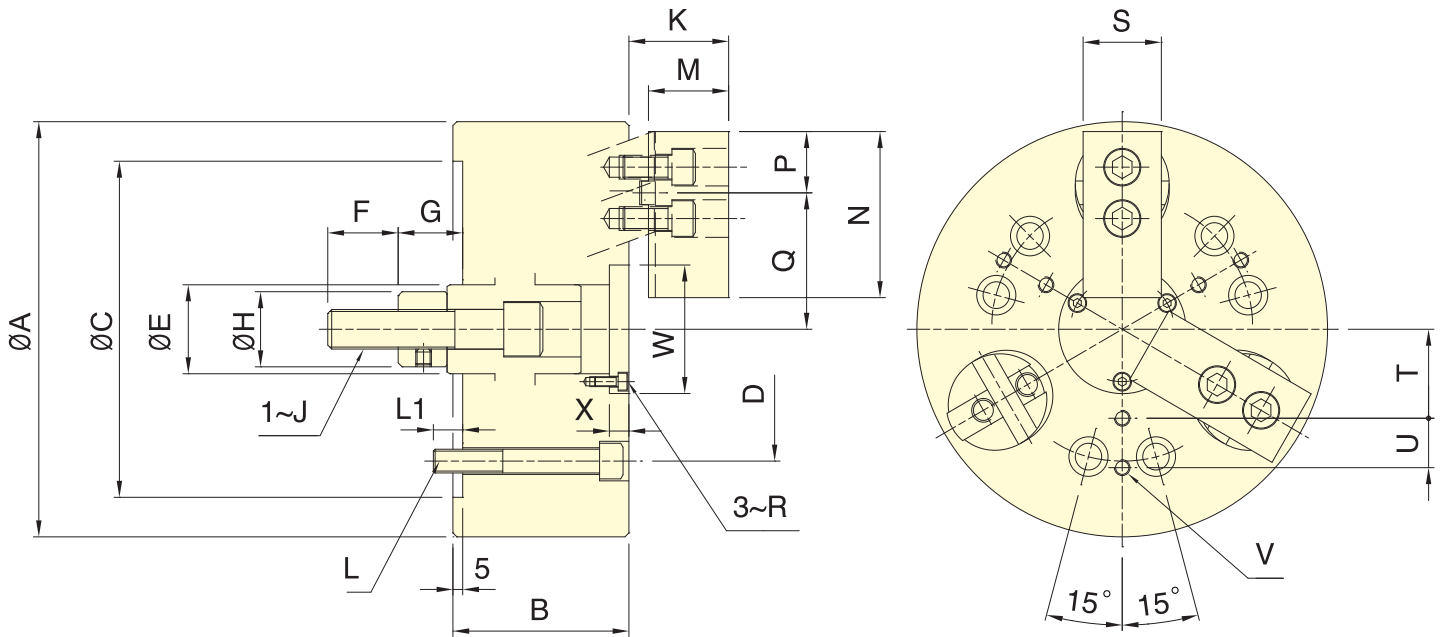




Application/customer benefits

- With workpiece can do radial clamp and axial pull-down at the same time, which able to closer surface of the chuck.
- Can cooperate with the airtight detection, and axial position confirm, suitable for the precision of large length size process.
- The body with heat treatment and the organization of cylinder pull-down, and fine boring, which guarantee to the high clamping precision and durability, it's suitable for heavy duty machining.

SPECIAL PURPOSE



* Subject to technical changes.

Specifications

Model	Plunger stroke (mm)	Jaw stroke (Dia.) (mm)	Chucking Dia. Max. (mm)	Chucking Dia. Min. (mm)	Max. D.B. pull kN (kgf)	Max. clamping force kN (kgf)	Max. speed min ⁻¹ (r.p.m.)	I kg · m ²	Weight (kg)	Matching cyl.	Max. pressure MPa (kgf/cm ²)
3D-04	7	5	110	13	6.0(612)	10.5(1070)	3500	0.007	4.5	RK-75	1.6(16.5)
3D-05	7	5	135	21	10.0(1020)	17.0(1730)	3500	0.018	7.9	RK-75	2.7(27.5)
3D-06	10	7.2	165	22	15.0(1530)	25.0(2550)	3500	0.051	15	RK-100	2.1(21.4)
3D-08	10	7.2	210	28	25.0(2550)	45.0(4590)	3000	0.15	26	RK-125	2.2(22.5)
3D-10	15	10.8	254	35	35.0(3569)	60.0(6118)	2500	0.37	46	RK-125	3.1(31.6)
3D-12	15	10.8	304	50	45.0(4590)	75.0(7650)	2000	0.79	70	RK-150	2.8(28.5)
* 3D-15	20	14.5	381	60	53.9(5500)	90.0(9180)	1500	2.25	132	RK-150	3.4(34.2)

Dimensions

Model	A	B	C	D	E	F	G max.	G min.	H	J	K max.	K Min.	L	L1	M	N	P	Q max.	Q min.	R	S	T	U	V	W	X
3D-04	110	60	85	70.6	25	20	22	15	25	M10	30	23	3~M10	15	19.5	50	22	37	34.5	M3	25	22.5	-	3~M6	35	2
3D-05	135	70	110	82.6	30	25	24	17	28	M12	35	28	3~M10	16	24.5	56	23	46	43.5	M3	30	27.5	-	3~M6	44	2
3D-06	165	85	140	104.8	35	36	37	27	32	M16	45	35	6~M10	16	31	70	27	57.7	54.3	M4	35	35	20	6~M6	52	7
3D-08	210	90	170	133.4	45	36	38	28	38	M20	56	46	6~M12	15	41	84	31	70.8	67.2	M5	40	45	25	6~M8	65	10
3D-10	254	110	220	171.5	55	46	47	32	50	M24	65	50	6~M16	24	46	100	38	85	79.6	M6	50	55	30	6~M8	75	12
3D-12	304	125	220	171.5	55	50	49.5	34.5	53	M27	65	50	6~M16	22	51	120	42	101.9	96.5	M6	60	70	35	6~M10	90	12
* 3D-15	381	140	300	235	70	55	61	41	55	M30	86	66	6~M20	30	60	165	60	135.6	128.3	M8	70	95	45	6~M12	120	13

*model produced only by order.