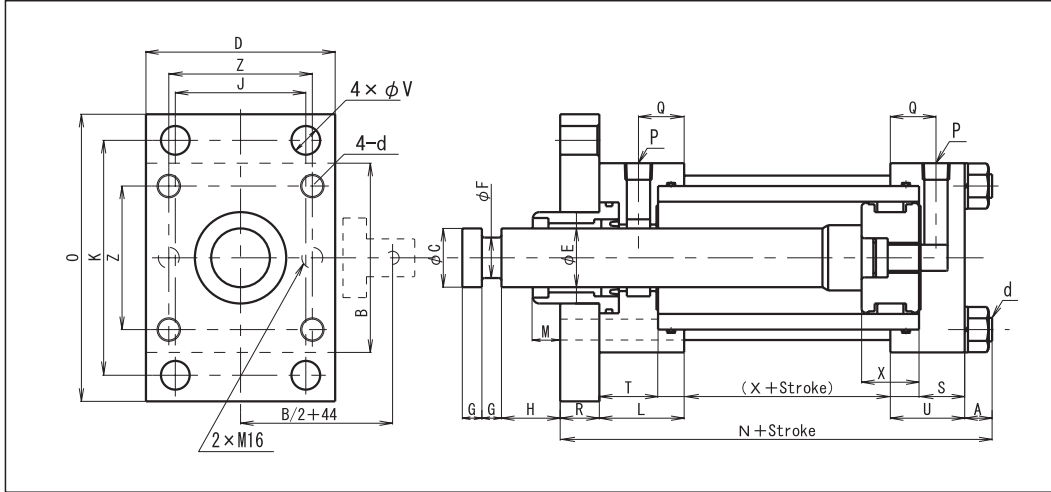


Core Pull Cylinder (14MPa)

Dimension drawing



Size table

Model	Cylinder Inner dia. ϕ	ϕC	ϕF	G	H	ϕE	R	T	S	X	O	D	K
PFA14	40	18	13	12.5	30	36	19	33	22	33	118	70	94
	50	22.4	16	12.5	35	42	22	38	35	40	135	85	108
	63	28	20	12.5	35	50	22	38	30	40	160	100	130
	70	31.5	22	15	40	55	22	38	30	40	170	109	138
	80	35.5	25	15	40	65	25	40	35	44	185	122	150
	90	40	28	15	45	65	25	40	35	44	190	135	158
	100	45	31	15	45	70	30	40	35	44	220	145	180
	112	50	35	20	50	75	30	45	35	44	235	160	196
	125	56	38	20	50	85	30	45	35	60	255	175	210
	140	63	43	20	60	90	35	45	35	60	295	195	240
	150	67	46	25	60	105	35	45	35	60	305	212	254
	160	71	49	25	65	105	35	50	45	60	336	224	275
	180	80	55	25	65	115	40	55	45	60	365	250	300
200	90	60	30	70	125	50	55	50	70	405	280	335	

Model	Cylinder Inner dia. ϕ	J	B	Z	L	U	$d \times 1.5$	ϕV	Q	P	A	N	M
PFA14	40	40	75	52	53	55	M10	16	30	Rc1/2	12	119	9
	50	50	85	63	63	55	M12	16	35	Rc1/2	14	154	8
	63	65	100	75	58	55	M14	18	35	Rc1/2	16	146	8
	70	70	109	82	58	55	M14	18	35	Rc1/2	16	146	13
	80	80	122	91	60	55	M16	18	35	Rc1/2	19	163	9
	90	90	140	102	60	55	M16	18	35	Rc1/2	19	163	10
	100	100	145	110	60	55	M18	22	35	Rc1/2	21	165	10
	112	115	160	120	65	55	M20	22	35	Rc1/2	24	178	10
	125	125	173	134	65	55	M22	26	35	Rc1/2	28	198	10
	140	140	195	146	70	60	M24	26	40	Rc1/2	30	205	10
	150	150	212	160	70	60	M26	26	40	Rc1/2	33	208	10
	160	160	224	175	75	70	M30	33	45	Rc3/4	33	223	10
	180	180	244	192	80	70	M30	39	45	Rc3/4	33	233	10
200	210	265	214	80	75	M33	39	45	Rc3/4	40	265	10	

Core Pull Cylinder (14MPa)

Core Pull Cylinder (14MPa)

● Output value (Hydraulic pressure 13.7MPa) (kN)

Model	Cylinder Inner dia. ϕ	Pull	Push
PFA14	40	13.7	17.6
	50	21.6	26.8
	63	34.3	43.1
	70	42.1	52.9
	80	54.9	68.6
	90	69.6	87.2
	100	86.2	107.8
	112	107.8	135.2
	125	134.3	168.6
	140	168.6	210.7
	150	194.0	242.1
	160	221.5	275.4
	180	280.3	348.9
200	344.0	431.2	

● Cylinder mass unit : kg

Stroke inner dia. / Cylinder	50	100	150	200	250	300	350	400
40	9.7	11	12.3	13.6	14.9	16.2	17.5	18.8
50	12.5	14.3	16.1	17.9	19.7	21.5	23.3	25.1
63	16.9	19	21.1	23.2	25.3	27.4	29.5	31.6
70	19.7	21.9	24.1	26.3	28.5	30.7	32.9	35.1
80	24.5	27	29.5	32	34.5	37	39.5	42
90	27.5	30.2	32.9	35.6	38.3	41	43.7	46.4
100	35.4	38.5	41.6	44.7	47.8	50.9	54	57.1
112	43.9	47.2	50.5	53.8	57.1	60.4	63.7	67
125	53	57.1	61.2	65.3	69.4	73.5	77.6	81.7
140	71.2	75.8	80.4	85	89.6	94.2	98.8	103.4
150	81.2	86.5	91.8	97.1	102.4	113	118.3	123.6
160	105.2	111.6	118	124.4	130.8	137.2	143.6	150
180	125.5	132.7	139.9	147.1	154.3	161.5	168.7	175.9
200	167.1	175.7	184.3	192.9	201.5	210.1	218.7	227.3

● Standard

Model	Color	Hydraulic pressure	Rod-end	Cylinder I.D. (ϕ)	Cushion	Stroke
PFA14	Green	14MPa	C (Coupling) M (Screw type)	Choose from size list	B(both sides) R(Rod side) H(head side) N(none)	Size designation in 10mm unit

● Example of order code designation

Model	Rod-end	Cylinder I.D.	Cushion	Stroke
PFA14	C	ϕ 100	B	150