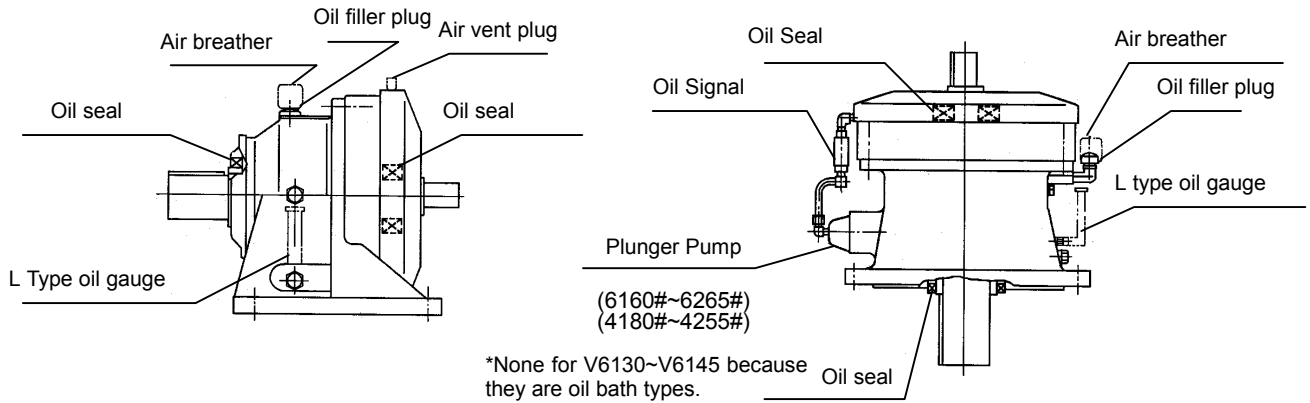


# Low and High Temperature Specifications

C-6066

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Allowable ambient temperature of standard Cyclo Drive is -20 to 40°C with few exceptional models (Note 2). Therefore, when using the machine in conditions exceeding this temperature, Cyclo should be modified for high or low temperature by making alteration to parts materials, lubricators used, etc. (plus, note that there are cases necessary to limit operation hours and load size). Moreover, when Cyclo is temporarily passing through the adverse temperature condition for export, no such consideration is necessary.



CHH6130~CHH6275  
CHH4130~CHH4275

CVV6130~CVV6265  
CVV4130~CVV4265

		Low temperature specifier (Note 1)		Standards										High temperature specifications (Note 2)			
Ambient Temperature °C		-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	100
Parts Name																	
Oil seal		Refer to other table.															
Eccentric body shaft bearing		Retainer material (Nylon or gun metal)															
		Retainer material (Gun metal)															
Oil gauge		L Type glass oil gauge (Copper pipe protection)				Vinyl chloride resin oil gauge (standard)						L Type glass Oil Gauge (Copper pipe protection)					
Air vent valve		Polyethylene air vent valve (Standard)										Air breather attached to filler opening and blind plug used for air vent valve					
Oil filler plug		Polyethylene air vent valve (standard)										Air breather					
Fan		Polypropylene fan (Standard 6160#~6195#, 4160#~4195#) *6060#~614H#, 4075#~4155# are without fan AL fan (Standard 6205 and above, 4205 and above)															
Oil signal		Polycarbonate oil signal (standard)										Metal framed heat resistant glass oil signal					
Pressure gauge for trochoid pump (Note 2)		Discuss individually				Standard trochoid pump (-5°C~40°C)						Heat resistant type oil gauge					
Trochoid pump (Note 2)		Discuss individually				Standard trochoid pump						Discuss individually					

Unavailable

Unavailable





**Low and High Temperature Specifications**

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Standard of High and Low Temperature Specification of Oil Seal  
(Cyclo, Variable Speed Cyclo, and Beier)

Ambient temperature		Cyclo Unit, variable speed Cyclo, motor for direct connection			Beier Unit and variable speed Beier	
		Grease lubrication type	Oil lubrication type			
		6060#~612H# 4075#~4125#	6130#~614H# 4130#~4155#	6160# and above 4160# and above		
High-temperature specification	90	Unavailable			X	
	80	Acrylic rubber	Acrylic rubber	Acrylic rubber		
	70					
	60	Nitrile rubber	Nitrile rubber	Nitrile rubber		Silicone Rubber
	50					
40						
Standard	30	Nitrile rubber	Nitrile rubber	Nitrile rubber	Nitrile rubber	
	20					
	10					
Low-temp specification	0	Silicone Rubber	Silicone Rubber	Silicone Rubber	Silicone Rubber	
	-10					
	-20					
	-30	Silicone Rubber	Silicone Rubber	Silicone Rubber	Silicone Rubber	
	-40					
	-50					
		Unavailable				

Note 1) Above document is for low and high temperature specification standard regarding oil seal.

Note 2) In high temperature range, silicone rubber oil seal is not applicable because swelling will be caused by extreme-pressure additive in lubricating oil or grease.  
However, there is no problem for application of straight oil.

