

叉车液压密封系统产品手册

Manual of Forklift Sealing System

commonly used size:

PLMR01	PU		PLMW03C	PU+Metal		PLMP01	PU		PLMP08D	PTFE+Rubber	
PLMR01	32X48X10		PLMW03C	32X52X8X11		PLMP01	56X45X7		PLMP08D	19X25X3	
PLMR01	35X45X8		PLMW03C	35X43X5X6.5		PLMP01	63X53X6		PLMP08D	51.5X60X3.8	
PLMR01	38X48X6		PLMW03C	38X46X5X6.5		PLMP01	70X60X6		PLMP08D	56X70X6.3	
PLMR01	40X50X8		PLMW03C	40X48X5X6.5		PLMP01	75X65X6		PLMP08D	61X75X6.3	
PLMR01	45X55X6		PLMW03C	45X53X5X6.5		PLMP01	80X70X6		PLMP08D	66X80X6.3	
PLMR01	50X60X8		PLMW03C	50X58X5X6.5		PLMP01	90X80X6		PLMP08D	86X100X6.3	
PLMR01	50X65X9		PLMW03C	55X63X5X6.5		PLMP01	100X85X9		PLMP08D	101X115X6.3	
PLMR01	55X70X10		PLMW03C	65X73X5X6.5		PLMP01	110X95X9		PLMP08D	111X125X6.3	
PLMR01	65X75X8		PLMW03C			PLMP01	115X100X9		PLMP08D	116X130X6.3	
						PLMP01	125X112X9				
						PLMP01	130X115X9				

* Please consult our company for more sizes



Professional manufacturer of engineered polymer products



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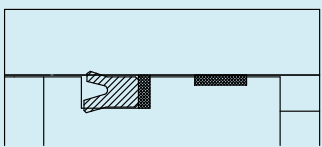
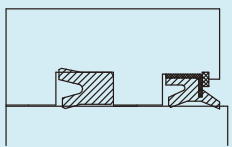
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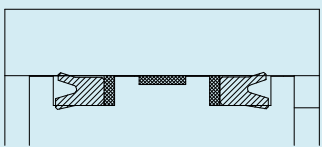
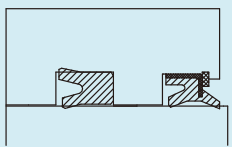
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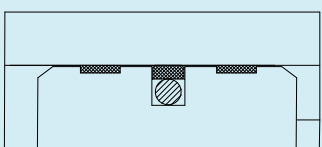
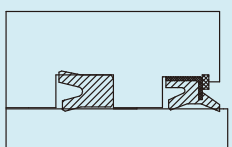
Forklift hydraulic cylinder sealing system solutions

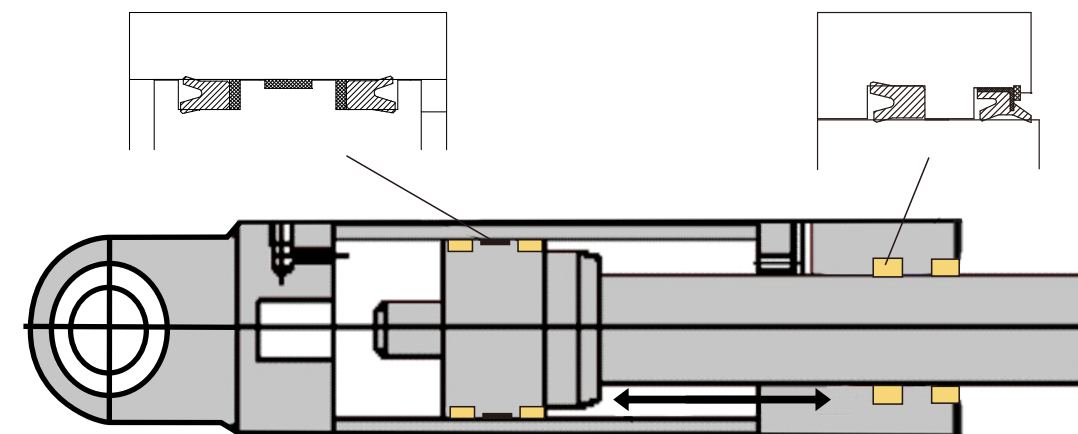


Introduction to sealing system

Position		Piston seal system	Piston rod seal system
Lift cylinder service conditions example •Pressure : 0 ~ 20.6MPa •Temperature : -30 ~ 100°C •Velocity : 200 ~ 300mm/s	One-way cylinder		

Position		Piston seal system	Piston rod seal system
Tilt cylinder service conditions example •Pressure : 0 ~ 20.6MPa •Temperature : -30 ~ 100°C •Velocity : 200 ~ 300mm/s	Double-acting cylinder		

Position		Piston seal system	Piston rod seal system
Steering cylinder service conditions example •Pressure : 0 ~ 20.6MPa •Temperature : -30 ~ 100°C •Velocity : 200 ~ 300mm/s	Double-acting cylinder		



Seal name	applicable model	Name of the materials	Operating temperature
Piston rod seal	 PLMR01	PLMRUBBER-N(NBR)	-30°C~100°C
	 PLMR01-S Pressure relief	PLMPUR(PU)	-30°C~110°C
scraper seal	 PLMW03C	PLMRUBBER-N(NBR)	-30°C~100°C
		PLMPUR(PU)	-30°C~110°C

Seal name	applicable model	Name of the materials	Operating temperature
Piston seal	 PLMP01	PLMRUBBER-N(NBR)	-30°C~100°C
	 PLMP01-S Pressure relief	PLMPUR(PU)	-30°C~110°C
	 PLMP08D	PLMFLON+BRONZE(PTFE+BRONZE)+PLMRUBBER-N(NBR)	-30°C~100°C
Guide ring	 PLMG01 PLMG03	Standard PLMTX(Phenolic resin sandwich cloth)	-55°C~120°C
		High strength PLMTPI (Polyimide)	-200°C~230°C
Back-up ring	 PLMB08	Standard PLMFLON+BRONZE(PTFE+BRONZE)	-55°C~220°C
		High strength PLMPA(PA)	-55°C~120°C

Pressure storage should be prevented when the seals are used back-to-back or in series. Therefore, please use seals with pressure relief function.