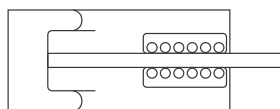


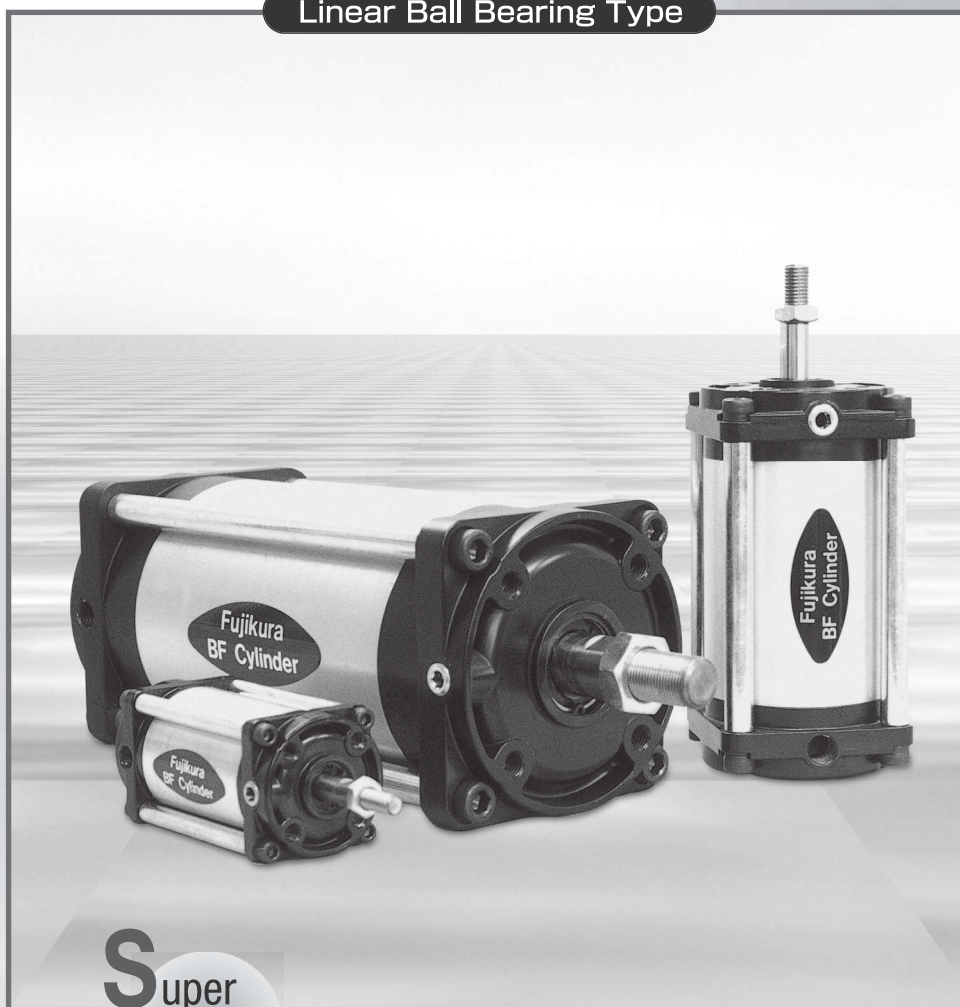


FUJIKURA COMPOSITES

Fujikura BF Cylinders

SC SERIES**SCS** Single Action Push Type**SCD** Double Action Type

Linear Ball Bearing Type

**S**uper
Cylinder**FUJIKURA COMPOSITES Inc.**



Linear ball bearing Type

Model SCS: Single Action (Push)

Model SCD: Double Action

■ SPECIFICATIONS

Operating Style	Single Action (Push) / Double Action											
Cylinder Diameter mm	40	50	63	80	100	112	125	140	160	180	200	
Stroke	(Single) mm	48	64	78	108	144	156	178	204	82, 142, 192, 240	96, 168, 226, 280	112, 192, 256, 320
	(Double) mm	48	64	78	108	144	156	178	204	82, 142, 192, 240	96, 168, 226, 280	112, 192, 256, 320
Working Fluid	Compressed Air (Non-Lubricated)											
Working Pressure Range MPa	0.01 ~ 0.7											
Working Temperature Range °C	0 ~ 60											
Rod Bearing	Linear ball bearing without seal , Linear ball bearing with seal on both sides											
Mounting	Direct , L , Front Flange , Rear Flange , Trunnion , Pivot-Mounting											

■ FEATURES

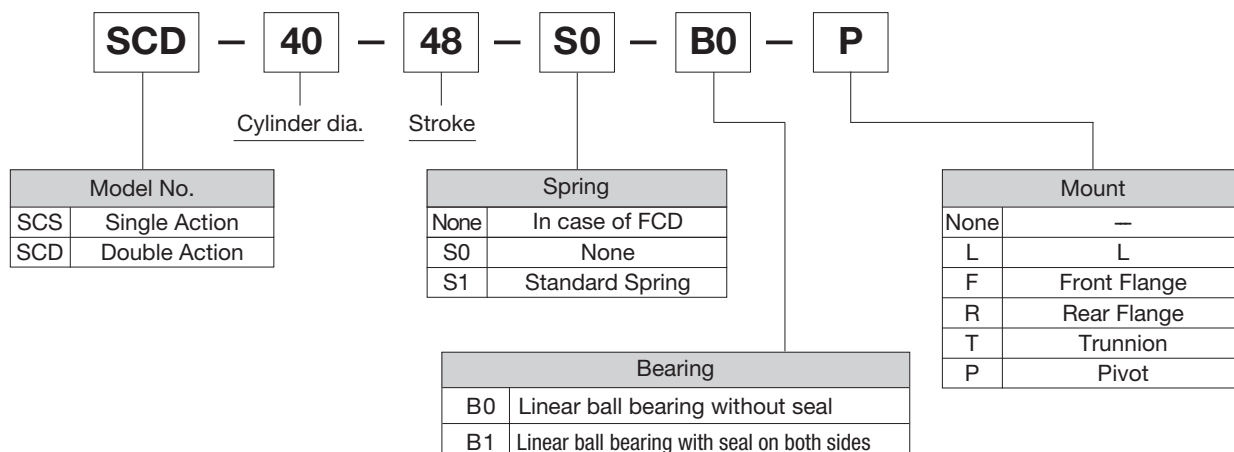
- SC Series is equipped with a linear ball bearing, having the same dimensions and structure as FC Series, to maximize the features of the BF diaphragm.
- The frictional resistance is smaller than the conventional types.
- The pressure fluctuation following capability is excellent.
- Operation is possible even under very small pressure.

■ NOTE

This series can be used as an ideal actuator for the following control operations:

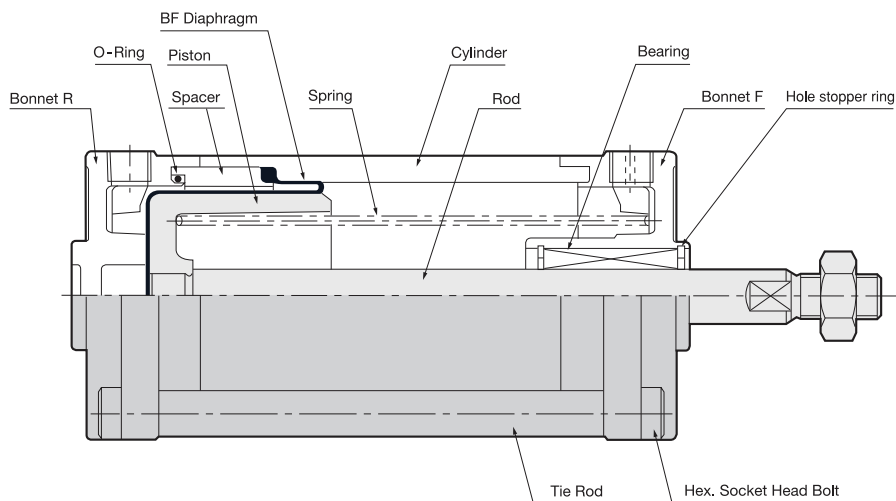
- To ensure correct control under low pressure
- Control of tension of printing machines and plastic production facilities
- Control of contact pressure of textile processing and metalworking machines
- Control of pressing force of polishing machines and testers

■ ORDERING DATA [Example]



INTERNAL CONSTRUCTION/PARTS DESCRIPTION

SINGLE ACTION TYPE

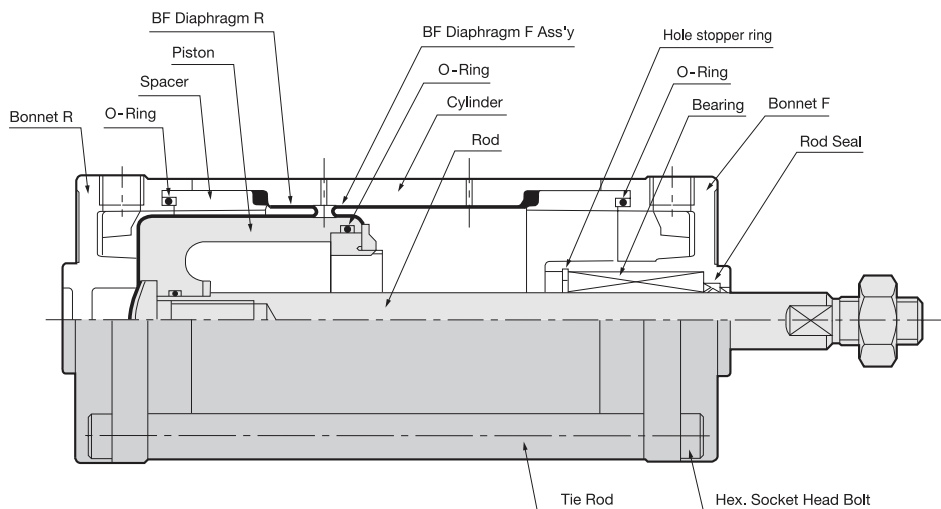


■ PARTS LIST

DESCRIPTION	MATERIAL
Bonnet F/R	Aℓ Alloy Die-Casting Aℓ Alloy Casting (FCS-160 & over)
O-Ring	NBR
Piston	Aℓ Alloy Casting
Cylinder/Spacer	Aℓ Alloy
Rod	Stainless Steel Hard Steel, Hard Chrome Plated (FCS-80 & over)
BF Diaphragm	Fabric Reinforced NBR
Return Spring	Spring Steel Wire
Bearing	Linear Ball Bearing
Hole Stopper Ring	Steel (SKS)
Tie Rod	Carbon Steel

Note : 1. Aℓ parts are anodic treated.
2. Unless otherwise specified, steel parts are galvanized.
3. Aℓ die-casting parts are bake painted.

DOUBLE ACTION TYPE



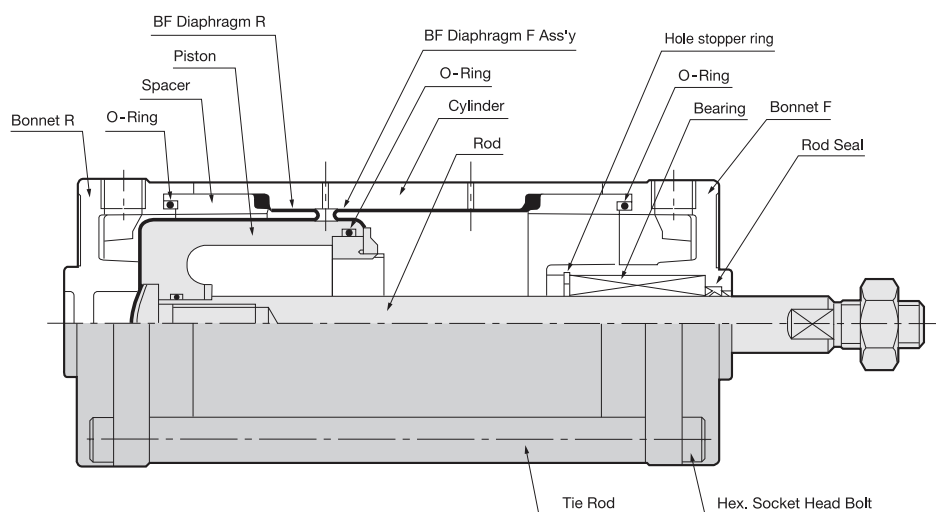
■ PARTS LIST

DESCRIPTION	MATERIAL
Bonnet F/R	Aℓ Alloy Die-Casting Aℓ Alloy Casting (FCS-160 & over)
O-Ring	NBR
Piston	Aℓ Alloy Casting
Cylinder/Spacer	Aℓ Alloy
Rod	Stainless Steel Hard Steel, Hard Chrome Plated (FCS-80 & over)
BF Diaphragm F Ass'y	Fabric Reinforced NBR with Fitting Caulked
BF Diaphragm	Fabric Reinforced NBR
Return Spring	Spring Steel Wire
Bearing	Linear Ball Bearing
Hole Stopper Ring	Steel (SKS)
Tie Rod	Carbon Steel

Note : 1. Aℓ parts are anodic treated.
2. Unless otherwise specified, steel parts are galvanized.
3. Aℓ die-casting parts are bake painted.

SPECIAL TYPE CYLINDER

SCD-40 ~ 200 SUPER CYLINDER DOUBLE ACTION TYPE

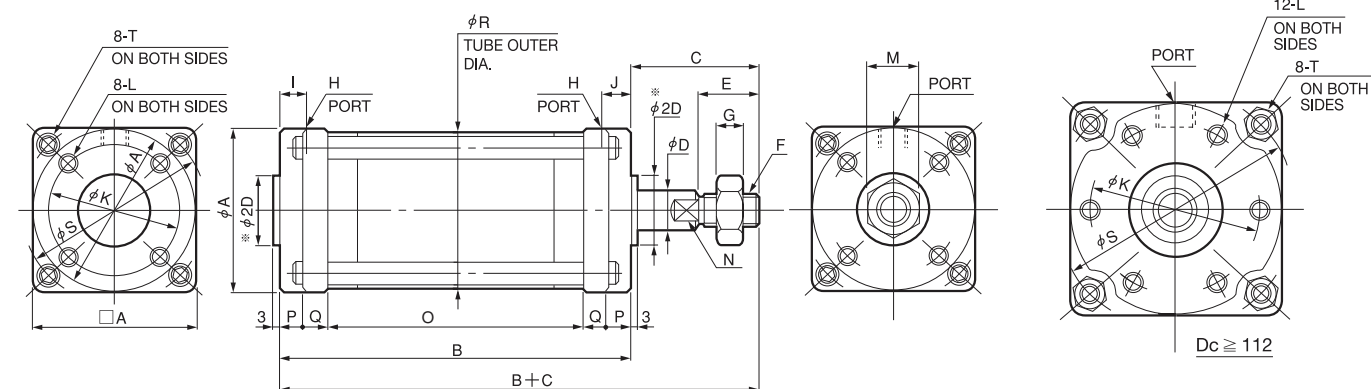


■ PARTS LIST

DESCRIPTION	MATERIAL
Bonnet F/R	A ℓ Alloy Die-Casting A ℓ Alloy Casting (FCS-160 & over)
O-Ring	NBR
Piston	A ℓ Alloy Casting
Cylinder/Spacer	A ℓ Alloy
Rod	Stainless Steel Hard Steel, Hard Chrome Plated (FCS-80 & over)
BF Diaphragm F Ass'y	Fabric Reinforced NBR with Fitting Caulked
BF Diaphragm	Fabric Reinforced NBR
Return Spring	Spring Steel Wire
Bearing	Linear Ball Bearing
Hole Stopper Ring	Steel (SKS)
Tie Rod	Carbon Steel

Note : 1. A ℓ parts are anodic treated.
 2. Unless otherwise specified, steel parts are galvanized.
 3. A ℓ die-casting parts are bake painted.

Outline Dimensions



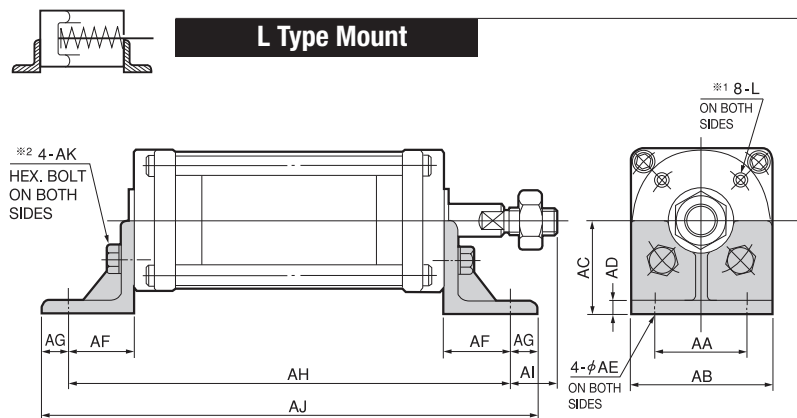
F₀/F₁ : Spring force at zero/full stroke (N)
A_e : Effective area (mm²)
N : Wrench flat width

OUTLINE DIMENSIONS

Dc—STROKE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	A _e	SPRING FORCE	
																						F ₀	F ₁
40 — 48	53	105	42	10	20	M 8 × 1	6	Rc 1/8	9	—	42	M 6DP 9	17	8	75	8	7	51.5	61	M 5	1100	7.8	19.6
50 — 64	63	130	45	12	20	M 10 × 1.25	6	Rc 1/8	10	—	50	M 6DP 9	17	10	98	8	8	61.5	73	M 6	1770	14.7	29.4
63 — 78	82	160	50	16	24	M 12 × 1.5	7	Rc 1/4	12	—	63	M 8DP 12	19	13	120	9	11	78.5	94	M 8	2730	23.5	47
80 — 108	100	205	58	20	32	M 16 × 1.5	10	Rc 1/4	14	—	80	M 8DP 12	24	17	157	10	14	97	114	M 8	4540	39.2	78.4
100 — 144	120	268	65	25	40	M 20 × 1.5	12	Rc 1/4	14	—	98	M 10DP 15	30	22	214	11	16	117.5	136	M 10	7240	61.7	127.4
112 — 156	137	290	72	25	44	M 22 × 1.5	13	Rc 3/8	18	—	112	M 10DP 15	32	22	228	12	19	135	156	M 12	8820	76.4	158.8
125 — 178	150	322	76	30	48	M 24 × 1.5	14	Rc 3/8	18	—	125	M 10DP 15	36	24	249	16	20	149	170	M 14	11100	95.1	198
140 — 204	165	370	84	35	52	M 27 × 1.5	16	Rc 3/8	18	—	140	M 12DP 18	41	30	290	16	24	164	190	M 14	14100	119.6	254.8

※ : 径40のみ2Dは24mm

L Type Mount

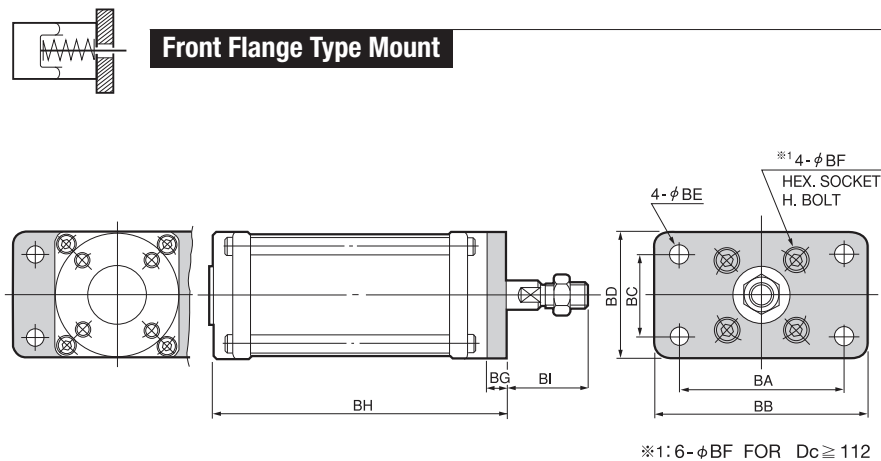


※1 : 12-L FOR Dc ≥ 112 ON BOTH SIDES

※2 : 6-AK FOR Dc ≥ 112 ON BOTH SIDES

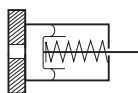
Ds-STROKE	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
40 - 48	35	53	35	5	6.5	25	10	155	17	175	M6 × 14
50 - 64	40	63	40	6	7.5	26	11	182	19	204	M6 × 14
63 - 78	50	82	50	6	9.5	31	14	222	19	250	M8 × 20
80 - 108	60	100	60	8	9.5	35	17	275	23	309	M8 × 20
100 - 144	75	120	70	8	12	40	20	348	25	388	M10 × 25
112 - 156	85	137	80	8	14	44	23	378	28	424	M10 × 25
125 - 178	95	150	87	10	14	46	24	415	30	463	M10 × 25
140 - 204	100	165	95	10	16	46	24	462	38	510	M12 × 30

Front Flange Type Mount

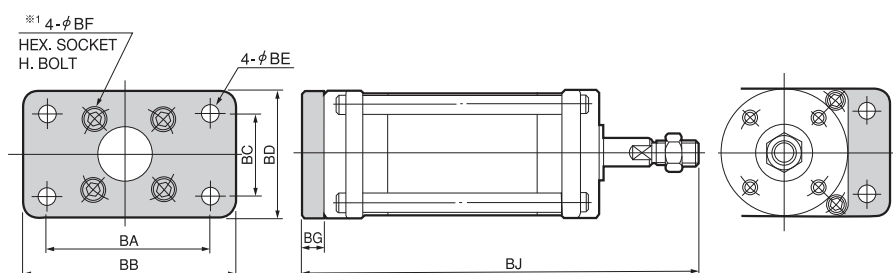


※1 : 6-φBF FOR Dc ≥ 112

Ds-STROKE	BA	BB	BC	BD	BE	BF	BG	BH	BI
40 - 48	70	90	35	53	6.5	M6 × 10	9	114	33
50 - 64	80	100	40	63	7.5	M6 × 10	10	140	35
63 - 78	105	130	55	82	9.5	M8 × 14	12	172	38
80 - 108	120	150	70	100	9.5	M8 × 14	13	218	45
100 - 144	150	180	85	120	11.5	M10 × 16	14	282	51
112 - 156	166	195	100	137	14	M10 × 16	15	305	57
125 - 178	180	210	115	150	14	M10 × 16	16	338	60
140 - 204	195	225	125	165	16	M12 × 20	19	389	65

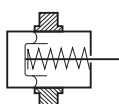


Rear Flange Type Mount

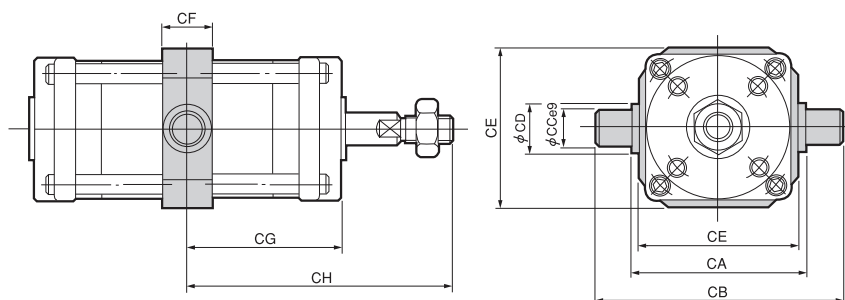


※1: 6-φ BF FOR $D_c \geq 112$

Ds-STROKE	BA	BB	BC	BD	BE	BF	BG	BJ
40 - 48	70	90	35	53	6.5	M6 ×10	9	156
50 - 64	80	100	40	63	7.5	M6 ×10	10	185
63 - 78	105	130	55	82	9.5	M8 ×14	12	222
80 - 108	120	150	70	100	9.5	M8 ×14	13	276
100 - 144	150	180	85	120	11.5	M10 ×16	14	347
112 - 156	166	195	100	137	14	M10 ×16	15	377
125 - 178	180	210	115	150	14	M10 ×16	16	414
140 - 204	195	225	125	165	16	M12 ×20	19	473



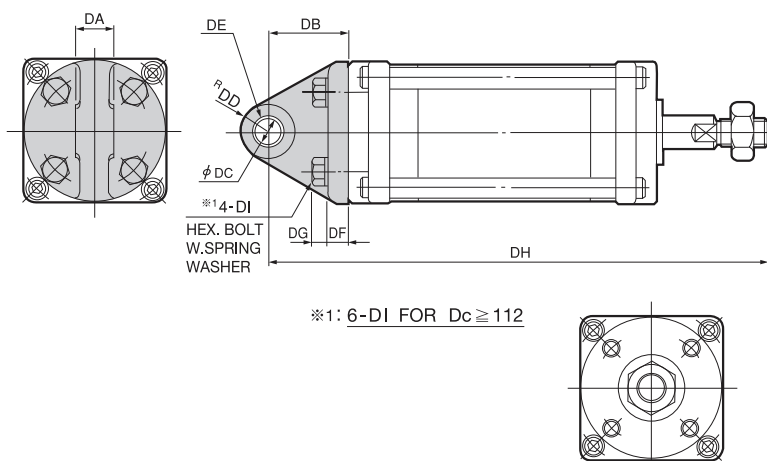
Trunnion Type Mount



Ds-STROKE	CA	CB	CC	CD	CE	CF	CG	CH
40 - 48	64	92	14	18	60	18	52.5	94.5
50 - 64	74	106	16	20	70	20	65	110
63 - 78	94	134	20	25	88	25	80	130
80 - 108	114	164	25	30	108	30	102.5	160.5
100 - 144	134	194	30	35	128	35	134	199
112 - 156	156	216	30	35	150	35	145	217
125 - 178	170	234	32	38	164	38	161	237
140 - 204	190	260	35	42	184	42	185	269



Pivot Type Mount



Ds-STROKE	DA	DB	DC	DD	DE	DF	DG	DH	DI
40 - 48	15	30	10	14	1015	8	5.5	177	M 6×16
50 - 64	15	33	10	14	1015	9	5.5	208	M 6×18
63 - 78	20	38	12	15	1220	10	7.5	248	M 8×22
80 - 108	20	44	15	16.5	1520	12	7.5	307	M 8×25
100 - 144	25	50	18	18	1825	15	9.5	383	M10×25
112 - 156	28	54	18	20	1810 2pcs.	16	9.5	416	M10×30
125 - 178	30	59	20	23	2010 2pcs.	17	9.5	457	M10×30
140 - 204	34	64	22	25	2210 2pcs.	19	11	518	M12×35

DE : Bearing Size No.

Technical drawing of a square flange with a central port, showing front, side, and end views with dimensions and labels.

Front View (Left): Shows a square flange with a central port. Dimensions include ϕK (port diameter), ϕS (flange outer diameter), ϕA (flange thickness), and $\phi 2D$ (flange hole diameter). Labels include "8-T ON BOTH SIDES" and "8-L ON BOTH SIDES".

Side View (Middle): Shows the side profile of the flange. Dimensions include ϕR (tube outer diameter), H (flange height), I (flange thickness), J (flange hole diameter), E (flange hole diameter), G (flange hole diameter), F (flange hole diameter), N (flange hole diameter), C (flange hole diameter), B (flange width), and $B+C$ (total width). Labels include "TUBE OUTER DIA.", "PORT", and "H".

End View (Right): Shows the end profile of the flange. Dimensions include M (flange hole diameter), ϕK (port diameter), ϕS (flange outer diameter), and $\phi 2D$ (flange hole diameter). Labels include "PORT" and "8-T ON BOTH SIDES".

Bottom View (Bottom): Shows the bottom profile of the flange. Dimensions include ϕK (port diameter), ϕS (flange outer diameter), and $\phi 2D$ (flange hole diameter). Labels include "PORT" and "8-T ON BOTH SIDES".

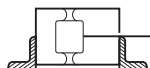
Notes:

- ϕR TUBE OUTER DIA.
- ϕK PORT
- ϕS FLANGE OUTER DIA.
- ϕA FLANGE THICKNESS
- $\phi 2D$ FLANGE HOLE DIA.
- H FLANGE HEIGHT
- I FLANGE THICKNESS
- J FLANGE HOLE DIA.
- E FLANGE HOLE DIA.
- G FLANGE HOLE DIA.
- F FLANGE HOLE DIA.
- N FLANGE HOLE DIA.
- C FLANGE HOLE DIA.
- B FLANGE WIDTH
- $B+C$ TOTAL WIDTH
- M FLANGE HOLE DIA.
- ϕK PORT
- ϕS FLANGE OUTER DIA.
- $\phi 2D$ FLANGE HOLE DIA.
- $8-T$ ON BOTH SIDES
- $8-L$ ON BOTH SIDES
- $12-L$ ON BOTH SIDES
- $D_c \geq 112$

Ae : Effective area (mm²)
N : Wrench flat width

Dc—STROKE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	Ae	
																					PUSH	PULL
40 — 48	53	116	42	10	20	M 8×1	6	Rc 1/8	9	9	42	M 6 DP 9	17	8	86	8	7	51.5	61	M 5	1100	1020
50 — 64	63	141	45	12	20	M 10×1.25	6	Rc 1/8	10	10	50	M 6 DP 9	17	10	109	8	8	61.5	73	M 6	1770	1650
63 — 78	82	175	50	16	24	M 12×1.5	7	Rc 1/4	12	12	63	M 8 DP 12	19	13	135	9	11	78.5	94	M 8	2730	2530
80 — 108	100	220	58	20	32	M 16×1.5	10	Rc 1/4	14	14	80	M 8 DP 12	24	17	172	10	14	97	114	M 8	4540	4230
100 — 144	120	284	65	25	40	M 20×1.5	12	Rc 1/4	14	14	98	M10 DP 15	30	22	230	11	16	117.5	136	M 10	7240	6750
112 — 156	137	313	72	25	44	M 22×1.5	13	Rc 3/8	18	18	112	M10 DP 15	32	22	251	12	19	135	156	M 12	8820	8330
125 — 178	150	346	76	30	48	M 24×1.5	14	Rc 3/8	18	18	125	M10 DP 15	36	24	274	16	20	149	170	M 14	11100	10400
140 — 204	165	392	84	35	52	M 27×1.5	16	Rc 3/8	18	18	140	M12 DP 18	41	30	312	16	24	164	190	M 14	14100	13300

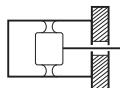
※：径40のみ2Dは24mm

[illegible]

※1 : 12-L FOR $D_c \geq 112$ ON BOTH SIDES

※2 : 6-AK FOR $D_c \geq 112$ ON BOTH SIDES

DS-STROKE	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
40 – 48	35	53	35	5	6.5	25	10	166	17	186	$M6 \times 14$
50 – 64	40	63	40	6	7.5	26	11	193	19	215	$M6 \times 14$
63 – 78	50	82	50	6	9.5	31	14	237	19	265	$M8 \times 20$
80 – 108	60	100	60	8	9.5	35	17	290	23	324	$M8 \times 20$
100 – 144	75	120	70	8	12	40	20	364	25	404	$M10 \times 25$
112 – 156	85	137	80	8	14	44	23	401	28	447	$M10 \times 25$
125 – 178	95	150	87	10	14	46	24	438	30	486	$M10 \times 25$
140 – 204	100	165	95	10	16	46	24	484	38	532	$M12 \times 30$



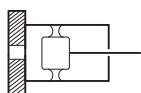
Technical drawing of the HPS-1000 hydraulic cylinder showing three views: front, side, and end view.

- Front View:** Shows the circular cross-section of the cylinder head. It features eight mounting holes arranged in two concentric circles. The outer diameter is labeled ϕB .
- Side View:** Shows the cylindrical body of the cylinder. Key dimensions include:
 - BH: Total length of the cylinder body.
 - BG: Distance from the front face to the start of the rod thread.
 - BI: Threaded section of the rod.
- End View:** Shows the flange at the end of the cylinder. Key dimensions include:
 - BA: Diameter of the central hole.
 - BB: Outer diameter of the flange.
 - BC: Distance from the center to the first hole.
 - BD: Distance between adjacent holes.
 - BE: Distance from the center to the last hole.
 - BF: Diameter of the mounting holes.

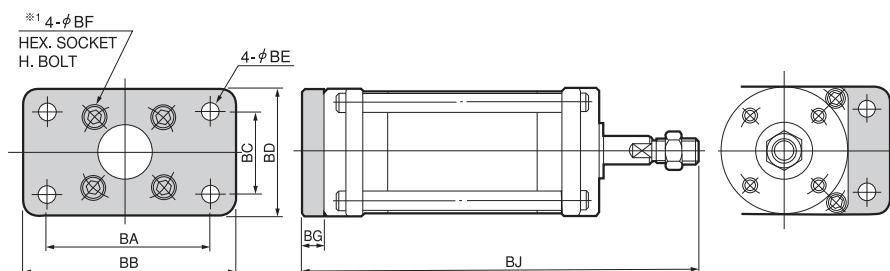
Note: ※ 1: 6- ϕBF FOR $D_c \geq 112$

※1: 6-φBF FOR $D_c \geq 112$

Ds-STROKE	BA	BB	BC	BD	BE	BF	BG	BH	BI
40 – 48	70	90	35	53	6.5	$M6 \times 10$	9	125	33
50 – 64	80	100	40	63	7.5	$M6 \times 10$	10	151	35
63 – 78	105	130	55	82	9.5	$M8 \times 14$	12	187	38
80 – 108	120	150	70	100	9.5	$M8 \times 14$	13	233	45
100 – 144	150	180	85	120	11.5	$M10 \times 16$	14	298	51
112 – 156	166	195	100	137	14	$M10 \times 16$	15	328	57
125 – 178	180	210	115	150	14	$M10 \times 16$	16	362	60
140 – 204	195	225	125	165	16	$M12 \times 20$	19	411	65

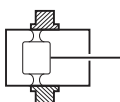


Rear Flange Type Mount

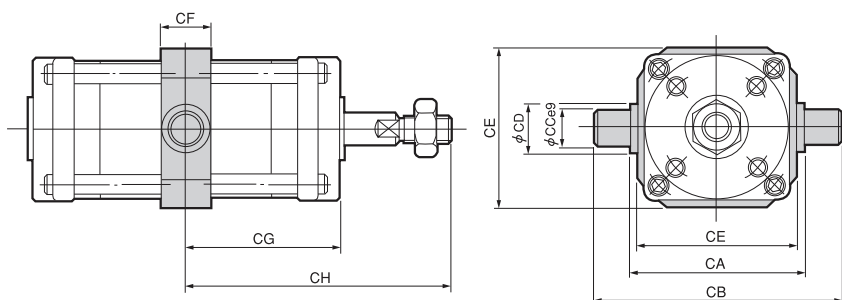


※1: 6-φBF FOR $D_c \geq 112$

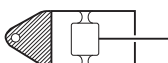
Ds-STROKE	BA	BB	BC	BD	BE	BF	BG	BJ
40 - 48	70	90	35	53	6.5	M6 × 10	9	167
50 - 64	80	100	40	63	7.5	M6 × 10	10	196
63 - 78	105	130	55	82	9.5	M8 × 14	12	237
80 - 108	120	150	70	100	9.5	M8 × 14	13	291
100 - 144	150	180	85	120	11.5	M10 × 16	14	363
112 - 156	166	195	100	137	14	M10 × 16	15	400
125 - 178	180	210	115	150	14	M10 × 16	16	438
140 - 204	195	225	125	165	16	M12 × 20	19	495



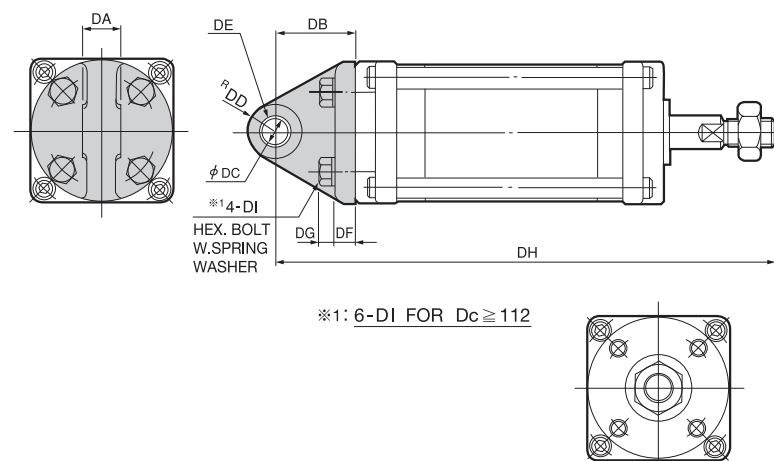
Trunnion Type Mount



Ds-STROKE	CA	CB	CC	CD	CE	CF	CG	CH
40 - 48	64	92	14	18	60	18	58	100
50 - 64	74	106	16	20	70	20	70.5	115.5
63 - 78	94	134	20	25	88	25	87.5	137.5
80 - 108	114	164	25	30	108	30	110	168
100 - 144	134	194	30	35	128	35	142	207
112 - 156	156	216	30	35	150	35	156.5	228.5
125 - 178	170	234	32	38	164	38	173	249
140 - 204	190	260	35	42	184	42	196	280

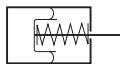


Pivot Type Mount

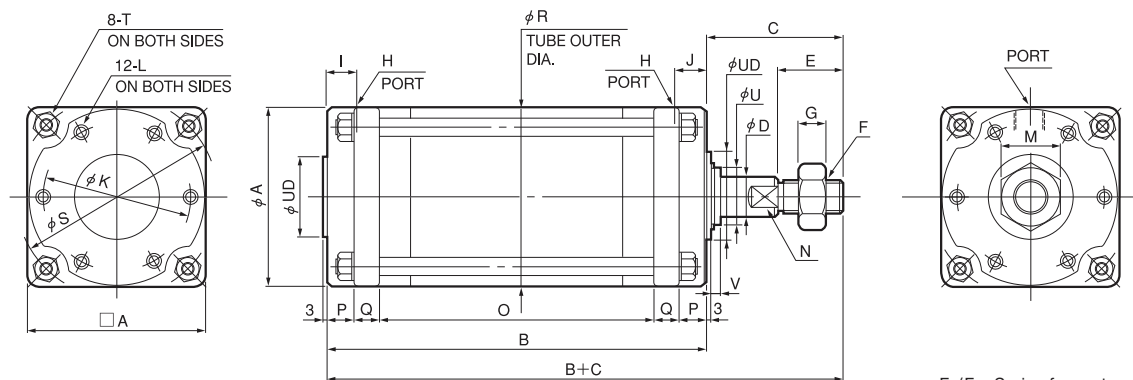


Ds-STROKE	DA	DB	DC	DD	DE	DF	DG	DH	DI
40 - 48	15	30	10	14	1015	8	5.5	188	M 6×16
50 - 64	15	33	10	14	1015	9	5.5	219	M 6×18
63 - 78	20	38	12	15	1220	10	7.5	263	M 8×22
80 - 108	20	44	15	16.5	1520	12	7.5	322	M 8×25
100 - 144	25	50	18	18	1825	15	9.5	399	M10×25
112 - 156	28	54	18	20	1810 2pcs.	16	9.5	439	M10×30
125 - 178	30	59	20	23	2010 2pcs.	17	9.5	481	M10×30
140 - 204	34	64	22	25	2210 2pcs.	19	11	570	M12×35

DE : Bearing Size No.



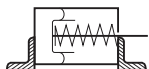
Outline Dimensions



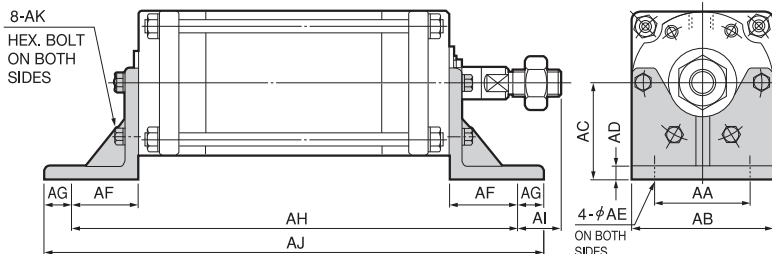
F₀/F₁ : Spring force at zero/full stroke (N)
Ae : Effective area (mm²)
N : Wrench flat width

OUTLINE DIMENSIONS

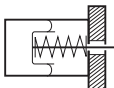
Dc—STROKE	A	B	C	D	UD	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	Ae	SPRING FORCE	
																									F ₀	F ₁
160 — 82	185	184					M30 × 1.5	18	Rc 1/2	22	—	160	M12 DP 18	46	30	86	23	26	185	215	M16	52	12.4	18600	158.8	356.7
		274	94	35	70	60										176					—	—				
		351														253					—	—				
		425														327					—	—				
180 — 96	205	227					M33 × 1.5	20	Rc 1/2	22	—	176	M14 DP 21	50	36	115	26	30	205	238	M18	60	11.9	23800	205.8	490
		321	104	40	80	64										209					—	—				
		410														298					—	—				
		493														381					—	—				
200 — 112	225	244					M36 × 1.5	21	Rc 3/4	24	—	194	M16 DP 24	55	36	118	28	35	225	262	M20	60	11.9	29600	254.8	656.6
		364	120	40	90	72										238					—	—				
		462														336					—	—				
		560														434					—	—				



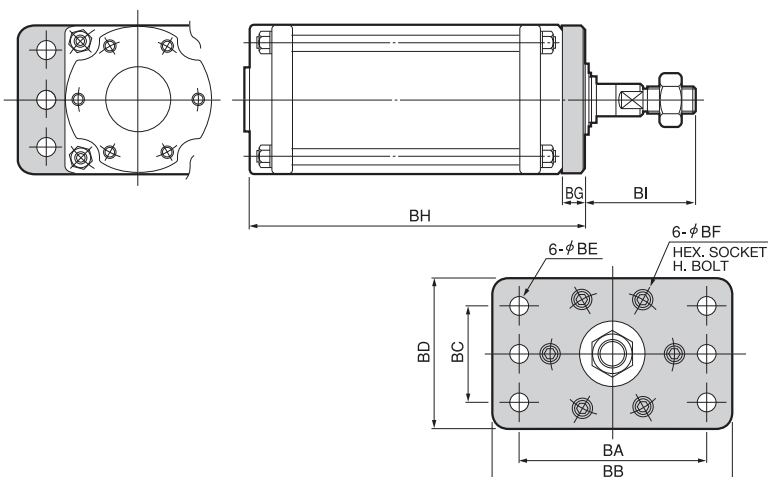
L Type Mount



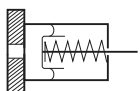
Dc—STROKE	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
160 — 82								282		334	M12 × 30
	115	185	105	13	18	49	26	372	19	424	
								449		501	
								523		575	
180 — 96								331		387	M14 × 35
	130	205	115	14	18	52	28	425	24	481	
								514		570	
								597		653	
200 — 112								348		404	M16 × 35
	140	225	125	14	18	52	28	468	40	524	
								566		622	
								664		720	



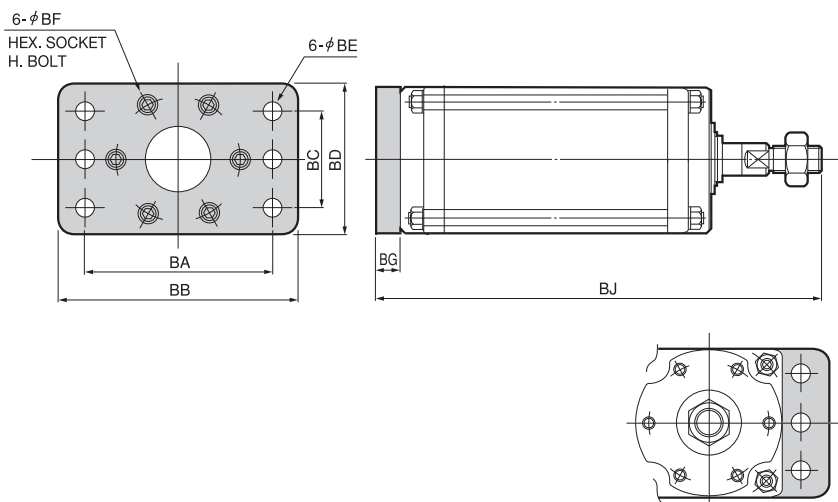
Front Flange Type Mount



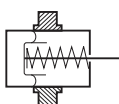
Dc—STROKE	BA	BB	BC	BD	BE	BF	BG	BH	BI
160 — 82								203	75
	220	260	140	185	16	M12 × 20	19	293	
								370	
								444	
180 — 96								249	82
	250	300	160	205	18	M14 × 25	22	343	
								432	
								515	
200 — 112								269	95
	275	320	180	225	18	M16 × 25	25	389	
								487	
								585	



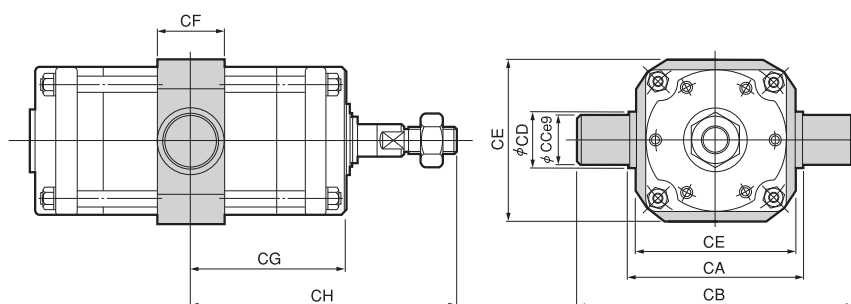
Rear Flange Type Mount



Dc—STROKE	BA	BB	BC	BD	BE	BF	BG	BJ
160 — 82								297
142	220	260	140	185	16	M12 × 20	19	387
192								464
240								538
180 — 96								353
168	250	300	160	205	18	M14 × 25	22	447
226								536
280								619
200 — 112								389
192	275	320	180	225	18	M16 × 30	25	509
256								607
320								705



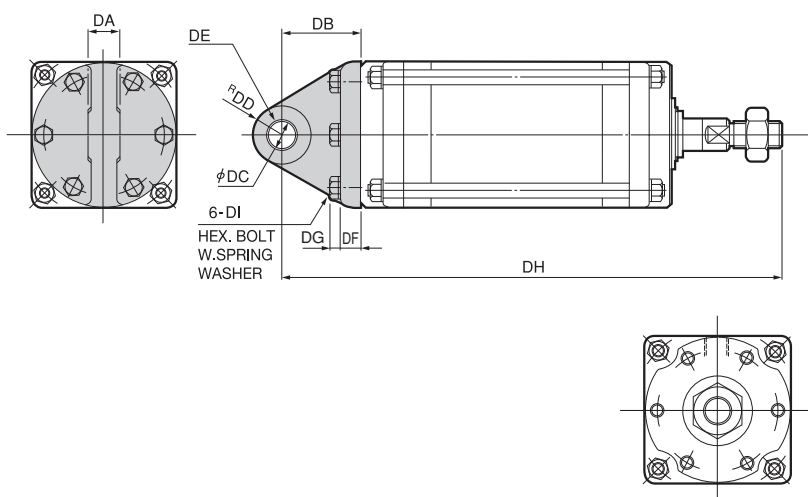
Trunnion Type Mount



Dc—STROKE	CA	CB	CC	CD	CE	CF	CG	CH
160 — 82							92	186
142	215	295	40	60	205	60	137	231
192							175.5	269.5
240							212.5	306.5
180 — 96							113.5	217.5
168	235	325	45	63	225	63	160.5	264.5
226							205	309
280							246.5	350.5
200 — 112							122	242
192	260	350	45	65	250	65	182	302
256							231	351
320							280	400

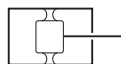


Pivot Type Mount

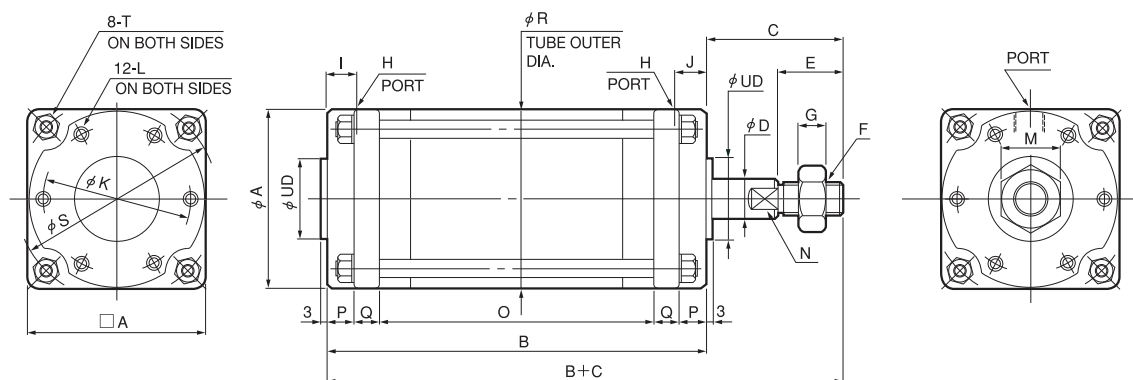


Dc—STROKE	DA	DB	DC	DD	DE	DF	DG	DH	DI
160 — 82								348	M12 × 40
142	38	70	25	28	2510 2ヶ	21	11	438	
192								515	
240								589	
180 — 96								408	M14 × 45
168	42	77	28	32	2812 2ヶ	24	12.5	502	
226								591	
280								674	
200 — 112								449	M16 × 50
192	45	85	30	34	3012 2ヶ	26	14	569	
256								667	
320								765	

DE : Bearing Size No.



Outline Dimensions

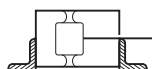


OUTLINE DIMENSIONS

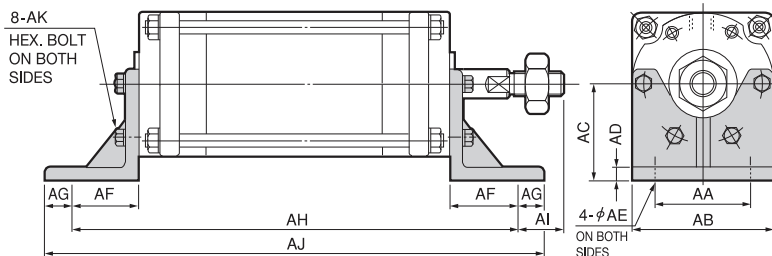
Ae : Effective area (mm²)

N : Wrench flat width

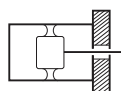
Dc—STROKE	A	B	C	D	UD	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	Ae	
																						PUSH	PULL
160 — 82	142	230					M30	18	Rc 1/2	22	22	160	M 12	46	30	132	23	26	185	215	M16	18600	17600
	192	320	94	35	70	60	× 1.5						DP 18			222							
	240	399														301							
	240	475														377							
180 — 96	168	260					M33	20	Rc 1/2	22	22	176	M 14	50	36	148	26	30	205	238	M18	23800	22500
	226	368	104	40	80	64	× 1.5						DP 21			256							
	280	459														347							
	280	544														432							
200 — 112	192	292					M36	21	Rc 3/4	24	24	194	M 16	55	36	166	28	35	225	262	M20	29600	28000
	256	412	120	40	90	72	× 1.5						DP 24			286							
	320	512														386							
	320	612														486							



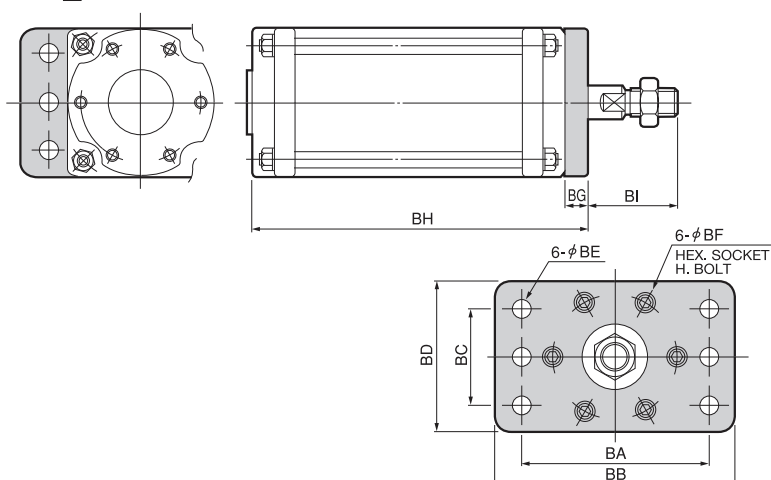
L Type Mount



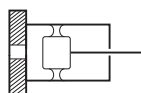
Dc—STROKE	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK
160 — 82								328		380	M12 × 30
	115	185	105	13	18	49	26	418	45	470	
								497		549	
								573		625	
180 — 96								364		420	M14 × 35
	130	205	115	14	18	52	28	472	52	528	
								563		619	
								648		704	
200 — 112								396		452	M16 × 35
	140	225	125	14	18	52	28	516	68	572	
								616		672	
								716		772	



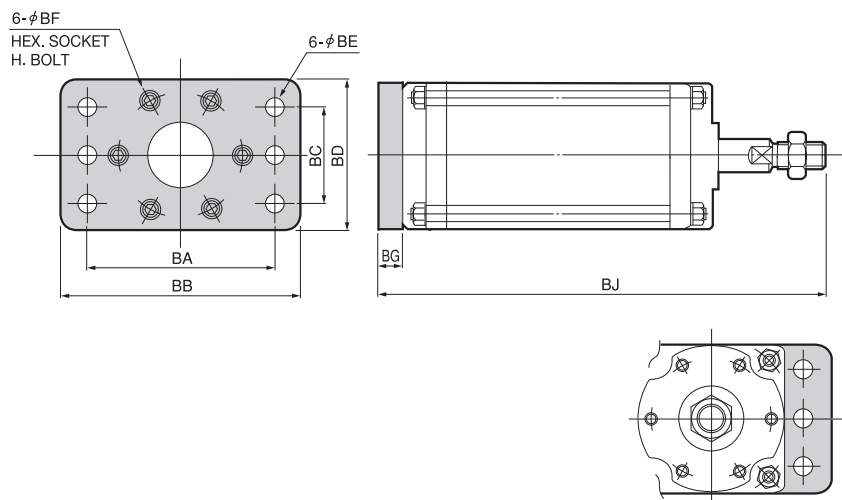
Front Flange Type Mount



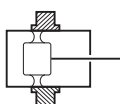
Dc—STROKE	BA	BB	BC	BD	BE	BF	BG	BH	BI
160 — 82								249	
	220	260	140	185	16	M12 × 20	19	339	75
								418	
								494	
180 — 96								282	
	250	300	160	205	18	M14 × 25	22	390	82
								481	
								566	
200 — 112								317	
	275	320	180	225	18	M16 × 25	25	437	95
								537	
								637	



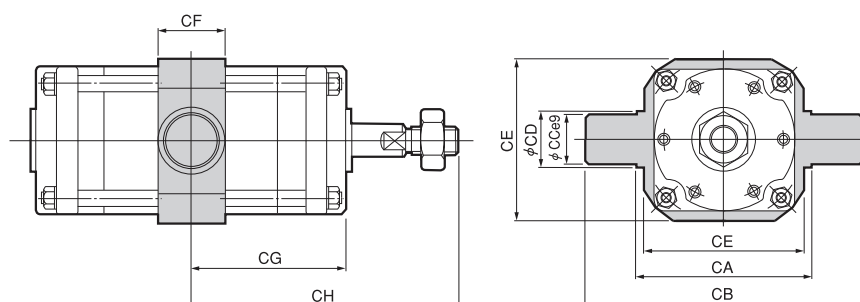
Rear Flange Type Mount



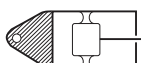
Dc—STROKE	BA	BB	BC	BD	BE	BF	BG	BJ
160 — 82 142 192 240	220	260	140	185	16	M12 × 20	19	343
								433
								512
								588
180 — 96 168 226 280	250	300	160	205	18	M14 × 25	22	386
								494
								585
								670
200 — 112 192 256 320	275	320	180	225	18	M16 × 30	25	437
								557
								657
								757



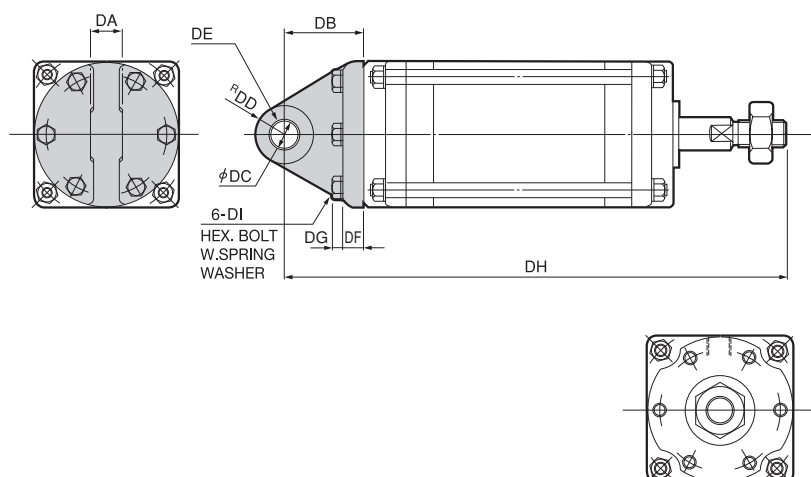
Trunnion Type Mount



Dc—STROKE	CA	CB	CC	CD	CE	CF	CG	CH
160 — 82 142 192 240	215	295	40	60	205	60	115	209
							160	254
							199.5	293.5
							237.5	331.5
180 — 96 168 226 280	235	325	45	63	225	63	130	234
							184	288
							229.5	333.5
							272	376
200 — 112 192 256 320	260	350	45	65	250	65	146	266
							206	326
							256	376
							306	426



Pivot Type Mount



Dc—STROKE	DA	DB	DC	DD	DE	DF	DG	DH	DI
160 — 82 142 192 240	38	70	25	28	2510 2pcs.	21	11	394	M12 × 40
								484	
								563	
								639	
180 — 96 168 226 280	42	77	28	32	2812 2pcs.	24	12.5	441	M14 × 45
								549	
								640	
								725	
200 — 112 192 256 320	45	85	30	34	3012 2pcs.	26	14	497	M16 × 50
								617	
								717	
								817	

DE : Bearing Size No.

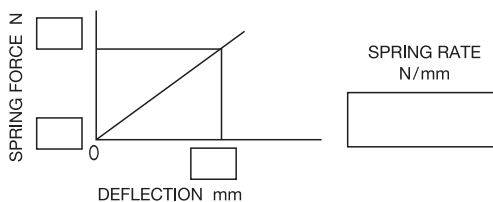
- When ordering, send us the Form with the blanks filled in.
 ■ When next ordering, specify the "Sheet No." in the completed Form.

Fujikura BF Cylinders

Design Spec. Form : SC-Series

Columns marked ※ will be filled up by Fujikura

CUSTOMER		※ SHEET NO.
LOCATION		※ AGENT
POST	PERSON IN CHARGE	※ DATE PERSON IN CHARGE
TEL	FAX	※ DATE SALES PERSON IN CHARGE

①	CYLINDER MODEL NO.	MODEL — DIA. — STROKE	⑧	WORKING FLUID			
②	STANDARD SPRING	NONE S0 STD. S1	⑨	WORKING PRESSURE MPa	MIN.	NORMAL	MAX.
③	BEARING	B0 B1	⑩	WORKING TEMPERATURE ℃	MIN.	NORMAL	MAX.
④	MOUNT	NONE L F R T P	⑪	CYCLE SPEED	c/min		
⑤	NECESSARY STROKE	mm	⑫	APP. MACH.		USER DWG.	
⑥	SPECIAL SPRING						
⑦	SPECIAL REQUIREMENT	ESTIMATION No. OF ORDER OF PIECES DELIVERY TIME ※ BF DIAPHRAGM CODE NO. DM1 — — —					

※	CODE NO.		DWG. NO.				IN CHARGE
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[illegible]