

注塑机液压密封系统产品手册

Manual of Injection Moulding Machine Sealing System



Professional manufacturer of engineered polymer products



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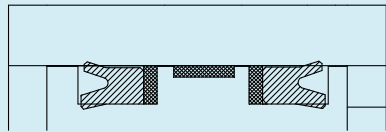
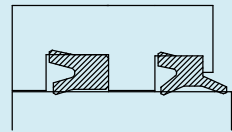
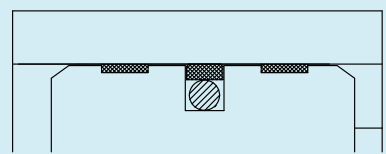
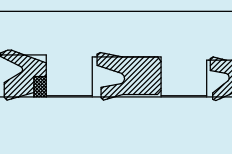
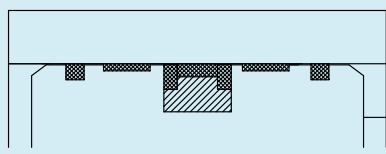
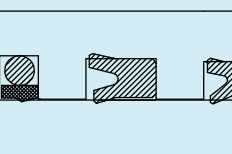
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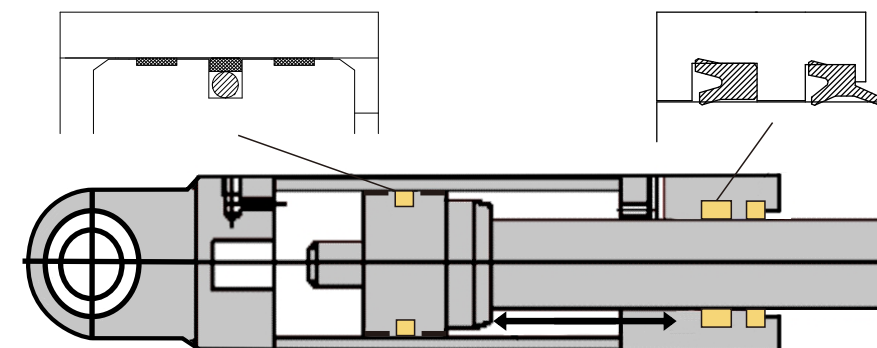
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Injection molding machine hydraulic cylinder sealing system solution



Position		Piston Seal system	Piston rod seal system
Mold locking cylinder Ejector cylinder Injection cylinder Mobile cylinde			
	Double-acting cylinder		
			
General conditions of use example •Pressure : 0 ~ 31.4MPa •Velocity : 0.2 ~ 0.7mm/s •Temperature : -30 ~ 100°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.



Seal name	applicable model	Name of the materials	Operating temperature
buffer ring	 PLMR02BS	PLMPUR(PU) PLMPA(PA)	-30°C~110°C
	 PLMR09S	PLMFLON+BRONZE(PTFE+BRONZE)+PLMRUBBER-N(NBR)	-30°C~100°C
Piston rod seal	 PLMR01	PLMRUBBER-N(NBR)	-30°C~100°C
	 PLMR01-S Pressure relief	PLMPUR(PU)	-30°C~110°C
scraper seal	 PLMW11	PLMRUBBER-N(NBR)	-30°C~100°C
		PLMPUR(PU)	-30°C~110°C
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)	-30°C~100°C
	 PLMP23LF	PLMRUBBER-N(NBR)	
waste discharge ring	 PLMBG	PLMPA(PA)	-30°C~100°C
	 PLMG01	PLMFLON+BRONZE(PTFE+BRONZE)	-55°C~220°C
	 PLMG03	PLMTX(Phenolic resin sandwich cloth)	-55°C~120°C
Back-up ring	 PLMB08	Standard	PLMTPI(Polyimide)
		High strength	-200°C~230°C
	 PLMB08	Standard	PLMFLON+BRONZE(PTFE+BRONZE)
		High strength	PLMPA(PA)