

CPGC-S.E.M.T.Pielstick系列四冲程推进主机

CPGC - S.E.M.T.Pielstick Four-stroke Propulsion Engines



发动机型号说明 Engine type designation

16 PA6B V STC

版本

STC-相继增压系统

MPC-模块式脉冲转换增压系统

N-根据核电法律法规要求订制的机型

Version

TC type:STC-Sequential Turbo Charging;

MPC-Modular Pulse Converter

N-Define for Nuclear Emergency Genset

结构:V-气缸v型排列;L-气缸直列排列

Structure:V-V type;L-Line type

柴油机系列号:

PA6、PA6B;PC2-6、PC2-6B

Series:PA6、PA6B;PC2-6、PC2-6B

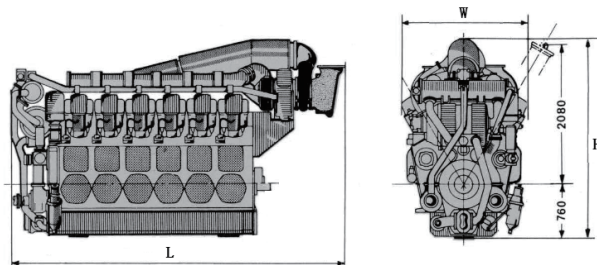
气缸数

Cylinder Number

S.E.M.T Pielstick PA6STC

缸径 Cylinder Bore	280 mm
冲程 Stroke	290 mm
单缸功率 Power per Cylinder (MCR)	324 kW/cyl
平均有效压力 MEP (MCR)	2.074 Mpa
转速 Speed (MCR)	1050 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	207 g/kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	2.3 g/kWh
排放等级 NOx Emission	Tier I

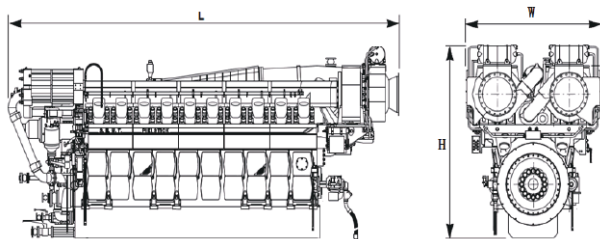
机型 Engine Type	额定功率 MCR	尺寸Dimensions (长L×宽W×高H)	干重 Dry Mass
12PA6STC	3888 KW	4991×2196×2994 mm	24.0 t
16PA6STC	5184 KW	6163×2196×2994 mm	33.3 t



○ S.E.M.T Pielstick PA6BSTC

缸径 Cylinder Bore	280 mm
冲程 Stroke	330 mm
单缸功率 Power per Cylinder (MCR)	405 kW/cyl
平均有效压力 MEP (MCR)	2.28 Mpa
转速 Speed (MCR)	1050 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	205 g/kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	0.91 g/kWh
排放等级 NOx Emission	Tier II

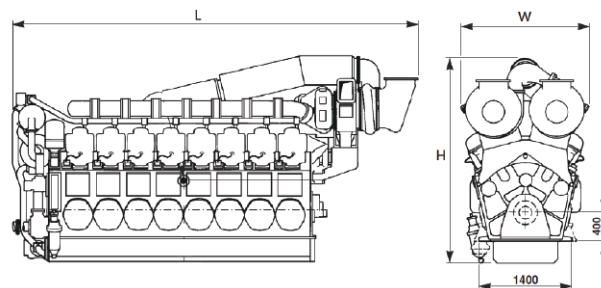
机型 Engine Type	额定功率 MCR	尺寸Dimensions (长L×宽W×高H)	干重 Dry Mass
12PA6BSTC	4860 kW	5830×2340×3124 mm	31 t
16PA6BSTC	6480 kW	6780×2340×3124 mm	37 t
20PA6BSTC	8100 kW	7960×2640×3166 mm	46 t



○ S.E.M.T Pielstick PA6MPC

缸径 Cylinder Bore	280 mm
冲程 Stroke	290 mm
单缸功率 Power per Cylinder (MCR)	295 kW/cyl
平均有效压力 MEP (MCR)	1.98 Mpa
转速 Speed (MCR)	1000 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	216 g/kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	1.36 g/kWh
排放等级 NOx Emission	

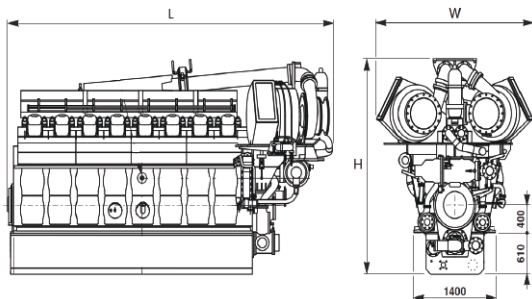
机型 Engine Type	额定功率 MCR	尺寸Dimensions (长L×宽W×高H)	干重 Dry Mass
12PA6MPC	3540 kW	4885×1780×2941 mm	22 t
16PA6MPC	4720 kW	6180×1960×3023 mm	33 t
18PA6MPC	5310 kW	6640×1960×3023 mm	37 t
20PA6MPC	5900 kW	7100×1960×3023 mm	42 t



○ S.E.M.T Pielstick PA6BMPC

缸径 Cylinder Bore	280 mm
冲程 Stroke	330 mm
单缸功率 Power per Cylinder (MCR)	370 kW/cyl
平均有效压力 MEP (MCR)	2.185 Mpa
转速 Speed (MCR)	1000 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	199 g/kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	0.91 g/kWh
排放等级 NOx Emission	Tier II

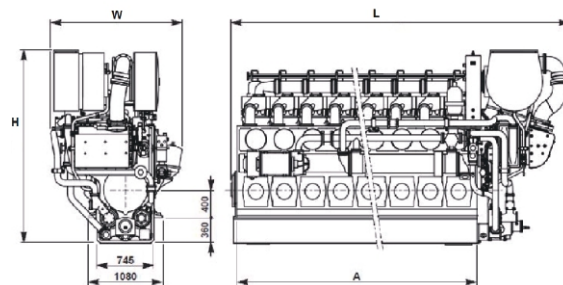
机型 Engine Type	额定功率 MCR	尺寸 Dimensions (长L×宽W×高H)	干重 Dry Mass
12PA6BMPC	4440 kW	4692×2150×2975 mm	25 t
16PA6BMPC	5920 kW	5393×2686×3140 mm	32 t
20PA6BMPC	7400 kW	6495×2550×3417 mm	37.5 t



○ S.E.M.T Pielstick PA6LN

缸径 Cylinder Bore	280 mm
冲程 Stroke	290 mm
单缸功率 Power per Cylinder (MCR)	295 kW/cyl
平均有效压力 MEP (MCR)	1.982 Mpa
转速 Speed (MCR)	1000 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	212 g/kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	2.5 g/kWh
排放等级 NOx Emission	

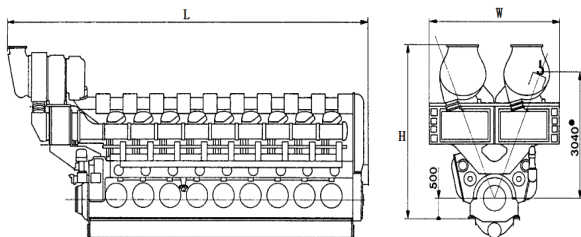
机型 Engine Type	额定功率 MCR	尺寸 Dimensions (长L×宽W×高H)	干重 Dry Mass
6PA6LN	1770 KW	3935×1944×2740 mm	14.5 t
9PA6LN	2655 KW	4940×1944×2750 mm	21.5 t



○ S.E.M.T Pielstick PC2-6

缸径 Cylinder Bore	400 mm
冲程 Stroke	460 mm
单缸功率 Power per Cylinder (MCR)	550 kW/cyl
平均有效压力 MEP (MCR)	2.196 Mpa
转速 Speed (MCR)	520 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	191 g/kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	1.0 g/kWh
排放等级 NOx Emission	

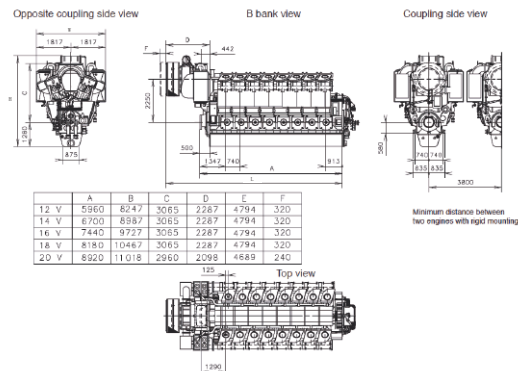
缸数 Cylinder No.	额定功率 MCR	尺寸Dimensions (长L×宽W×高H)	干重 Dry Mass
10PC2-6	5500 kW	6080×3360×3702 mm	68 t
12PC2-6	6600 kW	7360×3360×4490 mm	80 t
14PC2-6	7700 kW	8100×3360×4490 mm	90 t
16PC2-6	8800 kW	8840×3360×4490 mm	100 t
18PC2-6	9900 kW	10185×3700×4892 mm	110 t



○ S.E.M.T Pielstick PC2-6B

缸径 Cylinder Bore	400 mm
冲程 Stroke	500 mm
单缸功率 Power per Cylinder (MCR)	750 kW/cyl
平均有效压力 MEP (MCR)	2.39 Mpa
转速 Speed (MCR)	600 r/min
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	188 g/ kWh (propulsion) 179 g/ kWh (genset)
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	0.7 g/kWh
排放等级 NOx Emission	Tier II

缸数 Cylinder No.	额定功率 MCR	尺寸Dimensions (长L×宽W×高H)	干重 Dry Mass
12PC2-6B	9000 kW	9100×3780×4800 mm	94 t
14PC2-6B	10500 kW	9840×3780×4800 mm	104 t
16PC2-6B	12000 kW	10580×3780×4800 mm	114 t



○ S.E.M.T Pielstick PC2-6BN

缸径 Cylinder Bore	400mm
冲程 Stroke	500mm
单缸功率 Power per Cylinder (MCR)	720-750kW/cyl
平均有效压力 MEP (MCR)	2400kPa
转速 Speed (MCR)	600rpm
燃油消耗率 Fuel Oil Consumption (ISO condition/MCR)	205g/ kWh
滑油消耗率 Lube Oil Consumption (ISO condition/MCR)	0.3-0.6kg/cyl-h
排放等级 NOx Emission	Tier II

缸数 Cylinder No.	额定功率 MCR	尺寸 Dimensions (长L×宽W×高H)
12PC2-6BN	8640 kW	7850*3715*3900 mm
14PC2-6BN	10500 kW	8590*3715*3900 mm
16PC2-6BN	12000 kW	9550*4075*4000 mm

