

Reducer Standard Specifications

Item		Standard Specification		
		Mounting	High Speed Shaft Speed	
Reducer	Lubrication Method	Horizontal Shaft	750 ~ 1800r/min	Oil bath lubrication In case of high speed shaft speed is less than 750r/min, electric pump lubrication may be used. Consult SUMITOMO for details.
		Vertical Shaft	400 ~ 1800r/min	Pump lubrication (Two different pump lubrication systems are available; shaft connected pump lubrication and electric pump lubrication. For details, refer to the outside dimension drawing.)
		Upright Shaft	750 ~ 1800r/min	Oil bath lubrication Grease lubrication for right angle input shaft.
	Lubricant	Refer to the page D-2.		
	Gear Type	Involute external gear		
Ambient Conditions	Installation Location	Indoor (Minimal dust and humidity)		
	Ambient Temperature	— 10°C ~ 40°C A cooling fan may provided depending on the usage (Note 1)		
	Ambient Humidity	Under 85%		
	Elevation	Under 1,000 meters		
	Atmosphere	Well ventilated location, free of corrosive gases, explosive gases, vapors and dust.		
Installation		Horizontal installation Refer to the page D-2		
Method of Coupling with Driven Machine		Coupling, gears, chain sprocket or belt.		
Painting		Surface preparation: Shot blasting after washing before machining Inside painting: UNI GROUND PTC primer is sprayed once Outside painting: For prime-coating, UNI GROUND PTC primer is sprayed once. For final coating, NEO ALKYS is sprayed once. Painting color: MANSEL 6.5PB 3.6/8.2, Refer to the page D-3.		

Note 1: In general, a heating or cooling system is necessary in case the ambient temperature is lower than -10°C or higher than +50°C.