

二阶段发电机组用柴油机系列
Stage II Gen-set diesel engine series



4DX系列 4DX SERIES

4DX发动机技术参数/Engine Technical Data

柴油机型号/Engine model	4DX21-45D	4DX22-50D	4DX23-65D
型式/Type	直列, 水冷, 四冲程/In-line, water cooling, 4-stroke		
气缸数量/Number of cylinders	4		
进气方式/Air intake type	自然吸气/Natural	增压/Turbocharged	增压中冷/Turbo&intercool
调速方式/Governor mode	机械或电子/Mechanical or electronic		
缸径×冲程/Bore×Stroke (mm)	102×118		
压缩比/Compression ratio	17:1		
额定转速/Rated speed (rpm)	1500		
排量/Displacement (L)	3.86		
额定功率/Rated power (kW)	33	37	48
风扇功耗/Fan power consumption (kW)	2	2.5	3
油耗/Fuel consumption (g/kWh)	230	220	215
稳态调速率/Steady state speed regulation (%)	≤5		
排放/Emission compliant	Stage II		
	SAE 3		
飞轮壳接口/The flywheel shell interface	用于11.5"柔性连接钢片的飞轮 Flywheel for 11.5" flexible coupling		
干重基型/Dry weight of base configuration(kg)	320	330	
干重标准/Dry weight of standard configuration(kg)	380	395	445
外型尺寸(基本配置)/Overall dimension(base)mm	810×680×800		810×700×850
外型尺寸(标准配置)/Overall dimension (standard) mm	1155×680×835		1245×730×900
基本配置/Base configuration ★发动机(含风扇、水温、油压、转速传感器) Engine(including fan,water temperature sensor, oil pressure sensor,speed sensor) ★启动电动机/ Starter motor 4.5kW 24V ★充电发电机/Alternator 35A 28V	标准配置(在基本配置基础上另加) Standard configuration(add on the base) ★进排气系统: 空气滤清器及连接管路, 排气管连接法兰。 Intake and exhaust system: Air filter and connecting pipes,connecting flange of exhaust pipe. ★冷却系统: 散热器(根据机罩型号配置)及各连接管路, 风扇及皮带轮保护罩。 Cooling system:Radiator with connecting pipes, fan guard, belt guard.		

