

Rotary Cup Burner		SDR-1	SDR-1.5	SDR-2	SDR-2.5	SDR-350	SDR-500	SDR-700	SDR-1000 R-9	SDR-1500 R-15	R-25	R-40					
Rotary Cup Burner	Capacity kg/hr	45-100	50-150	50-200	50-250	50-350	50-500	70-700	100-1000	150-1500							
	Fuel Oil	Heavy oil Viscosity 700mm <sup>2</sup> /s at 50°C, MGO, MDO and Waste oil															
	Fuel Oil Pressure Mpa	0.15	0.3									0.4	0.4-0.5				
	Revolution RPM	6000				3000-8000				3000-8000							
	Rotary Cup Drive System	Motor Direct Drive System							Motor Direct Drive System								
									Belt Drive System								
	Aoutmatic Control System	ON/OFF Control		ON/OFF & HIGH/LOW Control			ON/OFF & Proportional Control										
	Ignition System	MGO/MDO Pilot Burner															
	Burner Motor	120W (DC24V)				250W (DC48V)				0.75kW × 2P							
									1.5kW × 2P		3.7kW × 2P						
Main Accessories	Wind Box (Secondary Ai Damper, Secondary Air Vane, Primary Air Duct, Peep Hole), Air Pressure Switch, Flame Eye, Pilot Burner for Ignition, Oil Control Valve, Control Motor and Linkage, Oil Pressure Gauge, Junction Box, Oil Flow Regulating Valve and Oil Flow Meter (Fro above SDR-350 Standard)																
Primary Air Blower	Type	Turbo Blower															
	Air Volume Nm <sup>3</sup>	1	2.3	4	4	6	8	11	17	24	40	68					
	Air Pressure kPa	9.8					7.8						8.8				
	Motor kW × P	Common use with Secondary Air Fan					3.7 × 2P		3.7 × 2P		5.5 × 2P		7.5 × 2P		11 × 2P		18.5 × 2P
Secondary Air Fan	Type	Turbo Fan and Blower (Primary & Secondary Air Fan motors are in Common use)					Turbo Fan										
	Air Volume Nm <sup>3</sup>	24	34	50	60	85	120	160	185-220	260-355	400-645	645-970					
	Air Pressure kPa	1.96	2.45			3.43	2.94	2.45-3.43	2.94-3.92	3.14-4.9	4.4-6.0	5.4-7.4					
	Motor kW × P	3.7 × 2P	5.5 × 2P	7.5 × 2P	7.5 × 2P	15 × 2P	15 × 2P	15 × 2P-18.5 × 2P	22 × 2P-30 × 2P	30 × 2P-55 × 4P	55 × 4P-110 × 4P	110 × 4P-175 × 4P					
Diesel Oil Pump for Ignition Burner	Type	Trochoid Gear Pump (MDO, MGO)															
	Type No	GFH-V3L					GFH-V5L										
	Capacity kg/hr	100					170										
	Pressure Mpa	0.7															
	Revolution RPM	3600															
	Motor kW × P	0.4 × 2P															
Heavy Oil Pump	Type	Trochoid Gear Pump (HFO, MDO, MGO)															
	Type No	TOP-210-OS				TOP-216-OS			FTP-N320H		FTP-N340H		FTP-N350H				
	Capacity kg/hr	600				1000			1400		2300		4500		6000		
	Pressure Mpa	0.5				0.5			0.5		0.6		0.6				
	Revolution RPM	1200				1200			1800		1800		1800				
	Motor kW × P	0.4 × 6P				0.75 × 6P			0.75 × 4P		2.2 × 4P		3.7 × 4P				
Heavy Oil Heater	Type	Electric Heater					Steam Heater										
	Specification	Sheath Heater					Steam Coil										
	Heating Capacity	Inlet Temperature 60 deg C-Outlet Temperature 130 deg C (70 deg C up) Heating capacity may be changed by oil specification															
	Electric Capacity kWh	3~12															
	Steam Capacity kg/hr						abt 26-250										
	Steam Pressure						Saturated Steam										
For Waste Oil Combustion Type (Option)	Combustion System	2 modes : FO & WO				3 modes : FO, WO & FO/WO mixing											
	Main Accessories	Pump, Electric Auto Cleaner, Press. Cont. Valve, FO/WO Change Over 3way Valve (SDR-1-2.5), Oil Flow Meter (SDR-350-1500, R-9-40)															
	Pump Type	Trochoidal Gear Pump TOP-210-OS Type 600kg/hr × 0.5MPa 0.4kW × 6P									TOP-216-OSType 1000kg/hr × 0.75MPa 0.75kW × 6P						