

UR Mega Bore 3-Jaw High-Speed Open Center Chuck



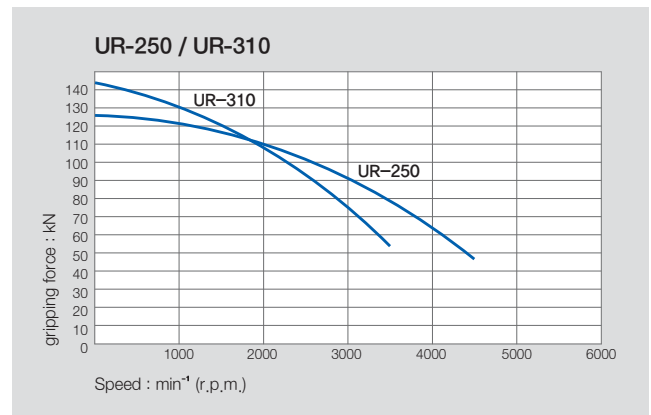
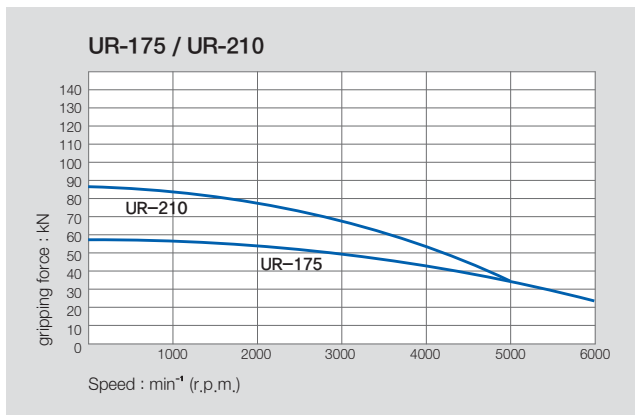
Application / Benefits

For work requiring through-hole
Choose between metric or inch serrated jaws

Technical features

Case hardened body to assure high precision and longevity
Wedge style enables high clamping force

ACTUAL GRIPPING FORCE DIAGRAM



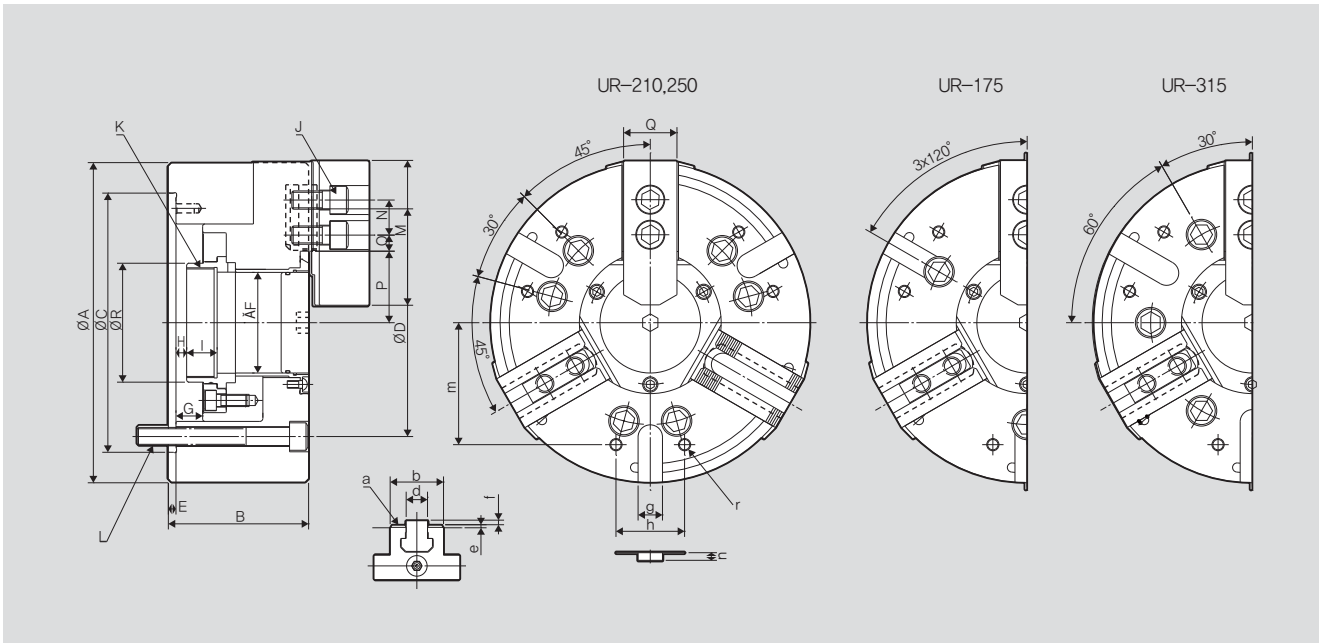
※ Results reflect gripping force when using standard Samchully soft jaws, Variations in size of jaw and workpiece may decrease gripping force.

SPECIFICATIONS

	UR-175	UR-210	UR-250	UR-315
Thru Hole Dia. [mm]	56	66	82	122
Grip Dia. Max. [mm]	175	210	254	315
Grip Dia. Min. [mm]	16	23	30	74
Jaw Stroke Dia. [mm]	6.4	8.0	10.0	10.6
Plunger Stroke [mm]	14	17.5	22	23
Max. Permissible Input Force [kN(kgf)]	25(2551)	38(3878)	50(5102)	50(5102)
Max. Static Gripping Force [kN(kgf)]	70(7143)	108(11020)	145(14796)	145(14796)
Max. r.p.m. [min ⁻¹]	6000	5000	4000	3200
Weight [kg]	11	19.5	30	42
Moment of inertia [kg · m ²]	0.05	0.12	0.27	0.60
Operating Cylinder	SD-15452	SD-17568	SD-18582	SD-30516
Max. Hydraulic Pressure [MPa(kgf/cm ²)]	1.8(18.35)	2.5(25.49)	2.8(28.55)	1.4(14.27)

※ Specifications are subject to change without notice.

Thru Hole Range : $\varnothing 56 \sim \varnothing 122$
Clamping Range : $\varnothing 16.5 \sim \varnothing 315$



※ It is recommended to grease chucks at least twice a day in order to maximize longevity.

DIMENSIONS

	UR-175	UR-210	UR-250	UR-315
ΦA	175	210	254	315
B	81	92	103	115
ΦC (기준경)	160	170	220	300
ΦD	133.4	133.4	171.4	235
E	5	5	5	5
F	56	66	82	122
G	14	17.5	22	23
H (max./min.)	4 / -10	7 / -10.5	13 / -9	19 / -4
I	18	20	20	23
J (UR-D/UR-M)	M10 / M10	M12 / M12	M12 / M12	M16 / M16
K (max)	M62x1.5P	M72x1.5P	M85x2.0P	M125x2.0P
L	M12	M12	M16	M20
M	70	95	110	125
N (UR-D/UR-M)	16.5 / 20	23 / 25	30 / 30	30 / 30
O (max./min.)	22 / 10	23 / 11	32 / 14	37 / 15
P (max./min.)	38/35	47/43	57/62	81/76
Q	31	35	40	50
R	71	78	92	143
a (UR-D/UR-M)	1/16"x90° / 1.5x60°	1/16"x90° / 1.5x60°	1/16"x90° / 1.5x60°	1/16"x90° / 1.5x60°
b	33	38	45	45
d (UR-D/UR-M)	12 / 14	17 / 14	21 / 16	21 / 21
e	3	3	4	4
f	2.5	2.5	3.5	3.5
g	16	16	16	20
h	36	45	60	60
m	65	80	102	100
n	5	5	5	5
r	M8	M8	M10	M10

※ Blank and machined draw-nuts are available.

RELATED PRODUCT

