

**KYB**

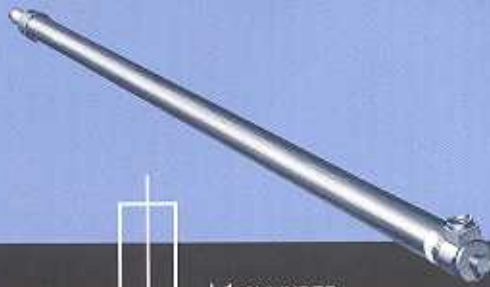
**HYDRAULIC CYLINDER**

**KCFL SERIES**

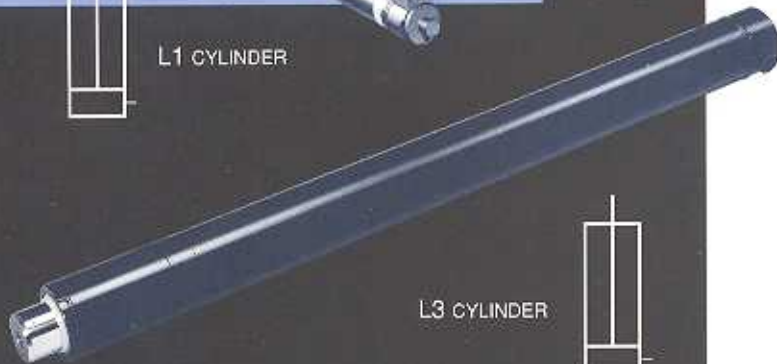


**KAYABA INDUSTRY CO., LTD.**

# CYLINDER KCFL SERIES



L1 CYLINDER



L3 CYLINDER

## PRODUCT DESCRIPTION

Maximum pressure : 18.1Mpa  
 Temperature : -20°C ~ 100°C  
 (Cold Area : -40°C ~ 90°C)

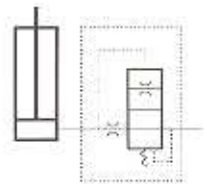
## FEATURES

KCF Series lift cylinders are highly durable, single acting piston type cylinders produced through the Kayaba's unique production technologies for minimizing tube wall thickness and for welding process by pursuing best adaptability to the forklift truck mechanism.

Kayaba's house-made seal system will ensure smooth cylinder stroking and minimized oil leakage. The roller-burnished inner surface of the tube will enhance the smooth and anti-wear performance.

Piston rods are well protected against corrosion and abrasion with hard chrome plating.

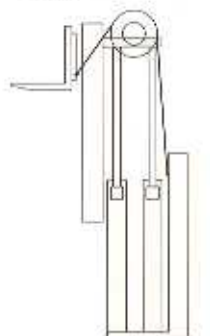
A down safety valve is available at option that will ensure safety in such an accident as pipe breakage (even a complete stop of the operation is possible).



A built-in type shock absorbing system is also available for a better cushioning performance.

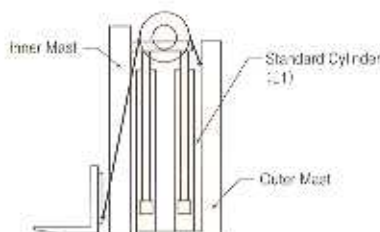
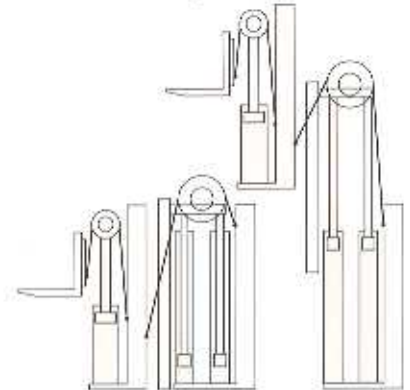
## LIFT CYLINDERS AND INSTALLATION

2stage Standard Mast

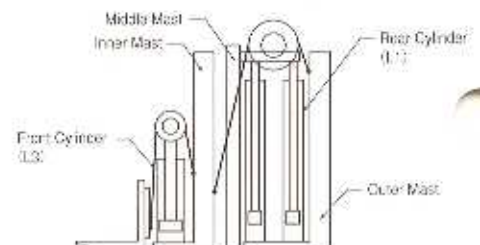


Maximum growth

3stage Full Free Mast

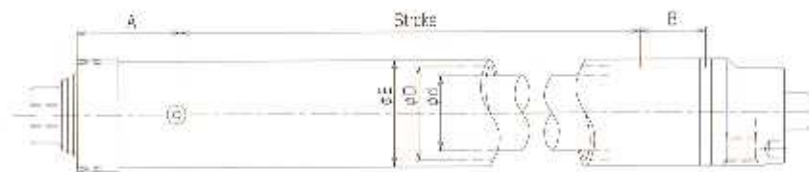


2stage Standard Mast



3stage Full Free Mast

### KCFL1 CYLINDER

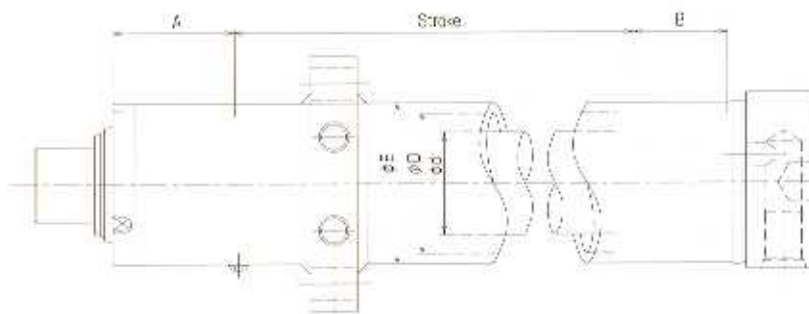


Unit:mm

A:Cylinder head  
B:Piston

D	d	E	A	B	Port screw	Stroke
45	35	52	55	35	PF3/8	1000~2500
50	40	57	55	35		
55	45	63	55	35	PF1/2	
65	50	73	60	35		

### KCFL3 CYLINDER



Unit:mm

A:Cylinder head  
B:Piston

D	d	E	A	B	Port screw	Stroke
65	50	77	60	40	PF1/2	650~1300
70	55	82	70	50	PF1/2	
75	55	86	65	50	PF1/2	
85	65	97	65	50	PF1/2	
90	65	105	65	50	※	
100	70	115	70	50	※	
105	75	121	70	50	※	
110	75	127	70	63	※	
125	80	142	70	63	※	

※ is corresponds each time

# CYLINDER KCFL SERIES

## MODEL INFORMATION

KCFL1 - 00 - 00 - 00

KCFL3

Stroke (mm)

Rod diameter (mm)

Bore size (mm)

Kayaba Cylinder particularly  
Designed for Forklift Truck

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