



**ROTARY
CYLINDER**

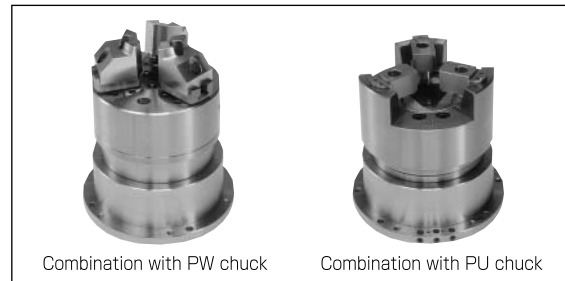
Stationary Cylinder YS series

Provided for M/C system
Suitable for a variety of chuck types

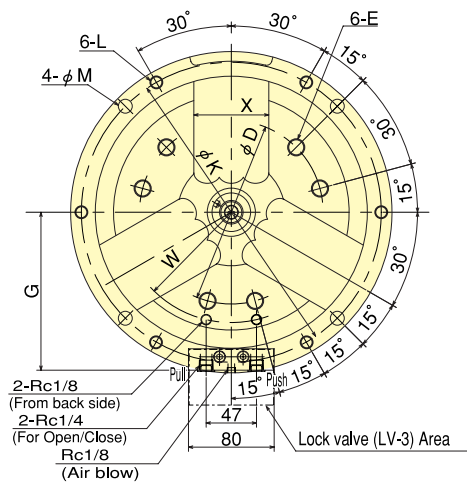
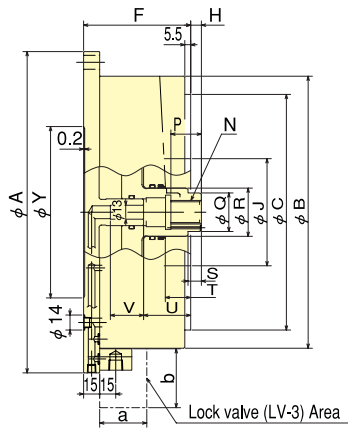


- Best suited for versatile workpieces
- Can be easily mounted to milling and drilling machines
- Easily mounted to work gripper multiplate
- Pneumatic or hydraulic pressure can be supplied

Combination example



Dimensional Drawings



Dimensions

※The dimensions of a/b marked are the size of LV-3(Lock-valve).

Model	ϕA_{h7}	ϕB	ϕC_{h7}	ϕD	E	F	G	H max.	H min.	ϕJ	ϕK	L	ϕM
YS1415K	203	165	140	104.8	M10depth17	72	103	8	-7	75	185	M10	11
YS1820K	248	210	170	133.4	M10depth17	92	125.5	11	-9	100	230	M10	11
YS2220K	300	254	220	171.4	M10depth17	100	147.5	10	-10	100	280	M12	13

Model	N	P	ϕQ	ϕR	S	T	U	V	W	X	Y	a	b
YS1415K	M16	14	—	40	—	9.3	23	25	60	48	95	45	55
YS1820K	M18	21.5	30	40	7.3	17.3	35.5	31	80	70	125	45	55
YS2220K	M22	28.5	36	45	12.5	23.7	44	31	95	70	160	45	55

Specifications

Model	Piston stroke	Max. allowable pressure		Max. thrust				Weight	Matching chuck size
		Pneumatic	Hydraulic	Pneumatic	0.6MPa (6kgf/cm ²)	Hydraulic	1.5MPa (15.3kgf/cm ²)		
YS1415K	15mm	0.7MPa (7kgf/cm ²)	1.5MPa (15.3kgf/cm ²)	Push	8.5kN (867kgf)	Push	20.8kN (2121kgf)	15.0kg	6inch
				Pull	8.1kN (826kgf)	Pull	20.1kN (2050kgf)		
YS1820K	20mm	0.7MPa (7kgf/cm ²)	1.5MPa (15.3kgf/cm ²)	Push	15.1kN (1540kgf)	Push	37.7kN (3844kgf)	22.0kg	8inch
				Pull	14.6kN (1489kgf)	Pull	36.5kN (3722kgf)		
YS2220K	20mm	0.7MPa (7kgf/cm ²)	1.5MPa (15.3kgf/cm ²)	Push	21.4kN (2182kgf)	Push	53.6kN (5466kgf)	39.0kg	10inch
				Pull	20.8kN (2121kgf)	Pull	51.9kN (5292kgf)		