



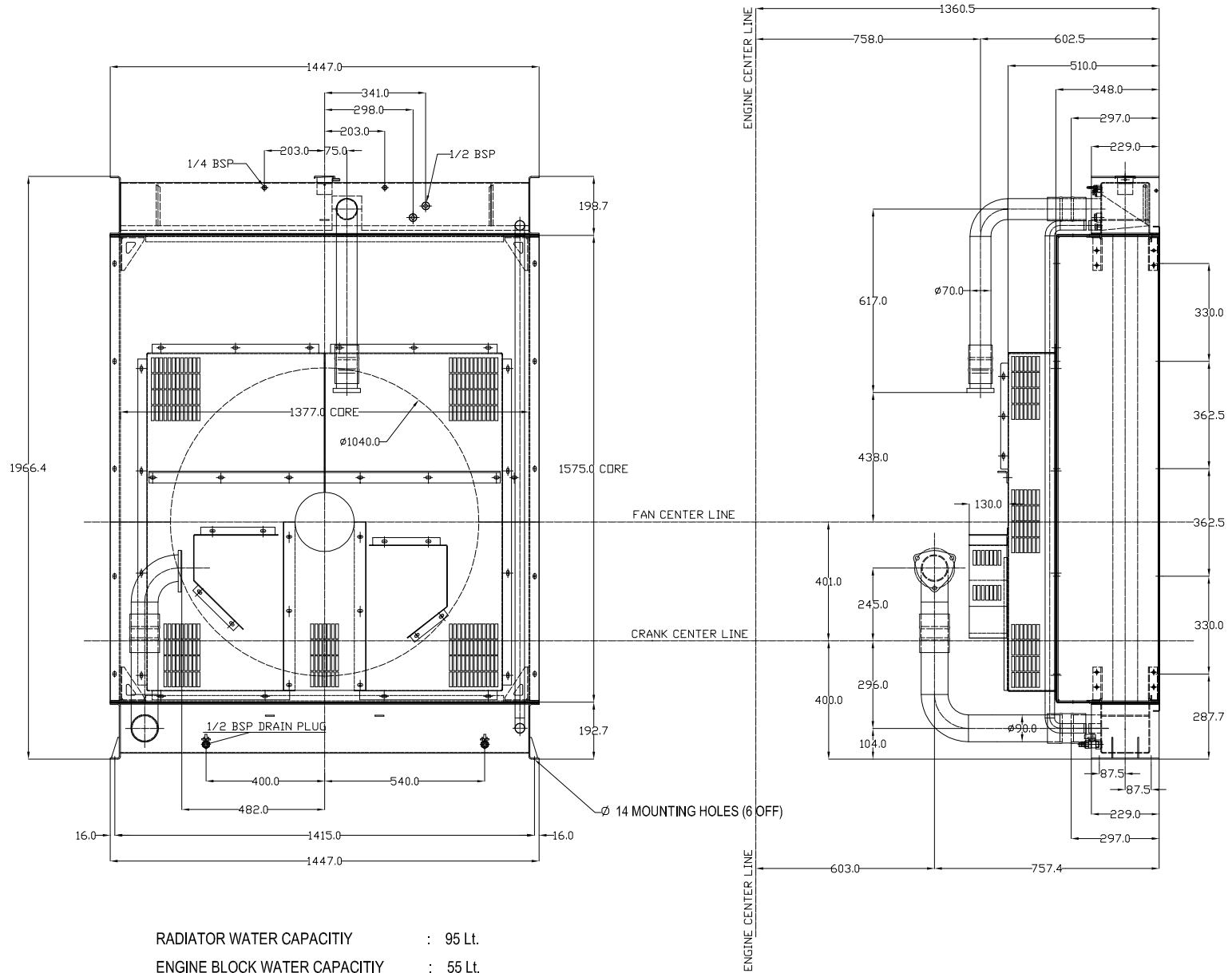
mitsubishi S6R2-PTA

Click on the headlines below to get redirected to the respective sections in this document.

[Radiator drawing](#)
[Technical data](#)
[Elastic data](#)
[Mechanical Noize data](#)
[Fuel consumption](#)

828 602 DLU

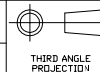
WORKING PRESSURE 10 PSI
TESTING PRESSURE 15 PSI



RADIATOR WATER CAPACITY : 95 Lt.
ENGINE BLOCK WATER CAPACITY : 55 Lt.
TOTAL SYSTEM WATER CAPACITY : 150 Lt.

%70 PURE WATER (WITHOUT LIME) AND %30 ANTIFREEZE MUST BE USED IN THE SYSTEM.

ASSEMBLY TOLERANCES		ISSUE	A	ENGINE MODEL	MITSUBISHI S6R PTA 50°C	
UP TO 120	$\pm 0,8$			TITLE	GENERAL ASSEMBLY	
120 TO 300	$\pm 1,2$			NAME	DATE	SIGNATURE
300 TO 500	$\pm 1,5$				27.03.2007	
500 TO 1000	± 2	DRAWN BY			27.03.2007	
ABOVE 1000	$\pm 2,5$	CHECKED BY			27.03.2007	
ANGULAR	$\pm 0,25$	APPROVED				



PART NO

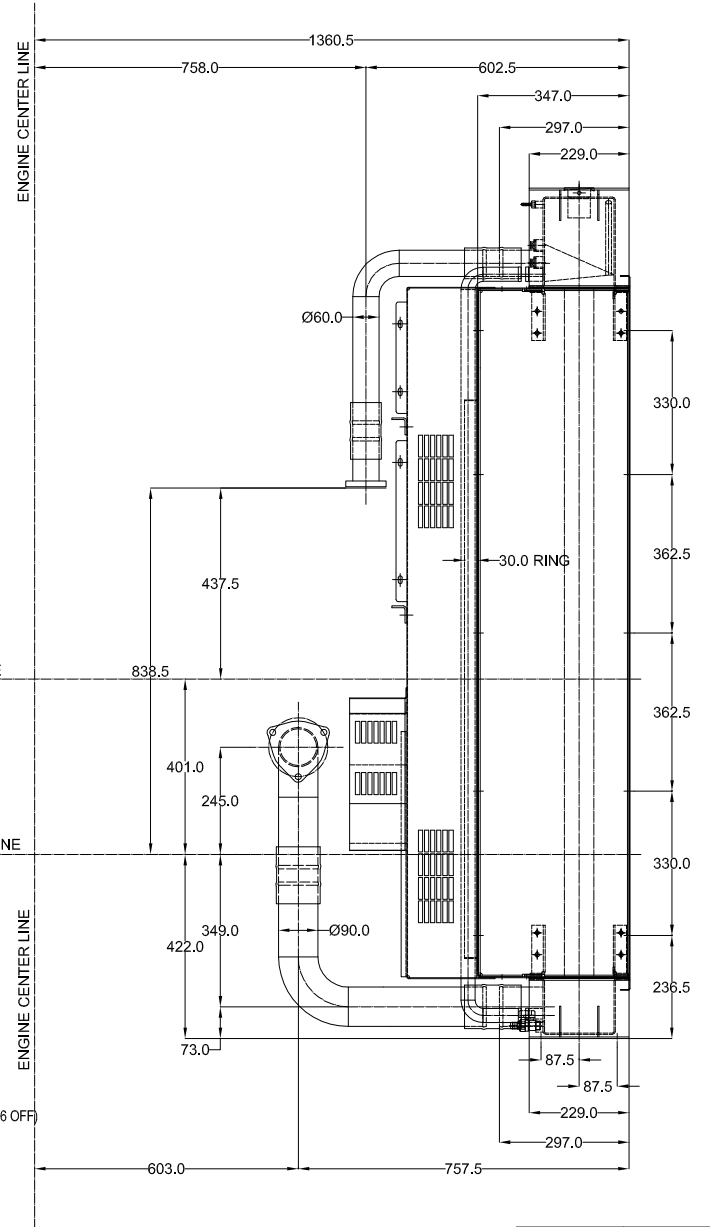
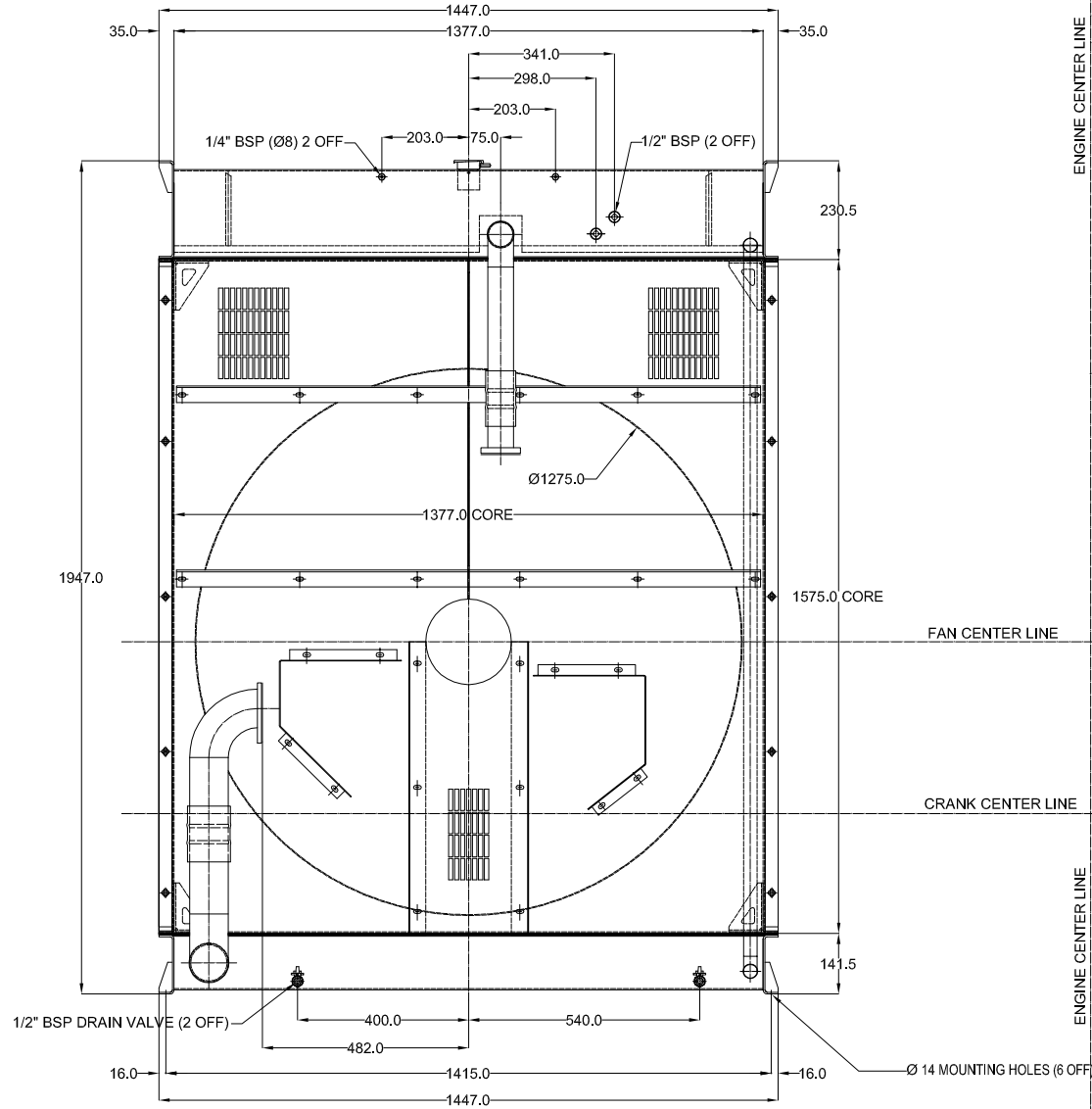
828 602 DLU

DRAWING NO

NO	PART	QTY	SPEC	DESCRIPTION	SETTER	DATE	DESCRIPTION	DRAWN BY	APPROVED BY
1	---	---	---	---	---	---	---	---	---

828 858 ELM

WORKING PRESSURE 10 PSI
TESTING PRESSURE 15 PSI



- RADIATOR COOLANT CAPACITY : 56 Lt.
- EXPANSION TANK VOLUME : 40 Lt.
- EXPANSION TANK COOLANT CAPACITY : 30 Lt.
- ENGINE BLOCK COOLANT CAPACITY : 55 Lt.
- TOTAL SYSTEM COOLANT CAPACITY : 141 Lt.

%70 PURE WATER (WITHOUT LIME) AND %30 ANTIFREEZE MUST BE USED IN THE SYSTEM.

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© BU ÇİZİMİN TÜM TELİF HAKKI PANOTO RADYATÖR'E AITTİR. YAZILI İZİN OLMASIZIN ÇOĞALTILAMAZ VE ÜÇÜNCÜ SAHİSLARA VERİLEMEZ.

FAN	Ø1250 8-8 / 30° PPG / 6WR	50 Hz.	AIR ON 55°C
		60 Hz.	AIR ON 55°C

ASSEMBLY TOLERANCES		ISSUE SCALE	ENGINE MODEL	MITSUBISHI S6R PTA		THIRD ANGLE PROJECTION	PART NO	DRAWING NO
UP TO 120	±0,8	A		TITLE	50Hz. - 60Hz. RADIATOR			
120 TO 300	±1,2			NAME				
300 TO 500	±1,5			DATE	03.11.2011			
500 TO 1000	±2		DRAWN BY	SIGNATURE	03.11.2011			
ABOVE 1000	±2,5		CHECKED BY		03.11.2011			
ANGULAR	±0,25°		APPROVED		03.11.2011			

NO	PART	QTY	SPEC	DESCRIPTIONS	LETTER	DATE	DESCRIPTION	DRAWN BY	APPROVED BY
1	---	---	---	---	---	---	---	---	---



828 858 ELM



**MITSUBISHI DIESEL ENGINE
TECHNICAL INFORMATION**

ITEM NO.

T0217-0001E Rev.2 (1/4)

DATE

February, 2014

Specification Sheets of S6R2-PTA Engine

Specification Sheets of S6R2-PTA Engine are enclosed herein.

Revision	First Edition : September, 2007 (T13-0308-E Jun.99)	Engine Engineering Department High Speed Engine Designing Section		
	Rev.1 : Mar., 2013			
	Rev.2 : Feb., 2014	Approved by	Checked by	Drawn by

GENERAL ENGINE DATA

Type	4-Cycle, Water Cooled
Aspiration	Turbo-Charged, After Cooler (Jacket water to Cooler)
Cylinder Arrangement	Inline
No. of Cylinders	6
Bore mm(in.)	170 (6.69)
Stroke mm(in.)	220 (8.66)
Displacement liter(in ³)	29.96 (1828)
Compression Ratio	14.0:1
Dry Weight - Engine only - kg(lb)	2900 (6395)
Wet Weight - Engine only - kg(lb)	3045 (6714)

PERFORMANCE DATA

Steady State Speed Stability Band at any Constant Load

Hydraulic (std.) or Electric Governor - %	±0.25 or better
Maximum Overspeed Capacity - rpm	1750
Moment of inertia of Rotating Components - kgf·m ² (lbf·ft ²) (Includes Std. Flywheel)	41.74 (991)
Cyclic Speed Variation with Flywheel at 1500rpm	1/103
1200rpm	1/65
1000rpm	1/47

ENGINE MOUNTING

Maximum Bending Moment at Rear Face of Flywheel Housing - kgf·m(lbf·ft)	200 (1447)
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AIR INLET SYSTEM

Maximum Intake Air Restriction (Includes piping)

With Clean Filter Element - mm H ₂ O (in. H ₂ O)	400 (15.7)
With Dirty Filter Element - mm H ₂ O (in. H ₂ O)	635 (25.0)

EXHAUST SYSTEM

Maximum Allowable Back Pressure - mm H ₂ O (in. H ₂ O)	600 (23.6)
--	------------

LUBRICATION SYSTEM

Oil Pressure at Idle - kgf/cm ² (psi)	2~3 (29~43)
at Rate Speed - kgf/cm ² (psi)	5~6.5 (71~93)
Maximum Oil Temperature - °C(°F)	110 (230)
Oil Capacity of Standard Pan High - liter (U.S. gal)	80 (21.1)
Low - liter (U.S. gal)	50 (13.2)
Total System Capacity (Includes Oil Filter) - liter (U.S. gal)	100 (26.4)
Maximum Angle of Installation (Std. Pan) Front Down	11.5°
(Engine Only) Front Up	10°
Side to Side	22.5°

COOLING SYSTEM

Coolant Capacity (Engine only) - liter (U.S. gal)	55 (14.5)
Maximum External Friction Head at Engine Outlet - kgf/cm ² (psi)	0.35 (5.0)
Maximum Static Head of Coolant above Crankshaft Center - m(ft)	10 (32.8)
Maximum Outlet Pressure of Engine Water Pump - kgf/cm ² (psi)	2 (28.6)
Standard Thermostat (modulating) Range - °C(°F)	71~85 (160~185)
Maximum Coolant Temperature at Engine Outlet - °C(°F)	98 (208)
Minimum Coolant Expansion Space - % of System Capacity	10
Maximum Coolant Temperature at Intercooler Inlet, TK type - °C(°F)	
Maximum Air Restriction on Discharge Side of Radiator and Fan - mm H ₂ O (in. H ₂ O)	10 (0.4)

The specifications are subject to change without notice.

APPLICATION : GENERATOR

Pub. No. T0217-0001E Rev.2 2/4

FUEL SYSTEM

Fuel Injector	Mitsubishi PS6 × 1
Maximum Suction Head of Feed Pump - mm Hg (in. Hg)	75 (3.0)
Maximum Static Head of Return & Leak Pipe - mm Hg (in.Hg)	150 (5.9)

STARTING SYSTEM

Battery Charging Alternator - V-Ah	24-30
Starting Motor Capacity - V -kW	24-7.5
Maximum Allowable Resistance of Cranking Circuit - m Ω	2.5
Recommended Minimum Battery Capacity	
At 5°C(41°F) and above - Ah	200
Below 5°C(41°F) through - 5°C(23°F)	500

The specifications are subject to change without notice.

APPLICATION : GENERATOR

Pub. No. T0217-0001E Rev.2 3/4

S6R2-PTA

SPECIFICATION SHEET

ENGINE RATING

All data represent net performance with standard accessories such as air cleaner, inlet /exhaust manifolds, fuel oil system, L.O. pump, etc. under the condition of 100kPa(29.6inHg) barometric pressure, 77°F(25°C) ambient temperature and 30% relative humidity.

ITEM	UNIT	STAND-BY POWER			PRIME POWER			CONTINUOUS C		CONTINUOUS D	
		50Hz	60Hz	50Hz	50Hz	60Hz	50Hz	50Hz	60Hz	50Hz	60Hz
Engine Speed	rpm	1500	1200	1000	1500	1200	1000	1500	1200	1500	1200
No. of Cylinders		6									
Bore	mm (in.)	170 (6.69)									
Stroke	mm (in.)	220 (8.66)									
Displacement	liter (in. ³)	29.96 (1828)									
Brake Horse power without Fan	HP (kW)	878 (655)	717 (535)	576 (430)	798 (595)	650 (485)	523 (390)	690 (515)	570 (425)	610 (455)	503 (375)
Brake Mean Effective Pressure without Fan	kgf/cm ² (psi)	17.8 (253)	18.2 (259)	17.5 (249)	16.2 (230)	16.5 (235)	15.9 (226)	14.0 (199)	14.5 (206)	12.4 (176)	12.8 (182)
Mean Piston Speed	m/s (ft/min)	11.0 (2165)	8.8 (1732)	7.3 (1437)	11.0 (2165)	8.8 (1732)	7.3 (1437)	11.0 (2165)	8.8 (1732)	11.0 (2165)	8.8 (1732)
Maximum Regenerative Power Absorption Capacity without Fan	HP (kW)	86 (64)	59 (44)	44 (33)	86 (64)	59 (44)	44 (33)	86 (64)	59 (44)	86 (64)	59 (44)
Intake Air flow	m ³ /min (CFM)	52 (1836)	41 (1448)	34 (1201)	47 (1660)	37 (1306)	31 (1095)	41 (1448)	33 (1165)	37 (1306)	30 (1059)
Exhaust Gas Flow	m ³ /min (CFM)	137 (4837)	109 (3849)	90 (3178)	125 (4414)	99 (3496)	82 (2895)	110 (3884)	88 (3107)	98 (3460)	78 (2754)
Coolant Flow	liter/min (U.S. GPM)	670 (177)	540 (143)	450 (119)	670 (177)	540 (143)	450 (119)	670 (177)	540 (143)	670 (177)	540 (143)
Coolant Flow to Intercooler (TK only)	liter/min (U.S. GPM)	—	—	—	—	—	—	—	—	—	—
Cooling Air Flow (Std. Fan)	m ³ /min (CFM)	720 (25423)	582 (20550)	444 (15678)	720 (25423)	582 (20550)	444 (15678)	720 (25423)	582 (20550)	720 (25423)	582 (20550)
Fan Loss Horse Power (Std. Fan)	HP (kW)	27 (20)	20 (15)	14 (10)	27 (20)	20 (15)	14 (10)	27 (20)	20 (15)	27 (20)	20 (15)
Radiated Heat to Ambient	kcal/hr (BTU/min)	38957 (2577)	31155 (2061)	25557 (1690)	35651 (2358)	28244 (1868)	23206 (1535)	31249 (2067)	25116 (1661)	27999 (1852)	22318 (1476)
Heat Rejection to Coolant	kcal/hr (BTU/min)	324641 (21471)	259626 (17171)	212976 (14086)	297095 (19649)	235365 (15567)	193379 (12790)	260406 (17223)	209304 (13843)	233325 (15432)	185984 (12301)
Heat Rejection to Inter Cooler (TK Version)	kcal/hr (BTU/min)	—	—	—	—	—	—	—	—	—	—
Heat Rejection to Exhaust	kcal/hr (BTU/min)	371786 (24589)	287814 (19036)	243905 (16132)	343771 (22737)	260919 (17257)	221462 (14647)	307380 (20330)	237178 (15687)	280701 (18565)	212993 (14087)
Noise Level (1 m height & distance) (excludes, Intake,Exhaust & Fan)	dB(A)	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

The specifications are subject to change without notice.

APPLICATION : GENERATOR

Pub. No. T0217-0001E Rev.2 4/4



**MITSUBISHI DIESEL ENGINE
TECHNICAL INFORMATION**

ITEM NO.

T0307-0006E (1/2)

DATE

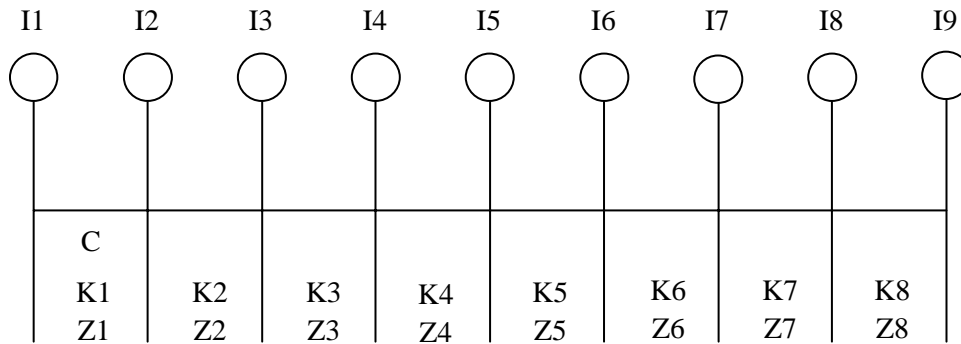
July, 2006

Elastic data of S6R2 Engine

Elastic data of S6R2 Engine are enclosed herein.

Revision	First Edition : July, 2006 (Refer to ELASTIC-S6R2-PTA Oct.,2003, S6R2.0)	Engine Engineering Department Large Engine Design Section		
		Approved by	Checked by	Drawn by



S6R2-PTA ELASTIC DATA

	Moment of inertia J kg.m ²	Damping coefficient Nm/rad/s	Spring const. x10 ⁷ Nm/rad	Tensile strength N/mm ²	Section modulus cm ³
I1	DAMPER	1.11	C=524.7	K1=0	Z1 =0.0
I2	PULLEY	0.952	—	K2=1.196	Z2 =373.7
I3	No.1 CRANK	0.810	—	K3=0.763	Z3 =373.7
I4	No.2 CRANK	0.480	—	K4=0.763	Z4 =373.7
I5	No.3 CRANK	0.800	—	K5=0.763	Z5 =373.7
I6	No.4 CRANK	0.800	—	K6=0.763	Z6 =373.7
I7	No.5 CRANK	0.480	—	K7=0.763	Z7 =373.7
I8	No.6 CRANK	0.810	—	K8=1.216	Z8 =373.7
I9	FLYWHEEL 18in	5.59	—		

Hysteresis constant:177 No. of Cylinder: 6 Bore:170mm Stroke:220mm

Length of Con-Rod: 400mm Weight of Reciprocating Parts:12.87 kg

Firing order:1-5-3-6-2-4

Firing interval:0-120-240-360-480-600

APPLICATION : LAND USE

The data is subject to change without notice.



MITSUBISHI HEAVY INDUSTRIES, LTD.
GENERAL MACHINERY & SPECIAL VEHICLE



**MITSUBISHI DIESEL ENGINE
TECHNICAL INFORMATION**

ITEM NO.

T0404-0006E (1/2)

DATE

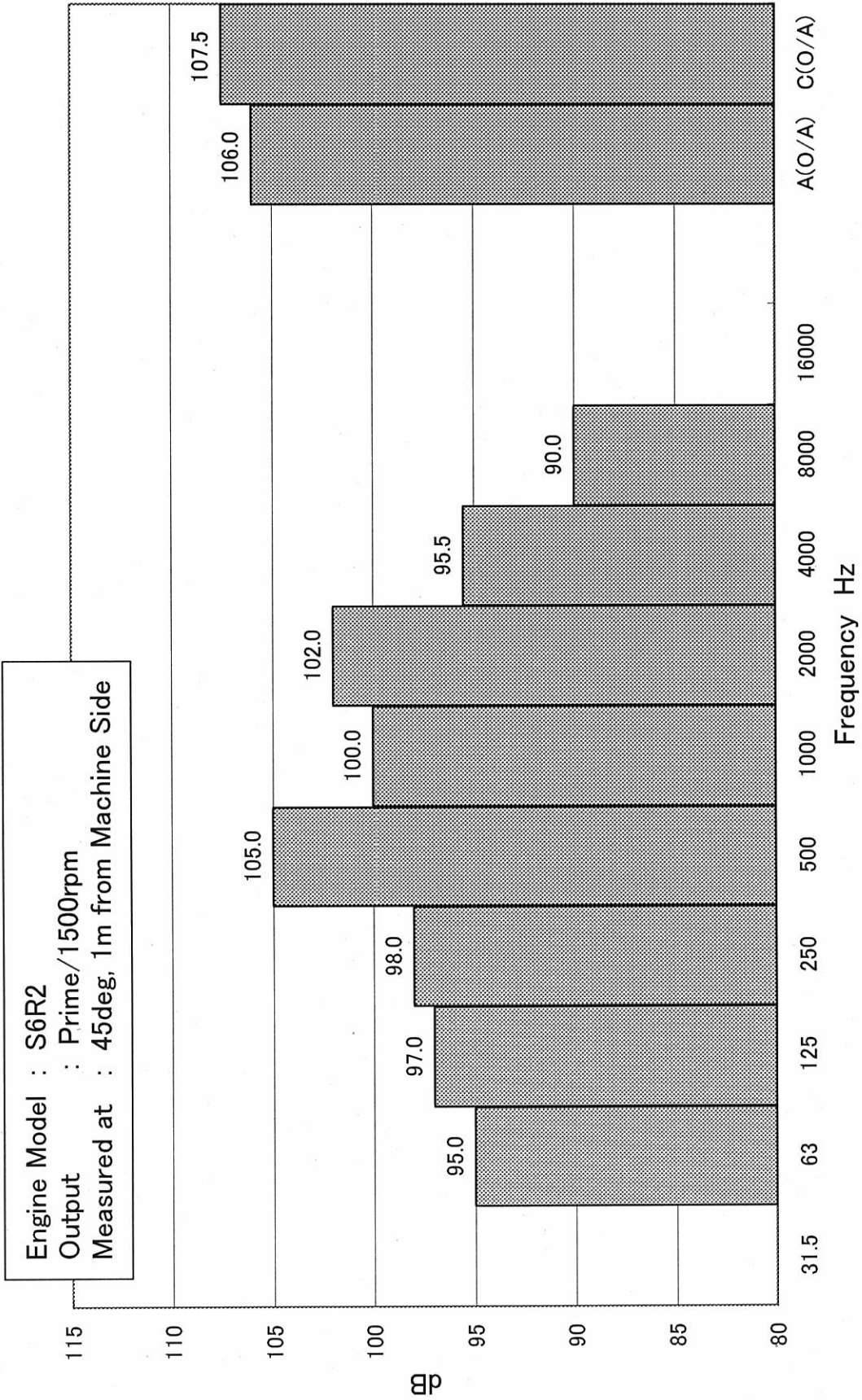
Sep., 2006

Mechanical Noize Data of S6R2

Mechanical Noize Data of S6R2 is enclosed herein.

Revision	First Edition : Sep.,2006	Engine Engineering Department Large Engine Design Section		
		Approved by	Checked by	Drawn by

Mechanical Noise Analysis





**MITSUBISHI DIESEL ENGINE
TECHNICAL INFORMATION**

ITEM NO.

T33-0100-E

DATE

Jun. 1999

FUEL CONSUMPTION

(SB, SA, SH, SR SERIES ENGINES FOR GENERATOR DRIVE)

ENGINE MODEL	ENGINE rpm	REMARKS
S6B-PTA, PTK	1500	W/Fan, W/O Fan
	1800	
S6B3-PTA, PTK	1200	W/Fan, W/O Fan
	1500	
S6A3-PTA, PTK	1200	W/Fan, W/O Fan
	1500	
S12A2-PTA, PTK	1200	W/Fan, W/O Fan
	1500	
S12H-PTA	1500	W/Fan, W/O Fan
	1800	
S6R-PTA, PTK	1200	W/Fan, W/O Fan
	1500	
S6R2-PTA, PTK	1000	W/Fan, W/O Fan
	1200	
S12R-PTA, PTK	1200	W/Fan, W/O Fan
	1500	
S12R-PTA2, PTK2	1500	W/Fan, W/O Fan
	1800	
S16R-PTA, PTK	1200	W/Fan, W/O Fan
	1500	
S16R-PTA2, PTK2	1500	W/Fan, W/O Fan
	1800	
S6A3-PTAA	1500	W/Fan
	1800	
S6R2-PTAA	1500	W/Fan
S12R-PTAA2	1500	W/Fan
	1800	
S16R-PTAA2	1500	W/Fan
	1800	

First Edition : Jun. 1999

Engine Engineering Department
Large Engine Design Section

Revision

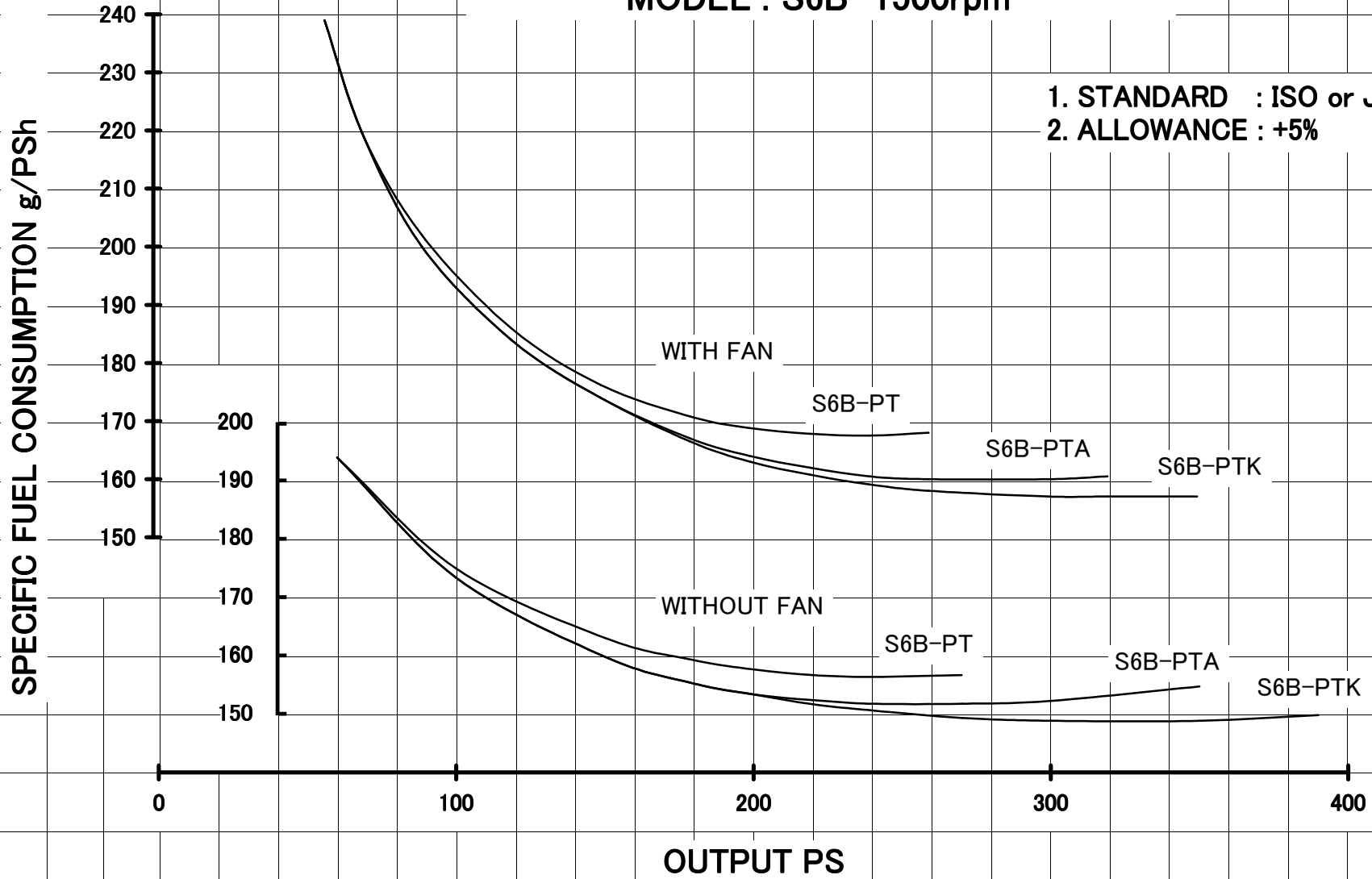
Approved by

Checked by

Drawn by

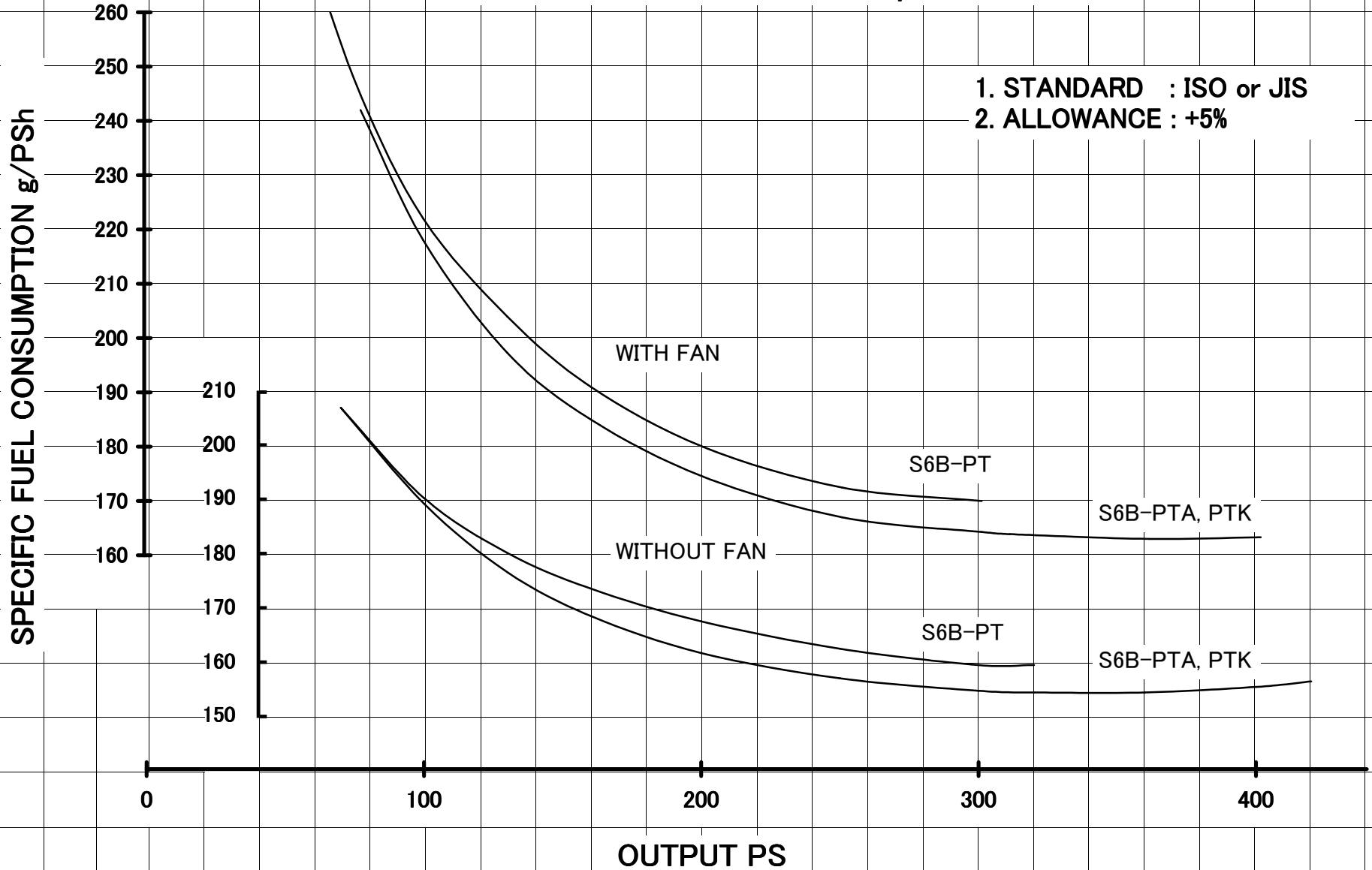
SPECIFIC FUEL CONSUMPTION MODEL : S6B 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



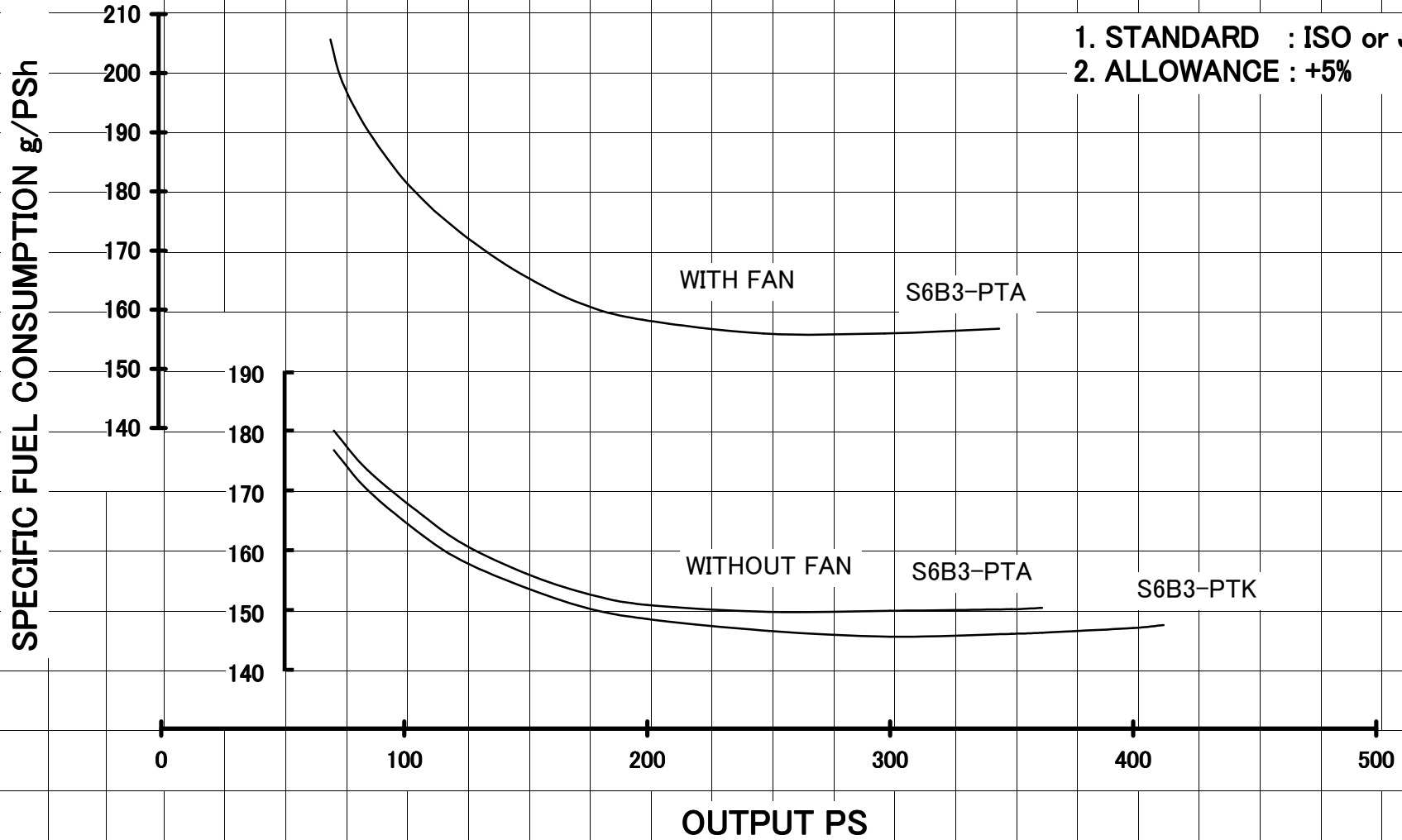
SPECIFIC FUEL CONSUMPTION MODEL : S6B 1800rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



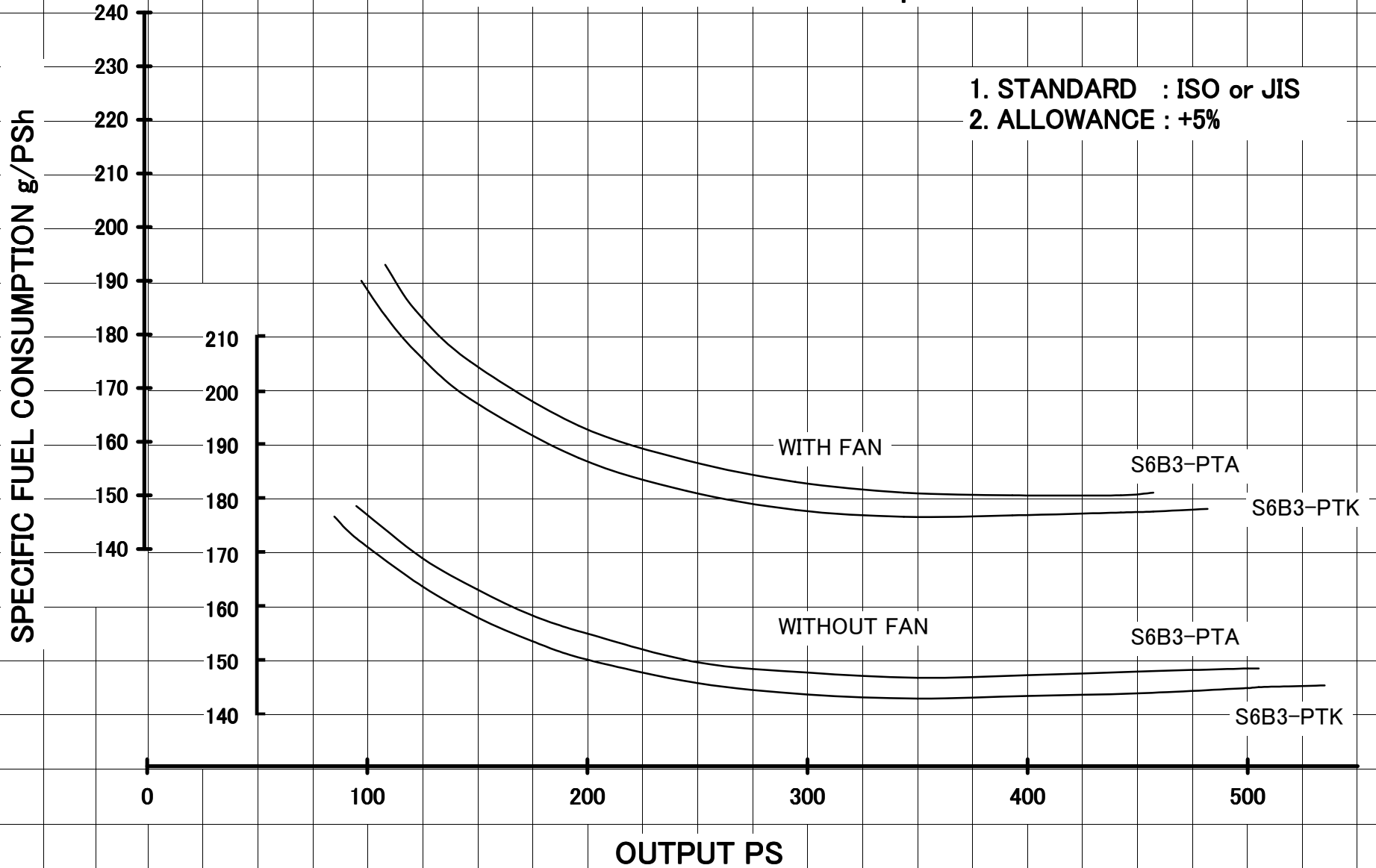
SPECIFIC FUEL CONSUMPTION MODEL : S6B3 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



SPECIFIC FUEL CONSUMPTION MODEL : S6B3 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



SPECIFIC FUEL CONSUMPTION

MODEL : S6B3 1800rpm

1. STANDARD : ISO or JIS

2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

240
230
220
210
200
190
180
170
160
150
140

210
200
190
180
170
160
150
140

100 200 300 400 500 600

OUTPUT PS

WITH FAN

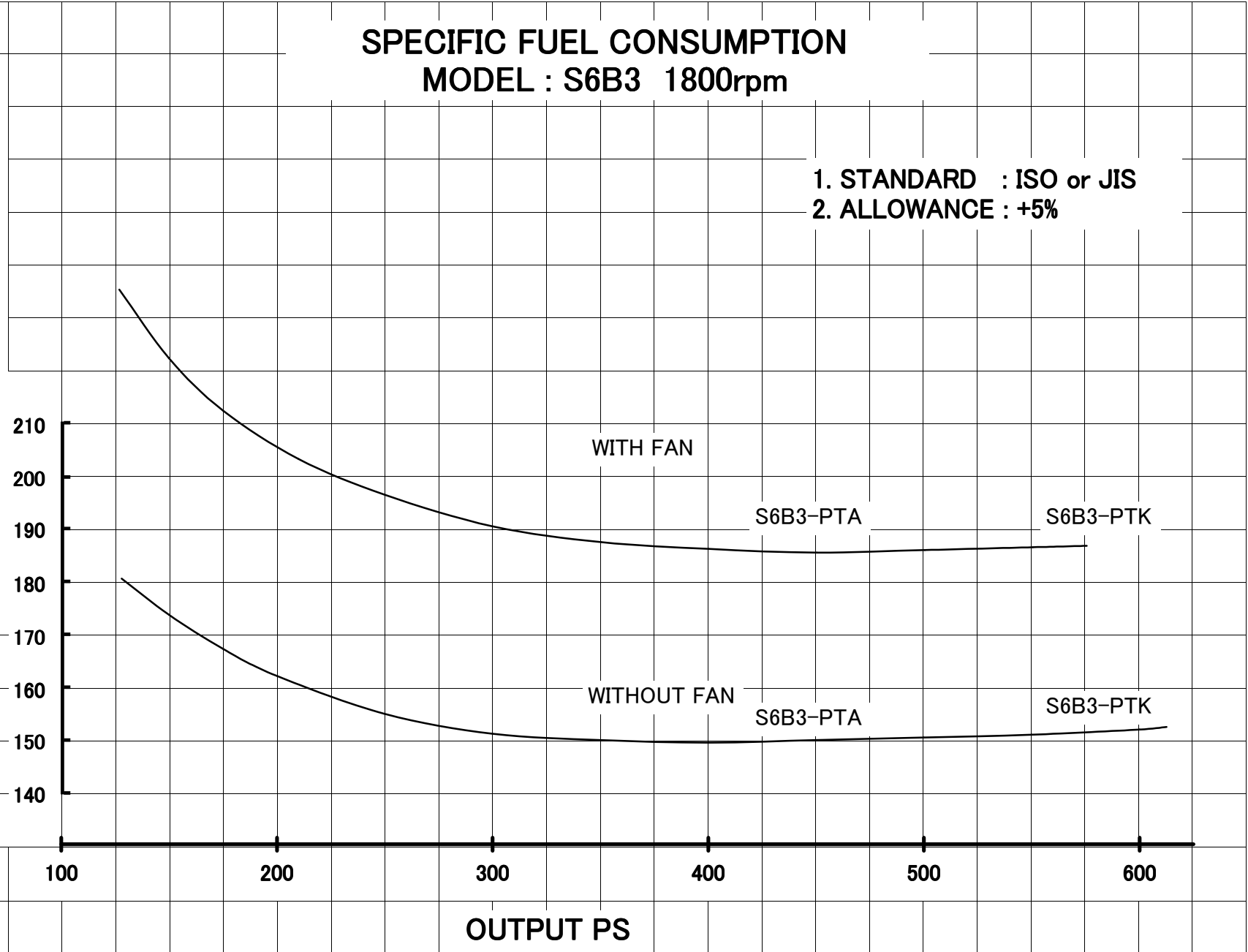
S6B3-PTA

S6B3-PTK

WITHOUT FAN

S6B3-PTA

S6B3-PTK



SPECIFIC FUEL CONSUMPTION

MODEL : S6A3 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

210
200
190
180
170
160
150
140

190
180
170
160
150
140

WITH FAN

WITHOUT FAN

S6BA3-PTA

S6A3-PTK

0

100

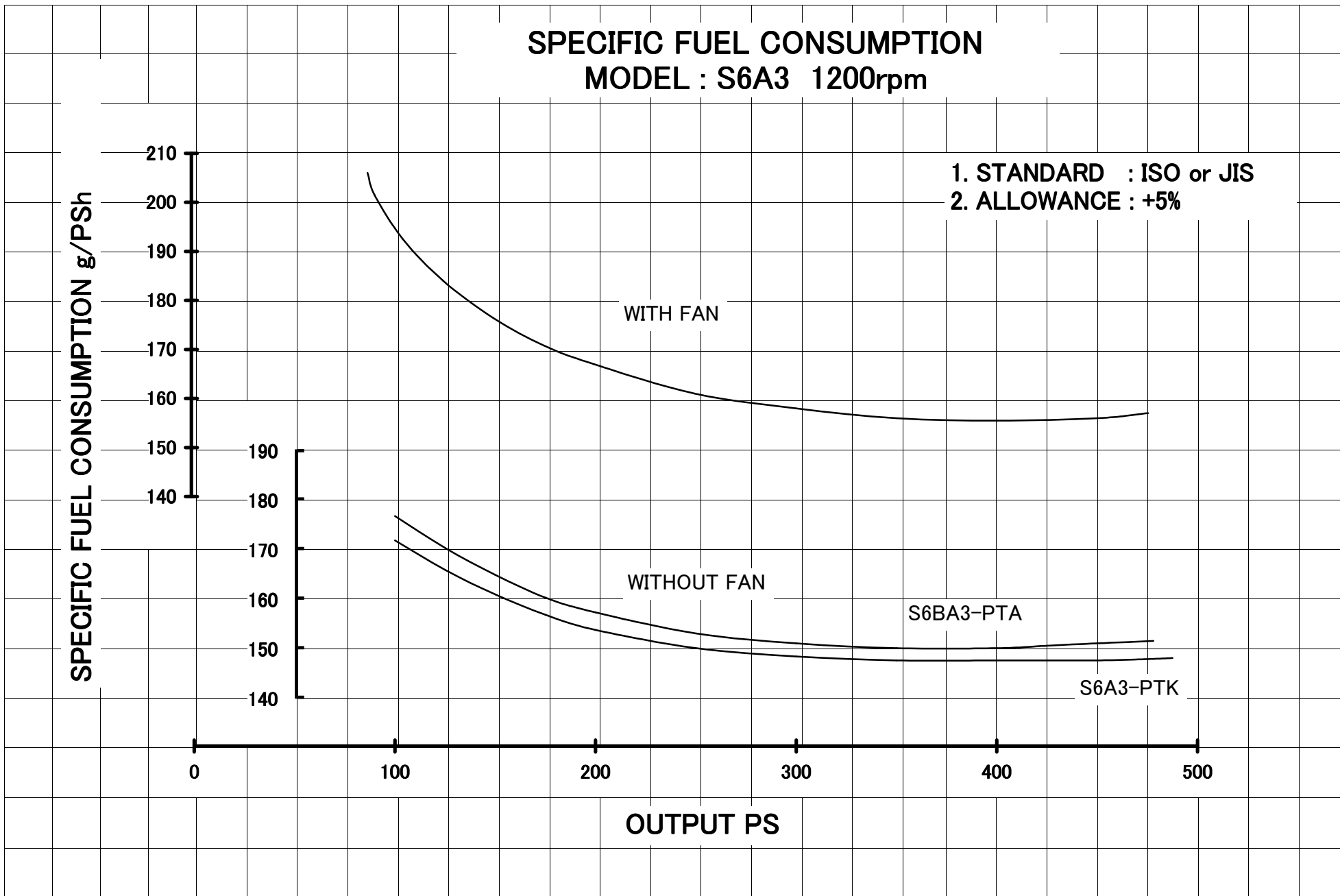
200

300

400

500

OUTPUT PS



SPECIFIC FUEL CONSUMPTION MODEL : S6A3 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

220
210
200
190
180
170
160
150
140

210
200
190
180
170
160
150
140

WITH FAN

S6A3-PTA

S6A3-PTK

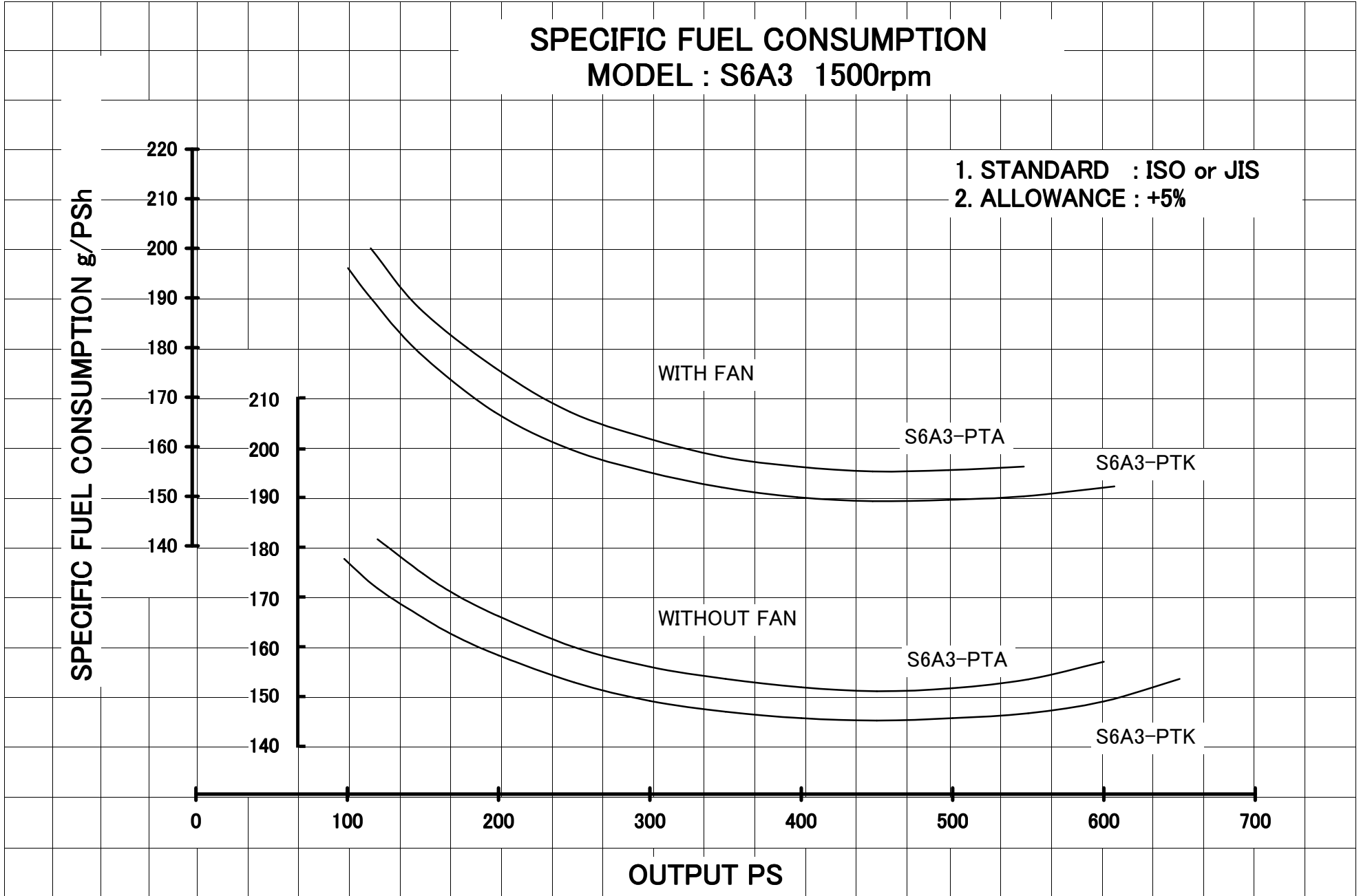
WITHOUT FAN

S6A3-PTA

S6A3-PTK

0 100 200 300 400 500 600 700

OUTPUT PS



SPECIFIC FUEL CONSUMPTION

MODEL : S6A3 1800rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

230
220
210
200
190
180
170
160
150

210
200
190
180
170
160
150

WITH FAN

WITHOUT FAN

S6A3-PTA

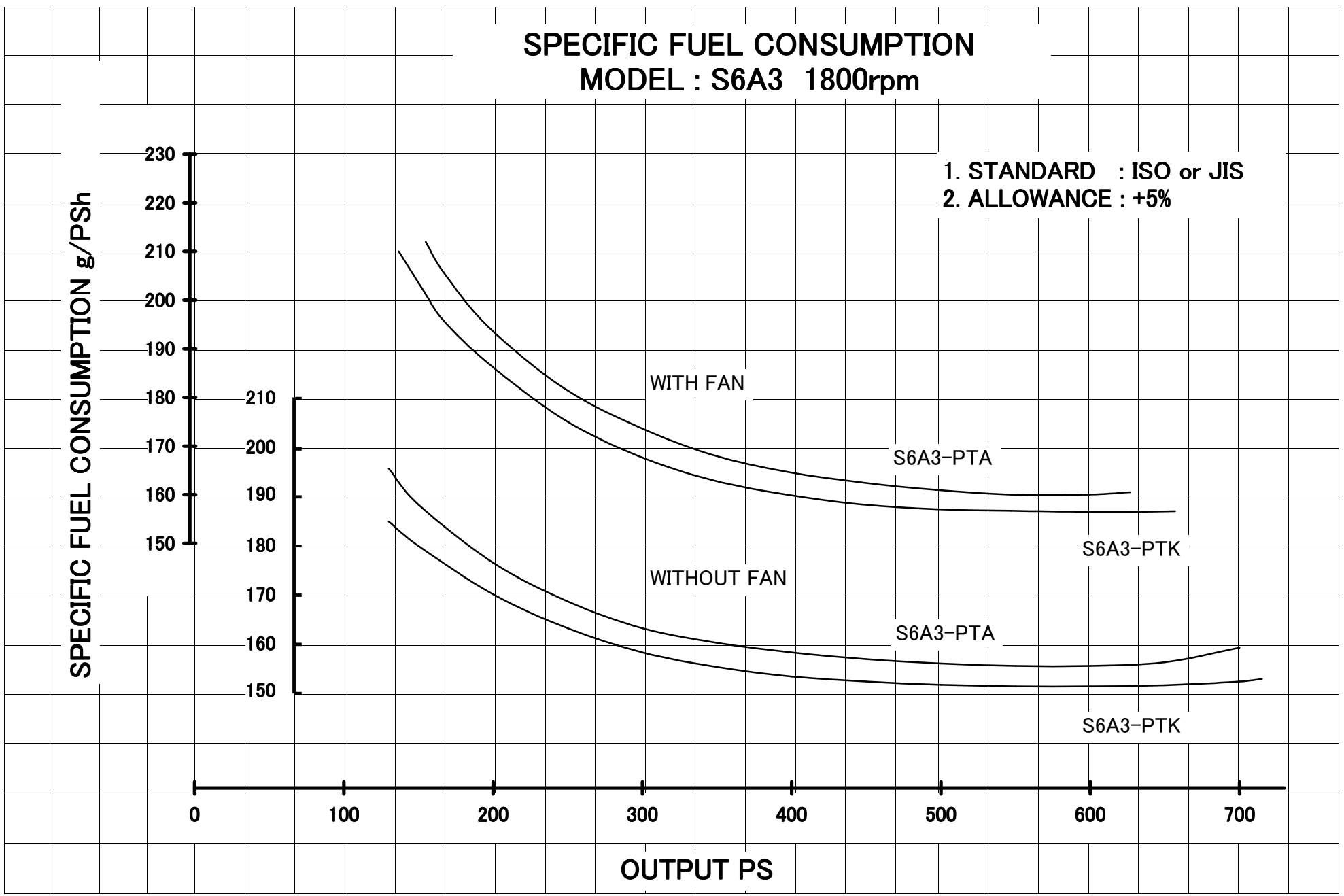
S6A3-PTK

S6A3-PTA

S6A3-PTK

0 100 200 300 400 500 600 700

OUTPUT PS



SPECIFIC FUEL CONSUMPTION MODEL : S12A2 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

190
180
170
160
150

180
170
160
150

0

200

400

600

800

OUTPUT PS

WITH FAN

S12A2-PT

S12A2-PTA

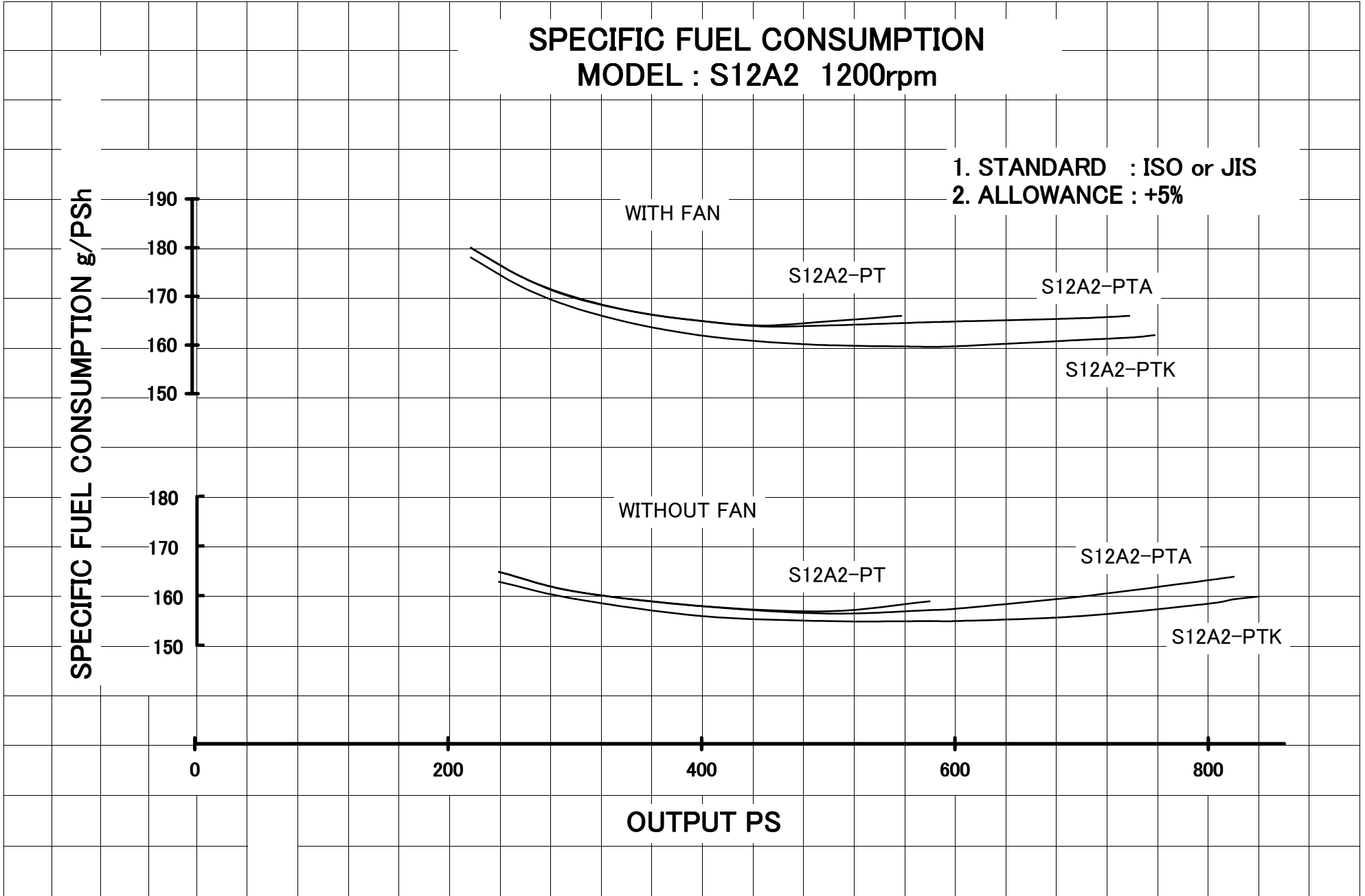
S12A2-PTK

WITHOUT FAN

S12A2-PT

S12A2-PTA

S12A2-PTK



SPECIFIC FUEL CONSUMPTION MODEL : S12A2 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

190
180
170
160
150

190
180
170
160
150
140

0

200

400

600

800

1000

OUTPUT PS

WITH FAN

S12A2-PT

S12A2-PTA

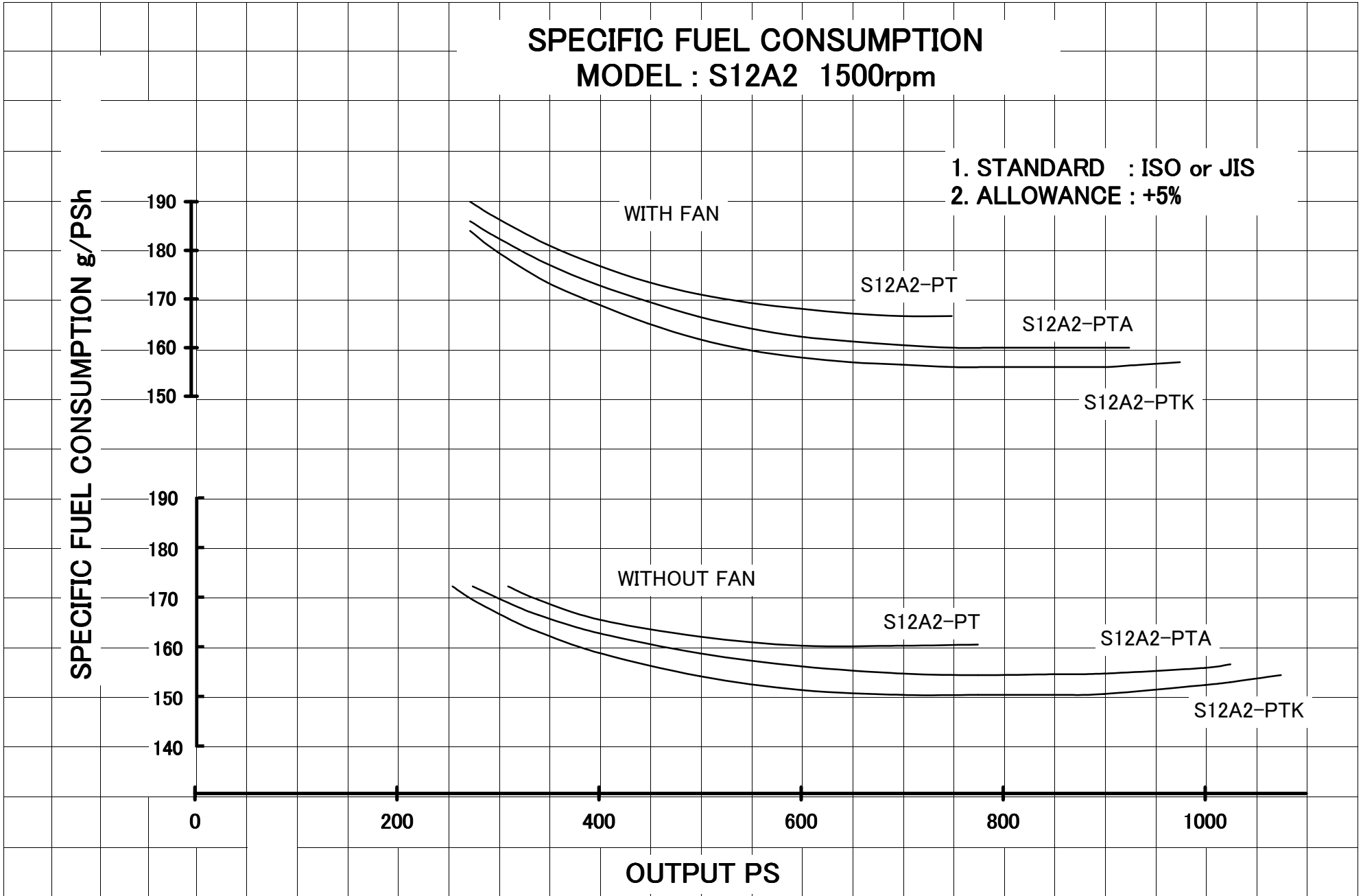
S12A2-PTK

WITHOUT FAN

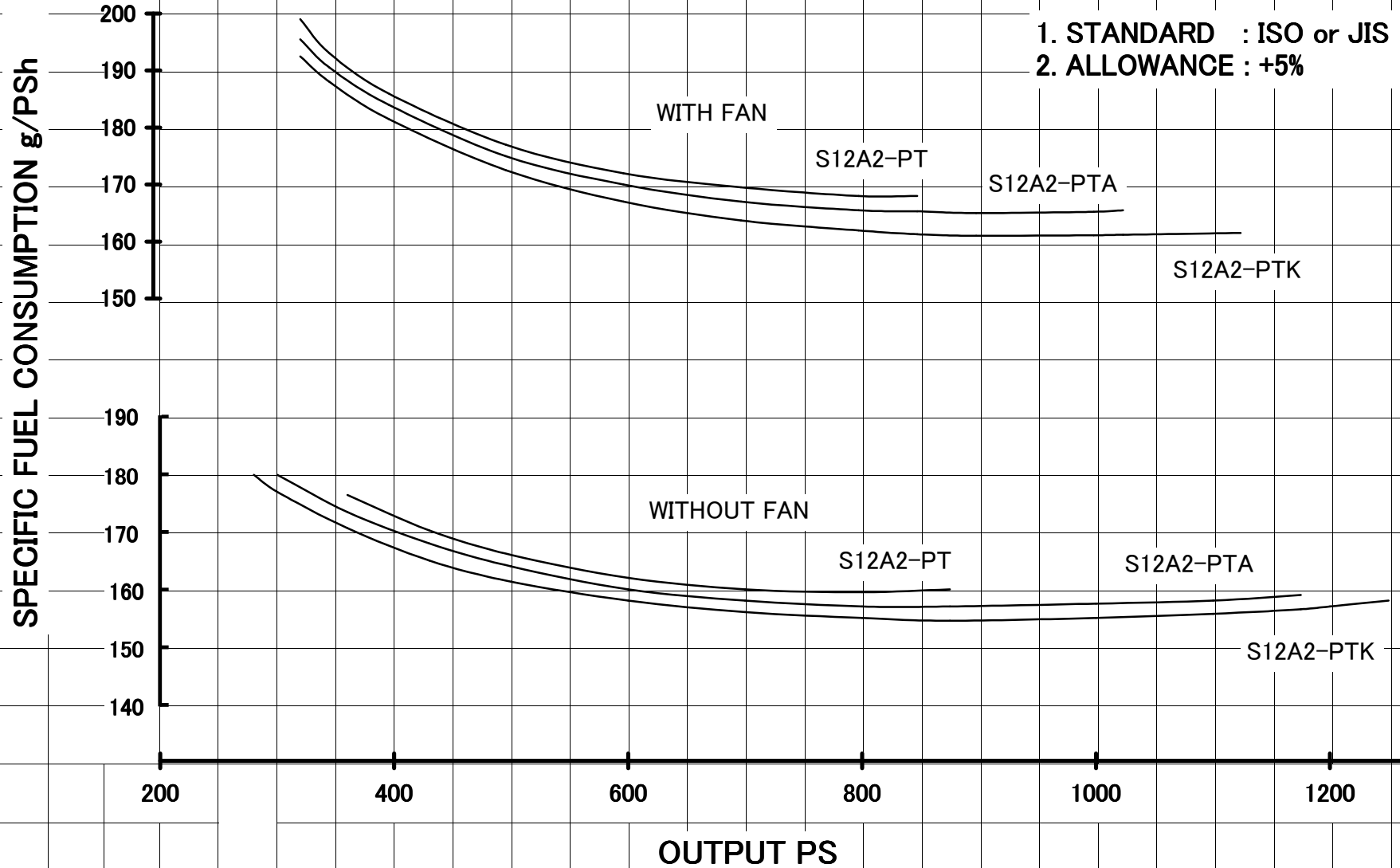
S12A2-PT

S12A2-PTA

S12A2-PTK

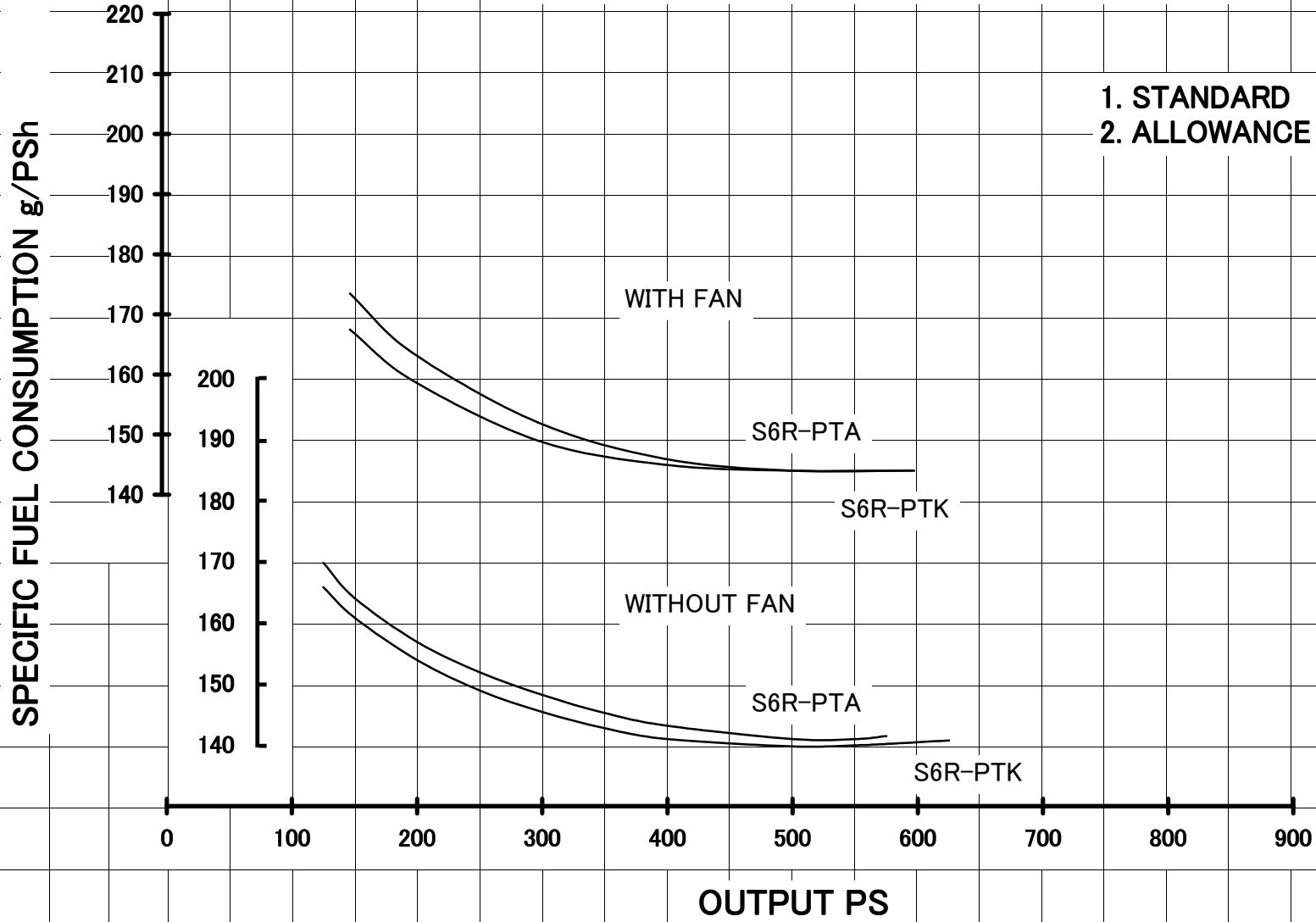


SPECIFIC FUEL CONSUMPTION MODEL : S12A2 1800rpm



SPECIFIC FUEL CONSUMPTION MODEL : S6R 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

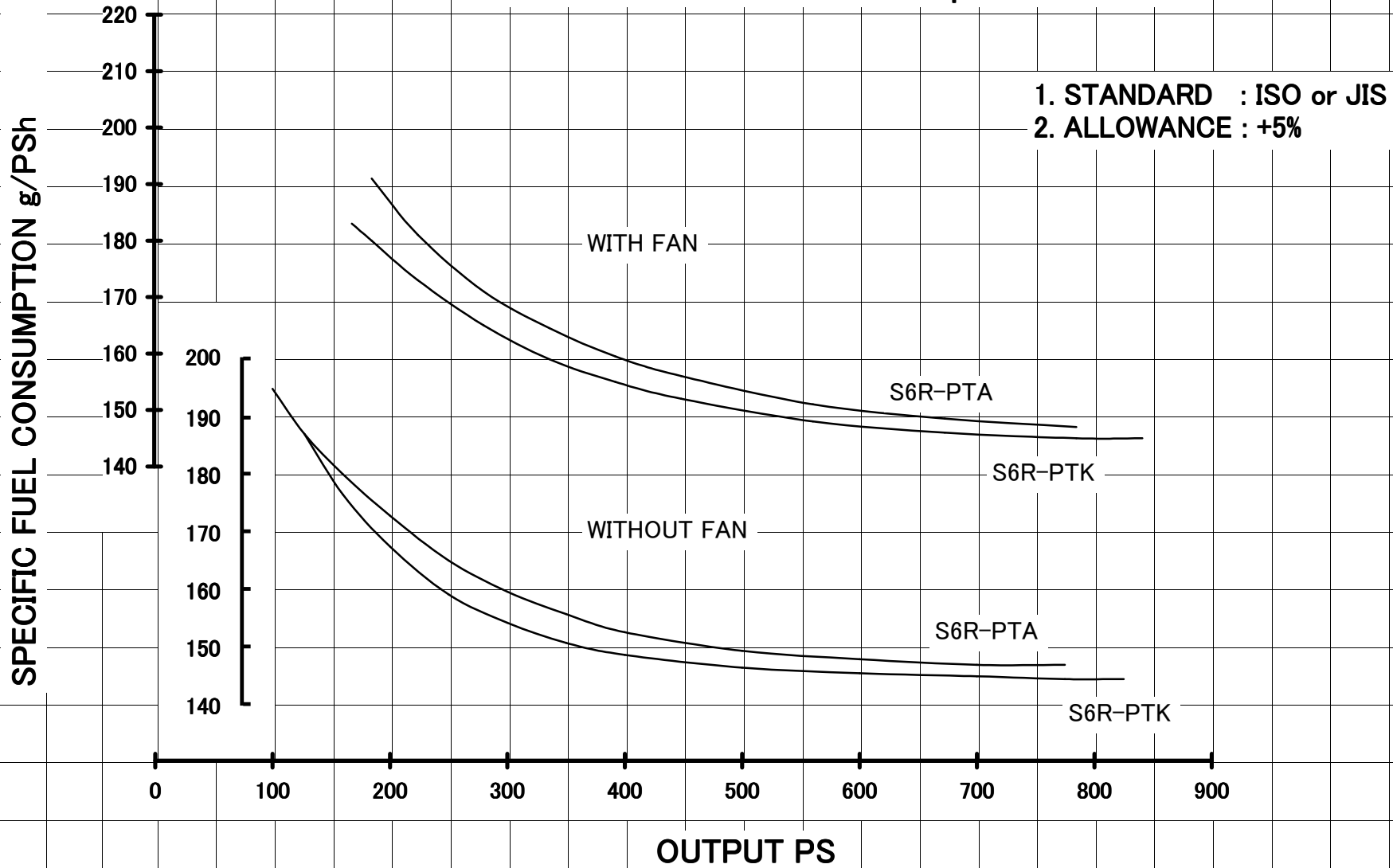


SPECIFIC FUEL CONSUMPTION

MODEL : S6R 1500rpm

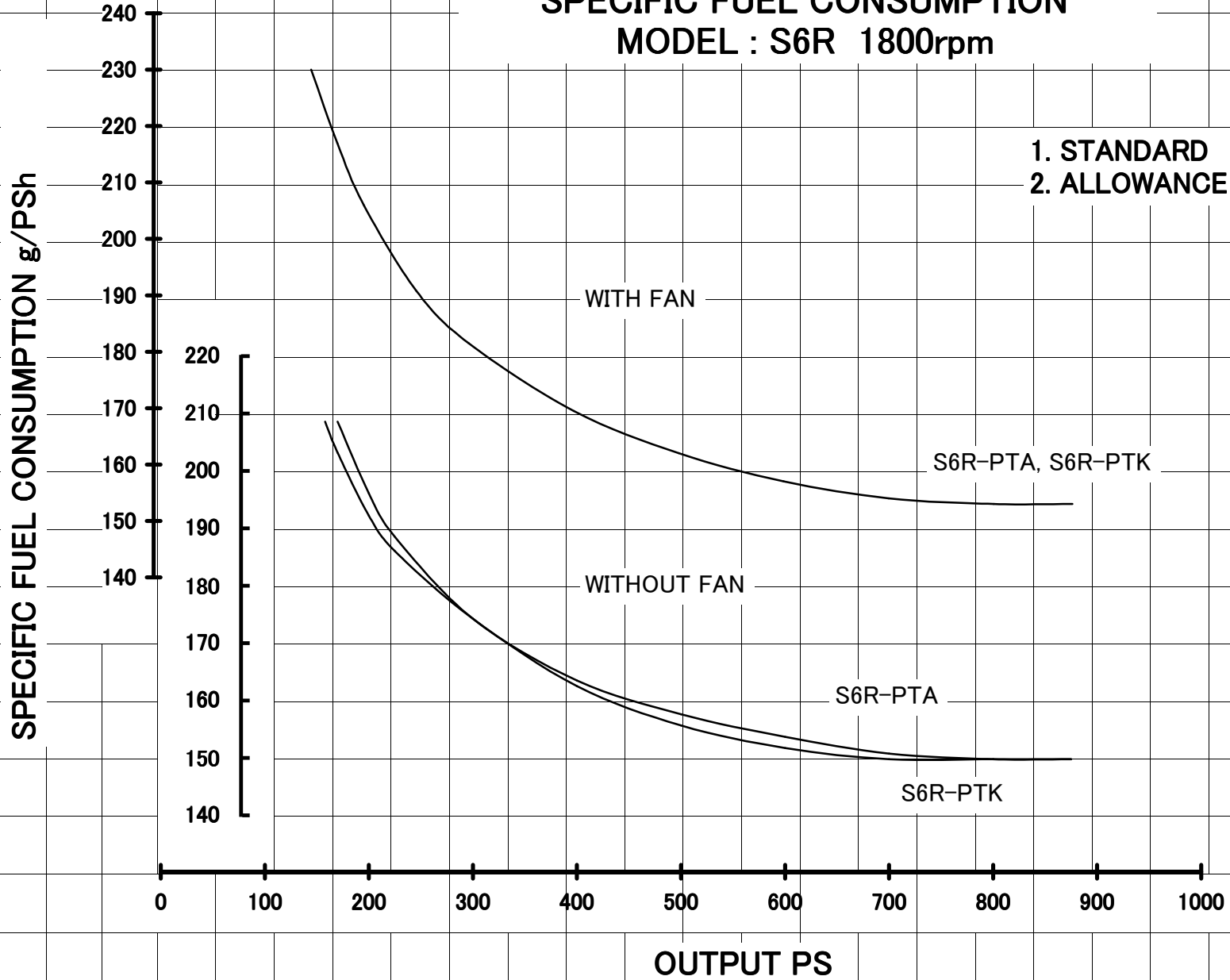
1. STANDARD : ISO or JIS

2. ALLOWANCE : +5%



SPECIFIC FUEL CONSUMPTION MODEL : S6R 1800rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

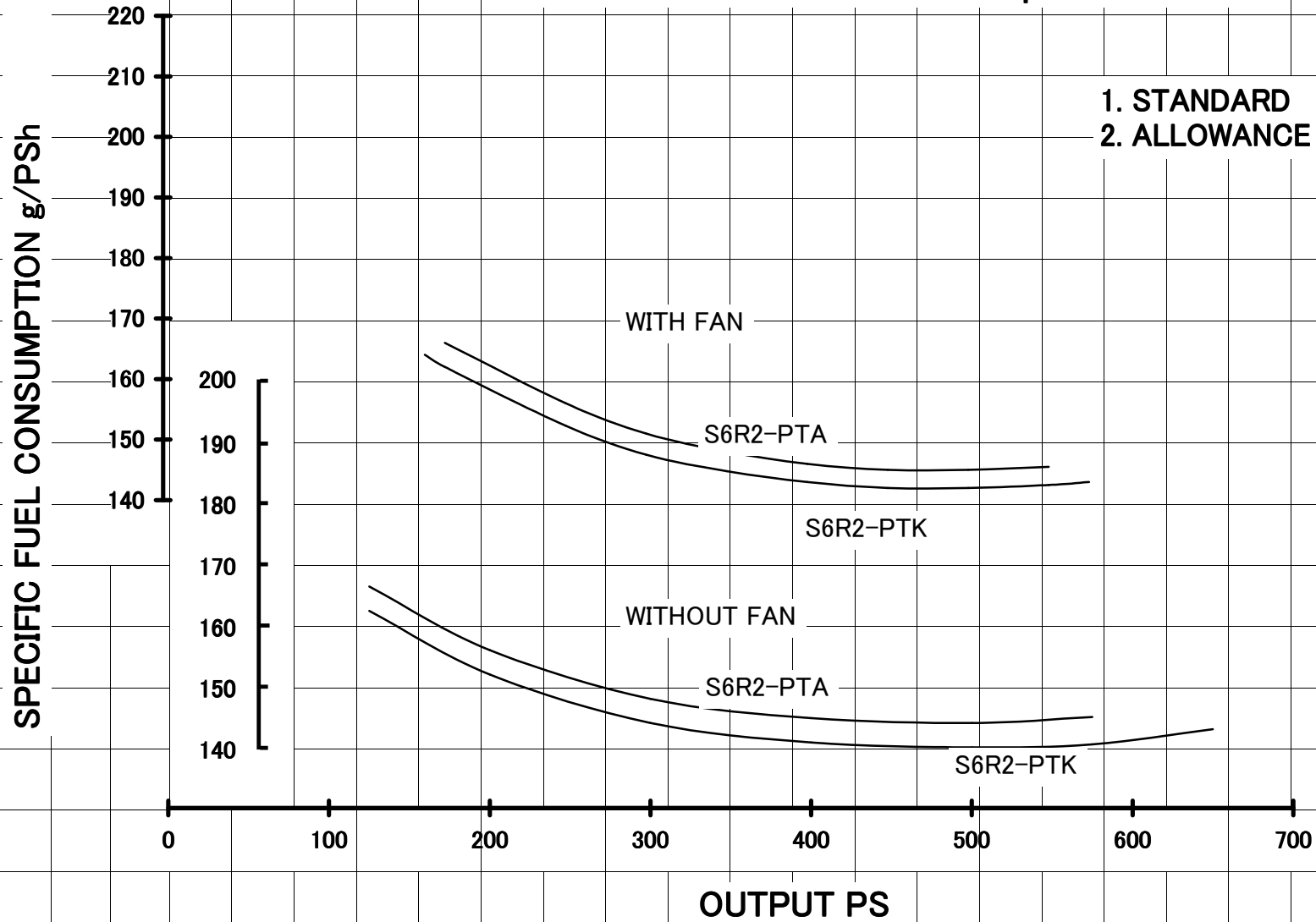


SPECIFIC FUEL CONSUMPTION

MODEL : S6R2 1000rpm

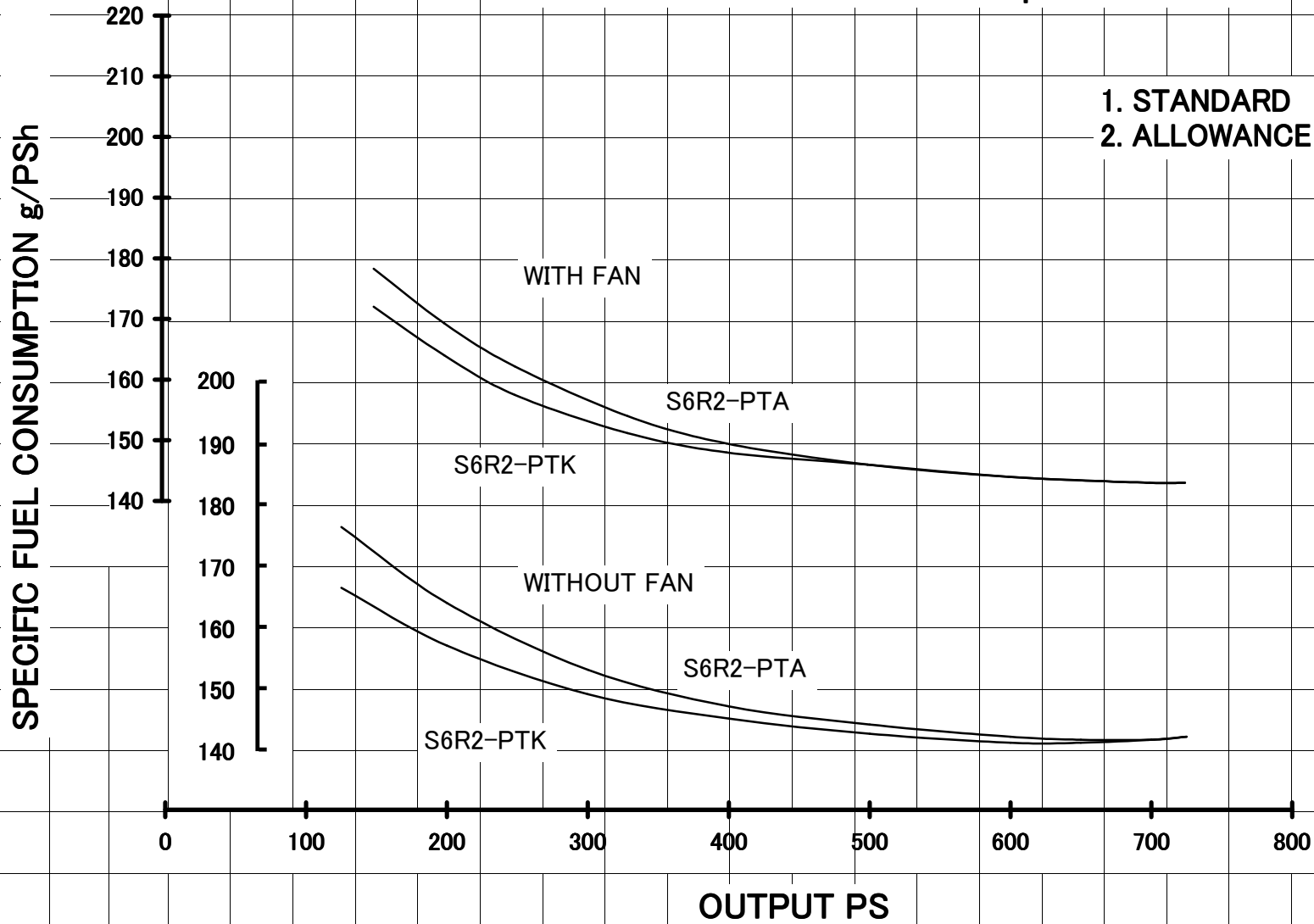
1. STANDARD : ISO or JIS

2. ALLOWANCE : +5%



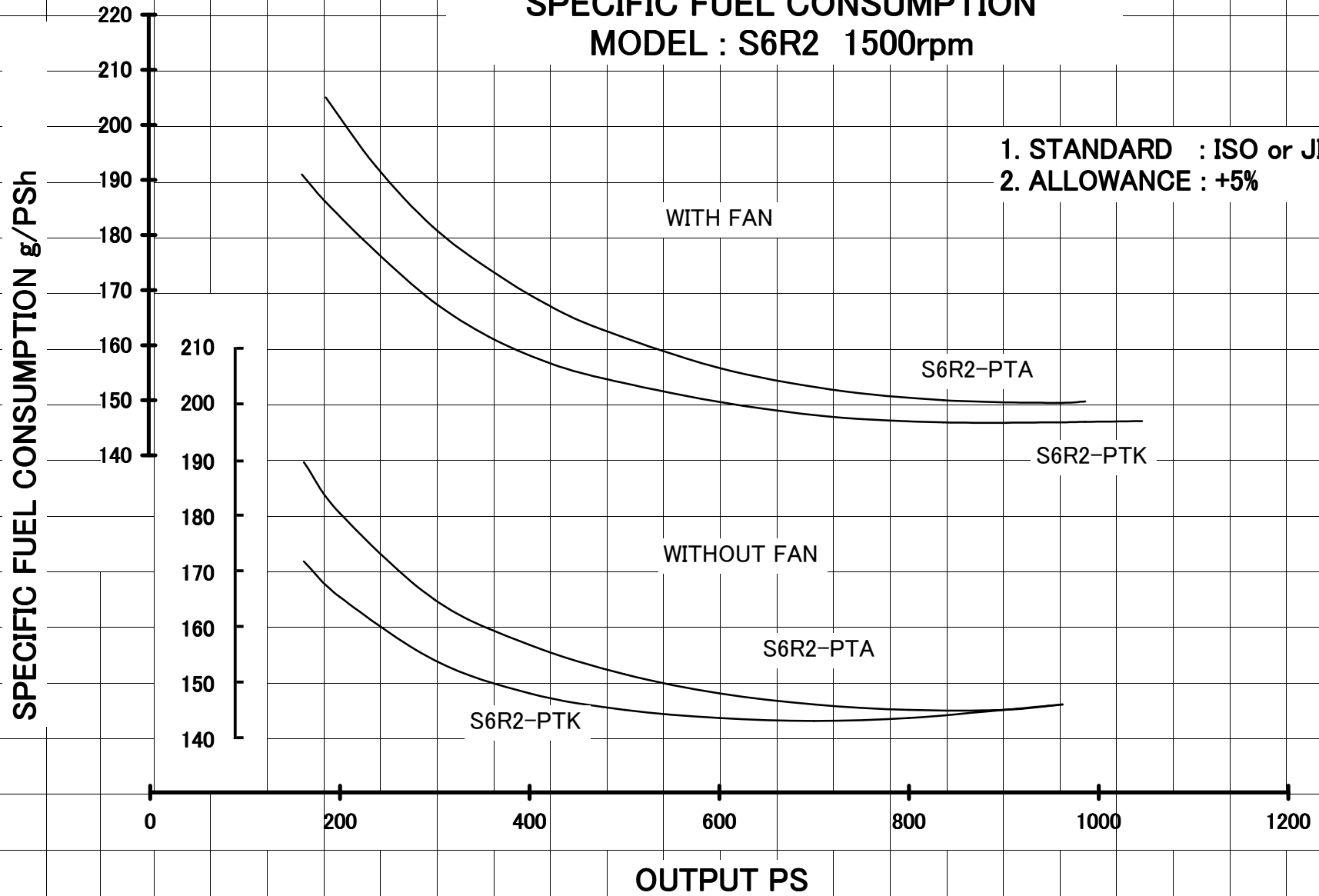
SPECIFIC FUEL CONSUMPTION MODEL : S6R2 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



SPECIFIC FUEL CONSUMPTION MODEL : S6R2 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

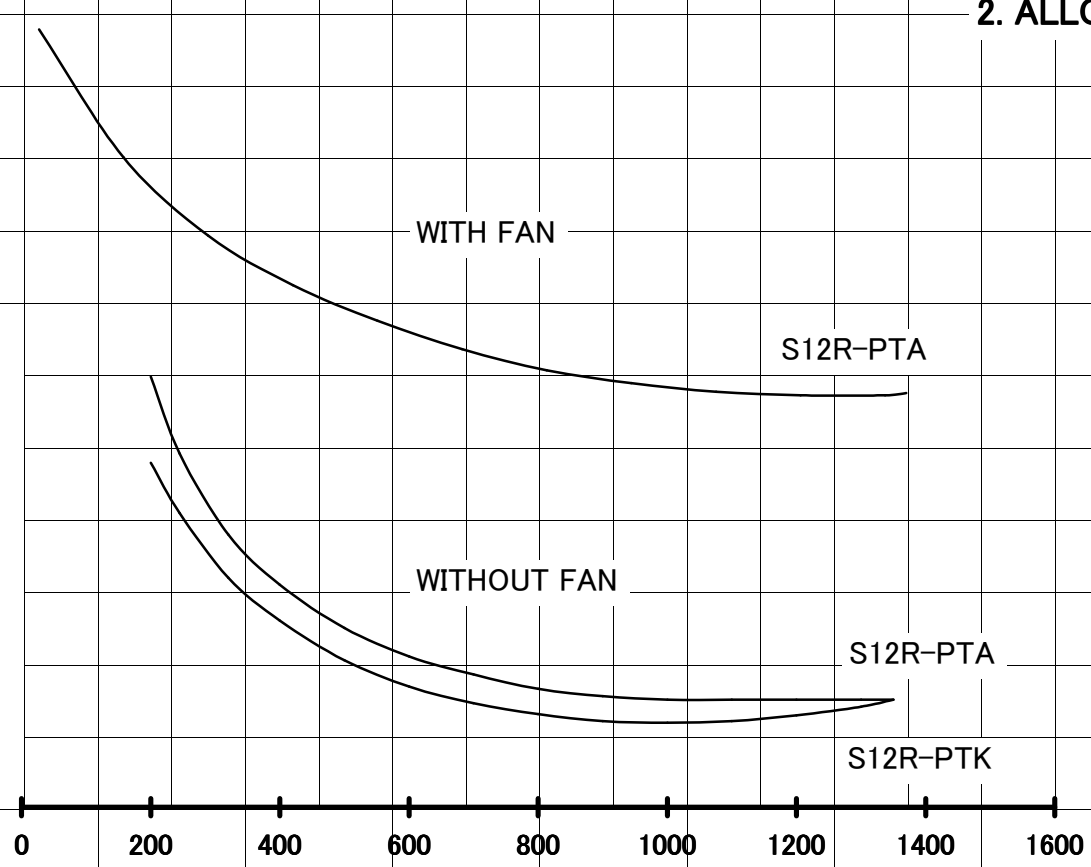


SPECIFIC FUEL CONSUMPTION MODEL : S12R 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

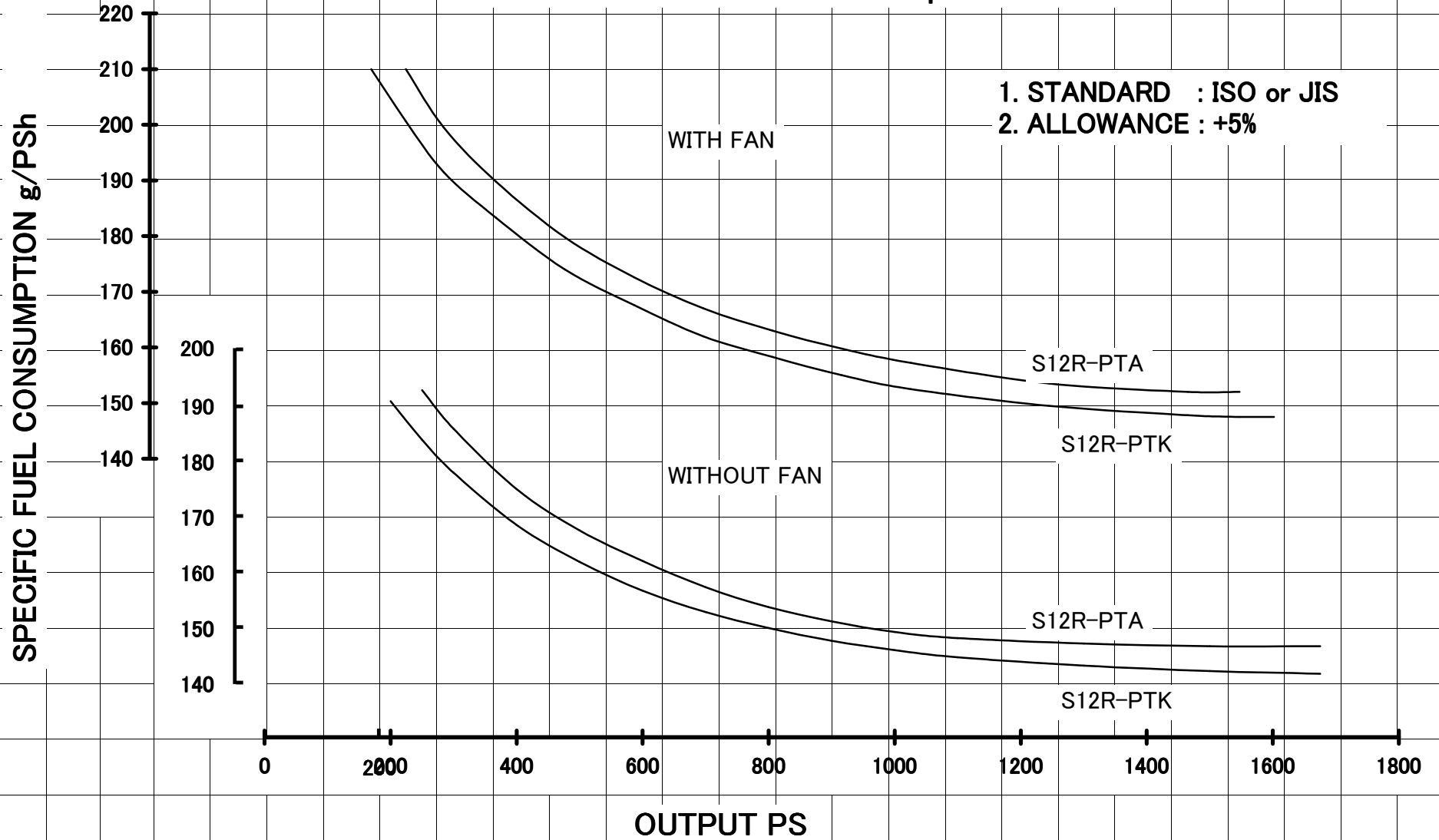
SPECIFIC FUEL CONSUMPTION g/PS_h

200
190
180
170
160
150
140
190
180
170
160
150
140

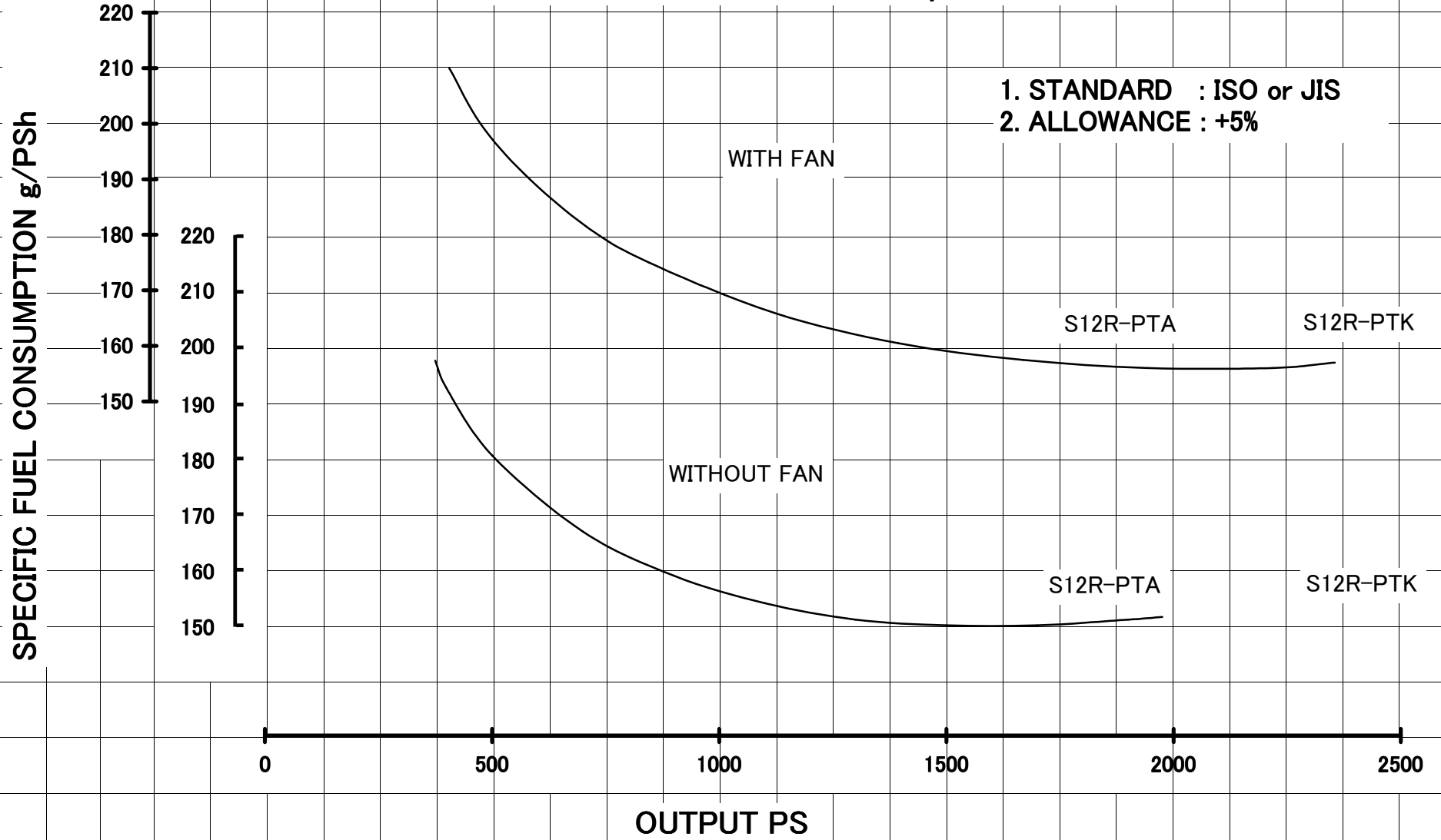


OUTPUT PS

SPECIFIC FUEL CONSUMPTION MODEL : S12R 1500rpm

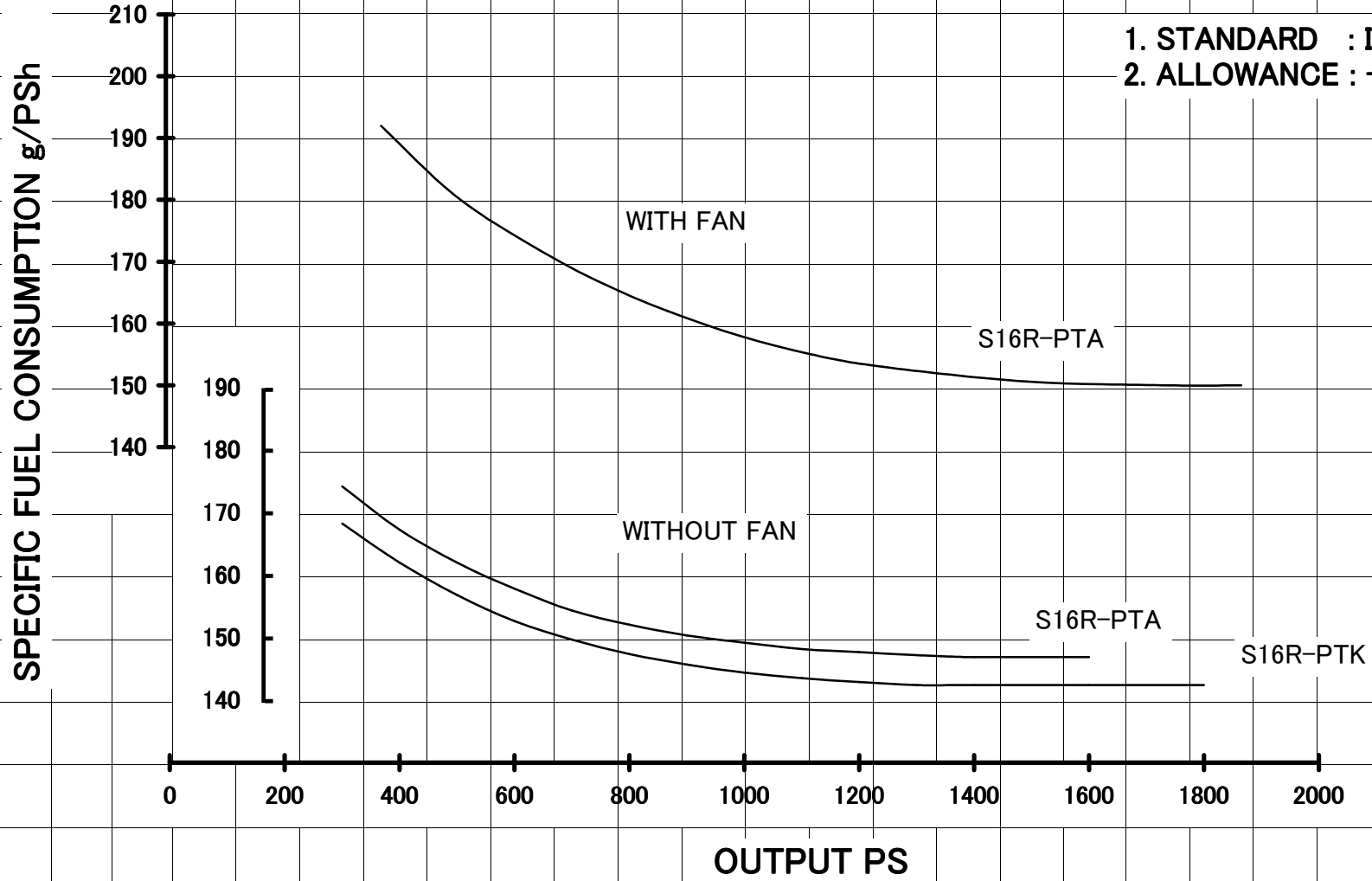


SPECIFIC FUEL CONSUMPTION MODEL : S12R 1800rpm



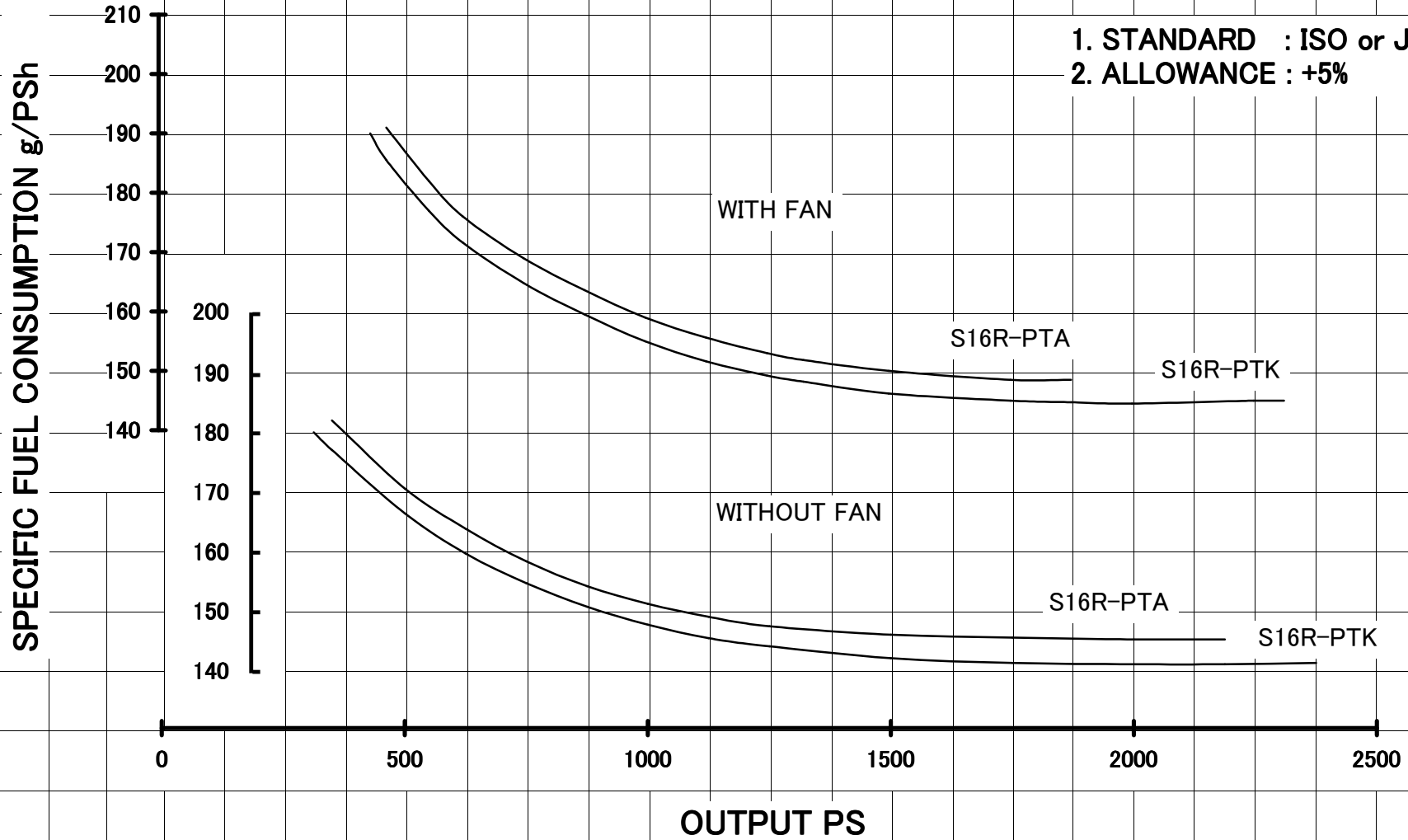
SPECIFIC FUEL CONSUMPTION MODEL : S16R 1200rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



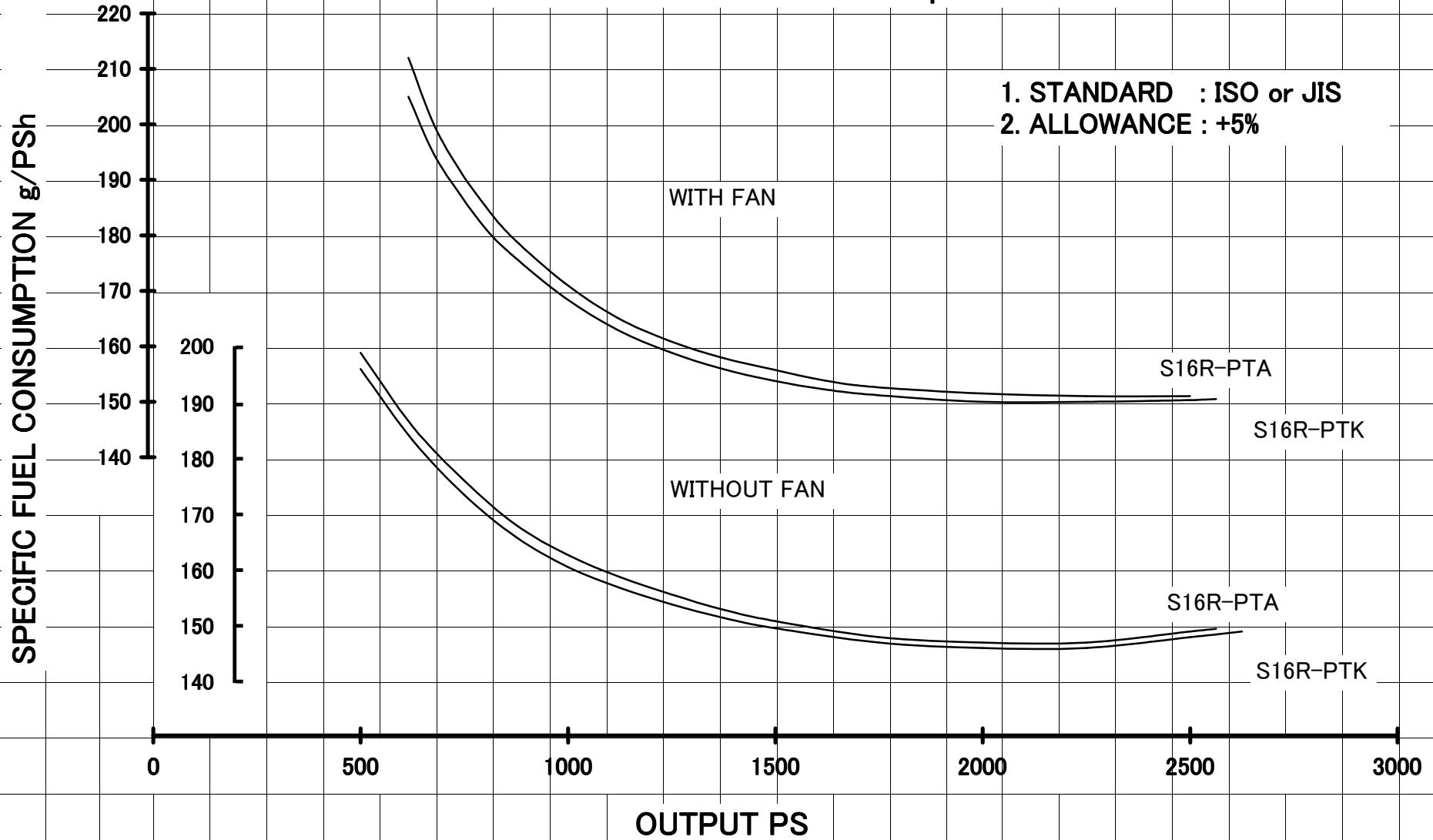
SPECIFIC FUEL CONSUMPTION MODEL : S16R 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



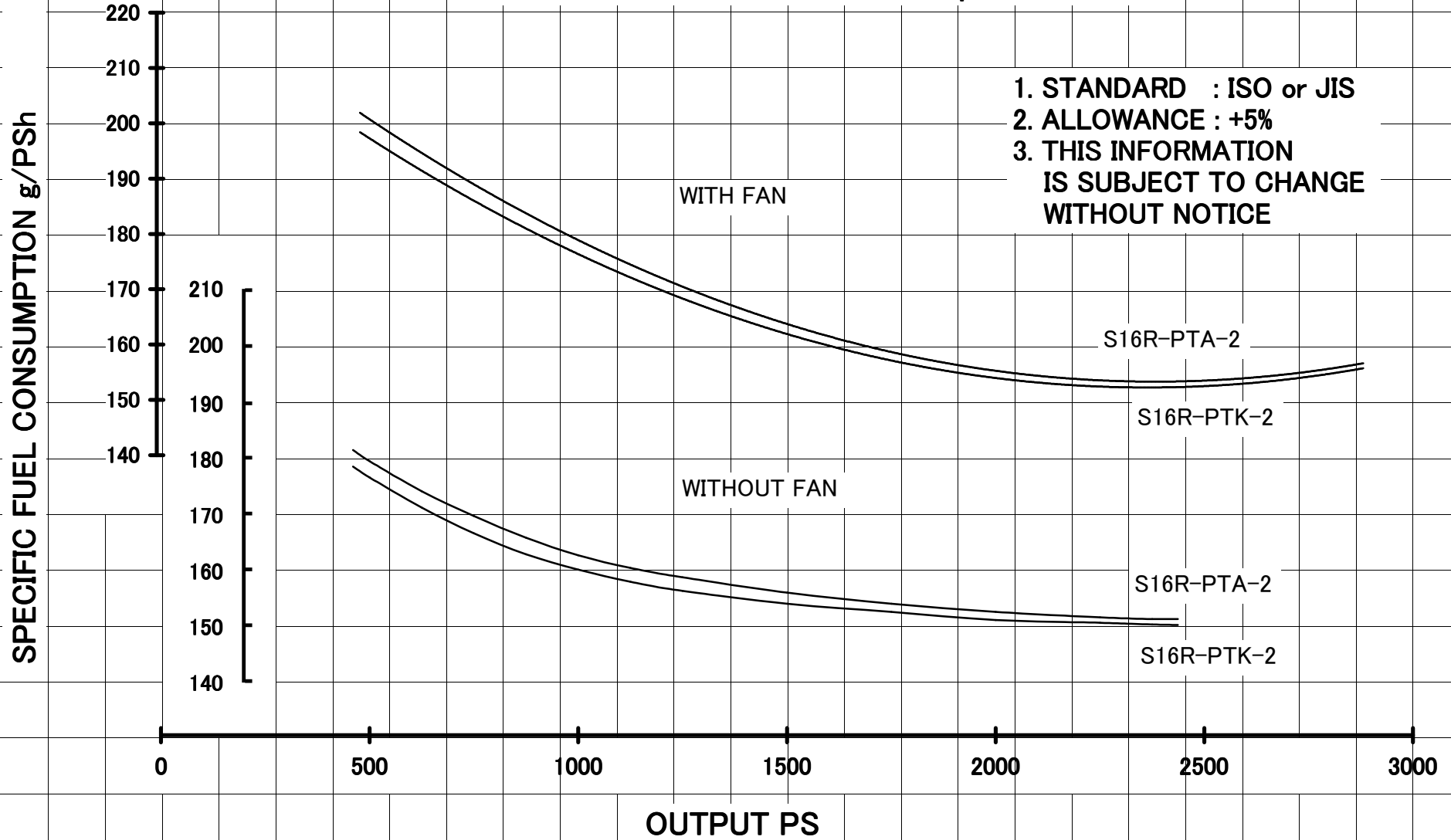
SPECIFIC FUEL CONSUMPTION MODEL : S16R 1800rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



SPECIFIC FUEL CONSUMPTION MODEL : S16R-2 1500rpm

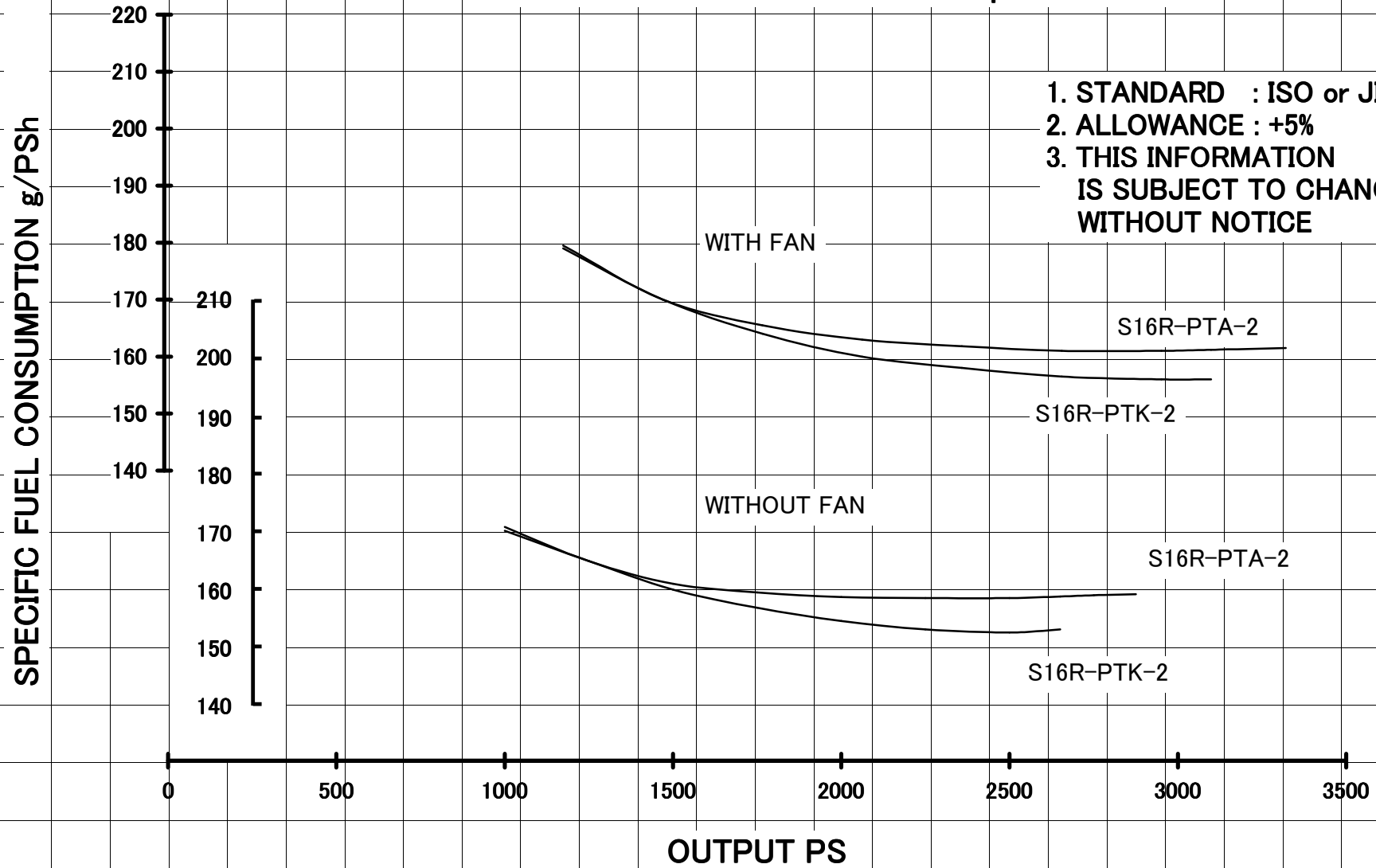
- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%
- 3. THIS INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE



SPECIFIC FUEL CONSUMPTION

MODEL : S16R-2 1800rpm

1. STANDARD : ISO or JIS
2. ALLOWANCE : +5%
3. THIS INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE



**SPECIFIC FUEL CONSUMPTION
MODEL : S6R2-PTAA 1500rpm**

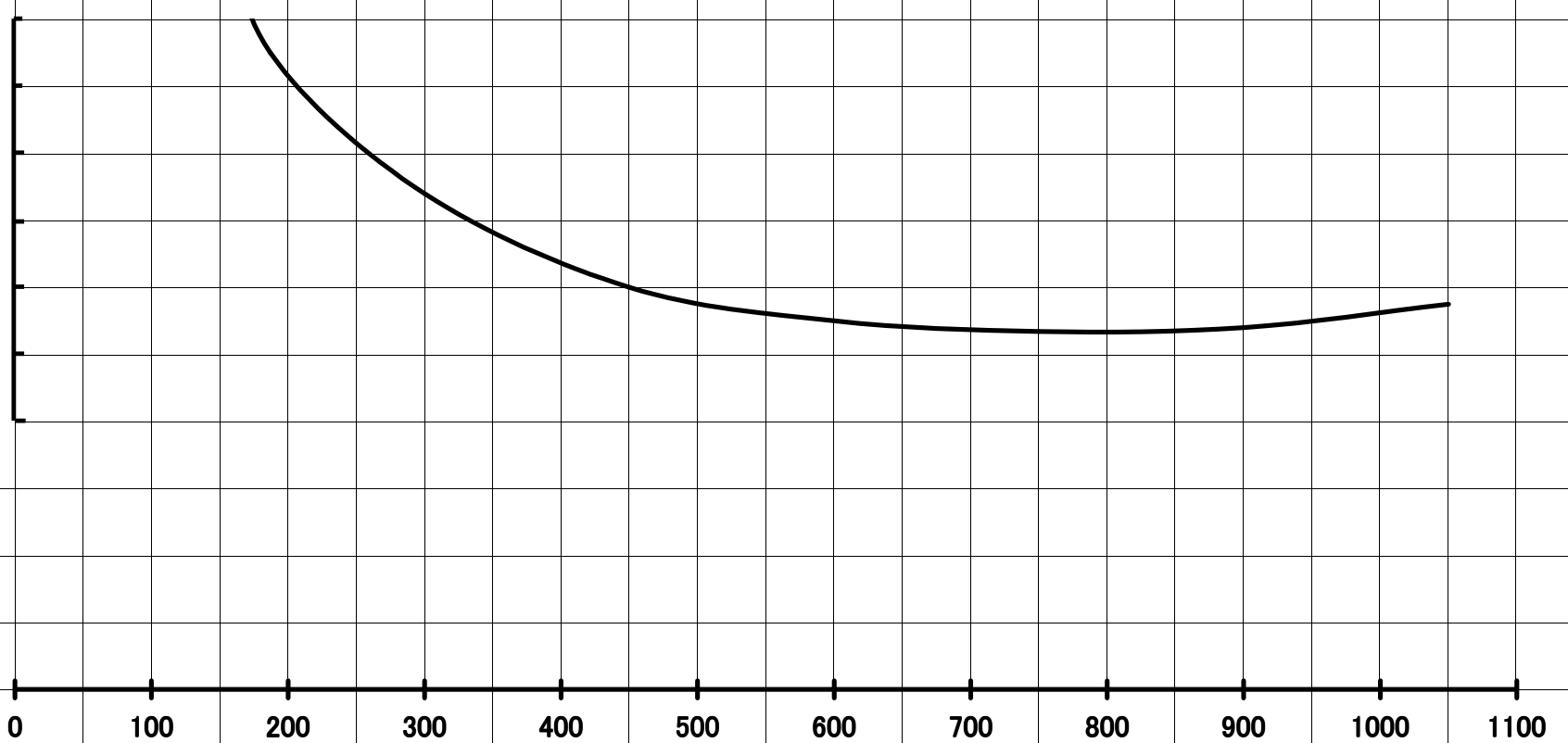
- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

200
190
180
170
160
150
140

0 100 200 300 400 500 600 700 800 900 1000 1100

OUTPUT PS



SPECIFIC FUEL CONSUMPTION MODEL : S12H-PTA 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

200
190
180
170
160
150
140

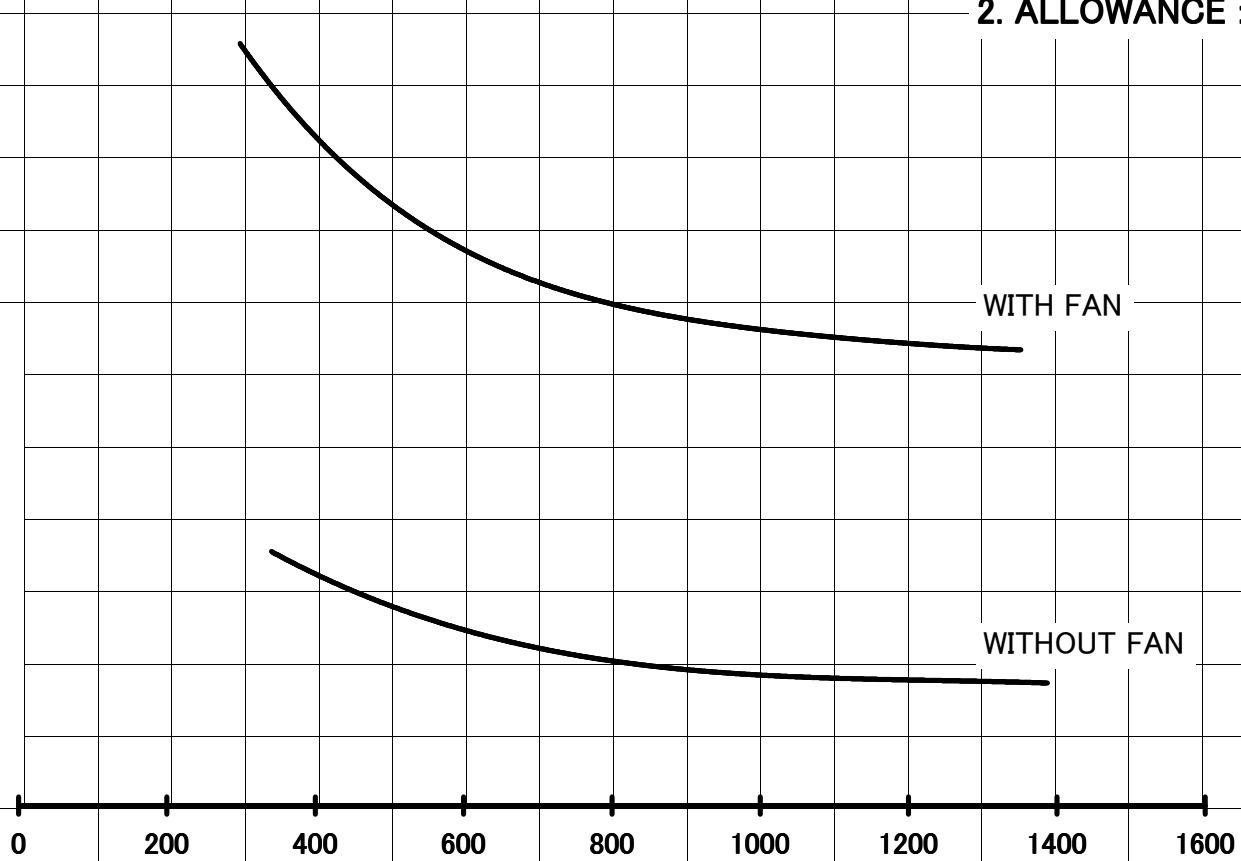
190
180
170
160
150
140

0 200 400 600 800 1000 1200 1400 1600

OUTPUT PS

WITH FAN

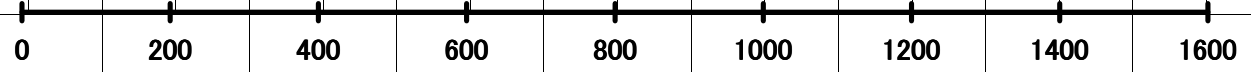
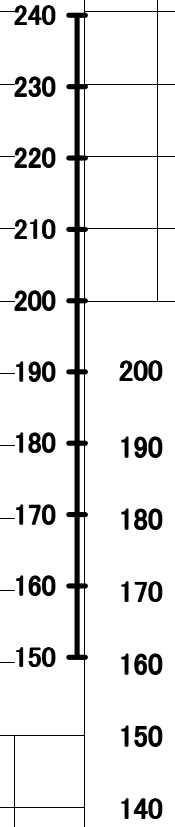
WITHOUT FAN



SPECIFIC FUEL CONSUMPTION MODEL : S12H-PTA 1800rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

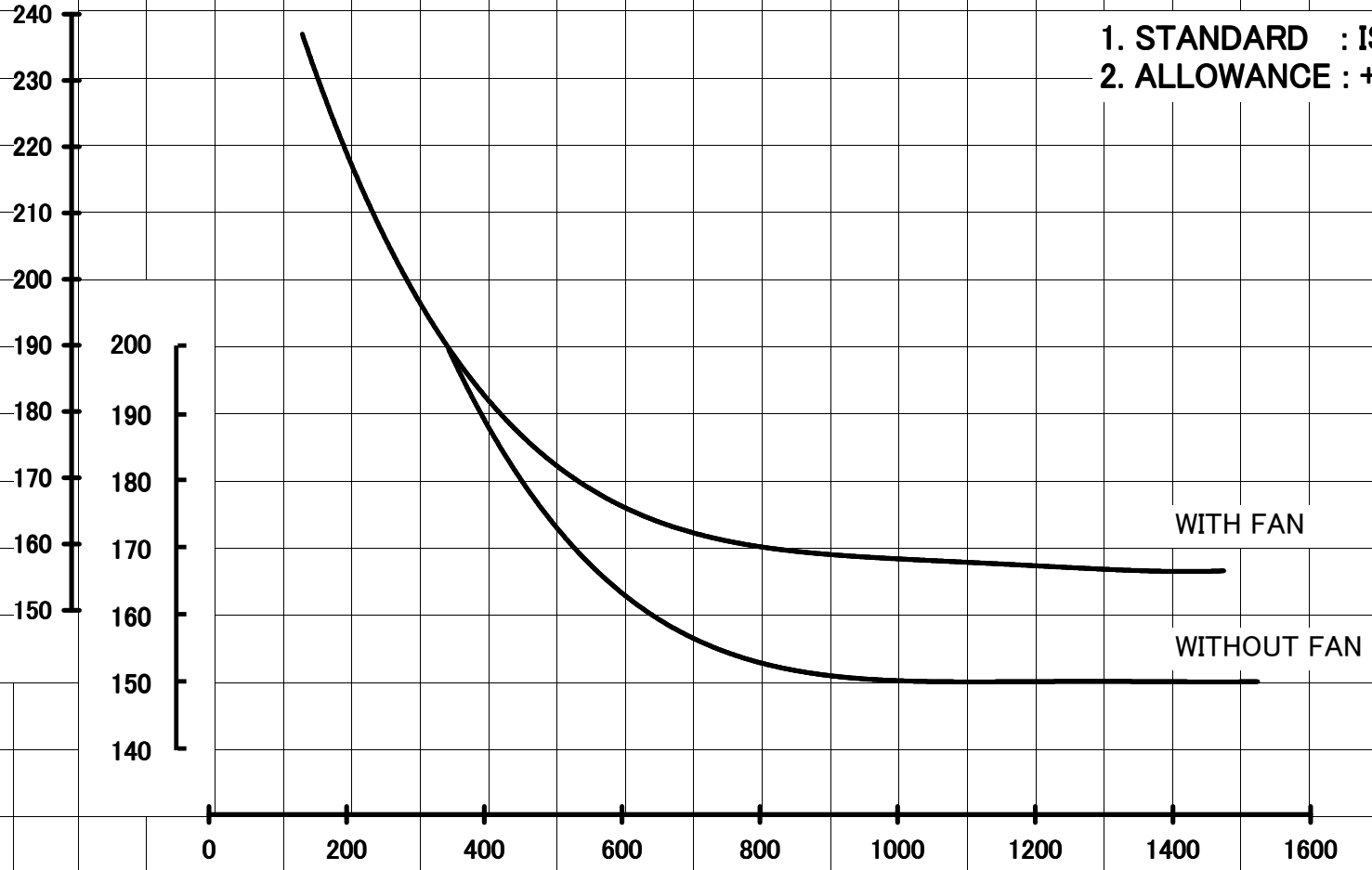
SPECIFIC FUEL CONSUMPTION g/PSH



OUTPUT PS

WITH FAN

WITHOUT FAN



SPECIFIC FUEL CONSUMPTION MODEL : S12R-PTAA2

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

200
190
180
170
160
150
140

0

200

400

600

800

1000

1200

1400

1600

1800

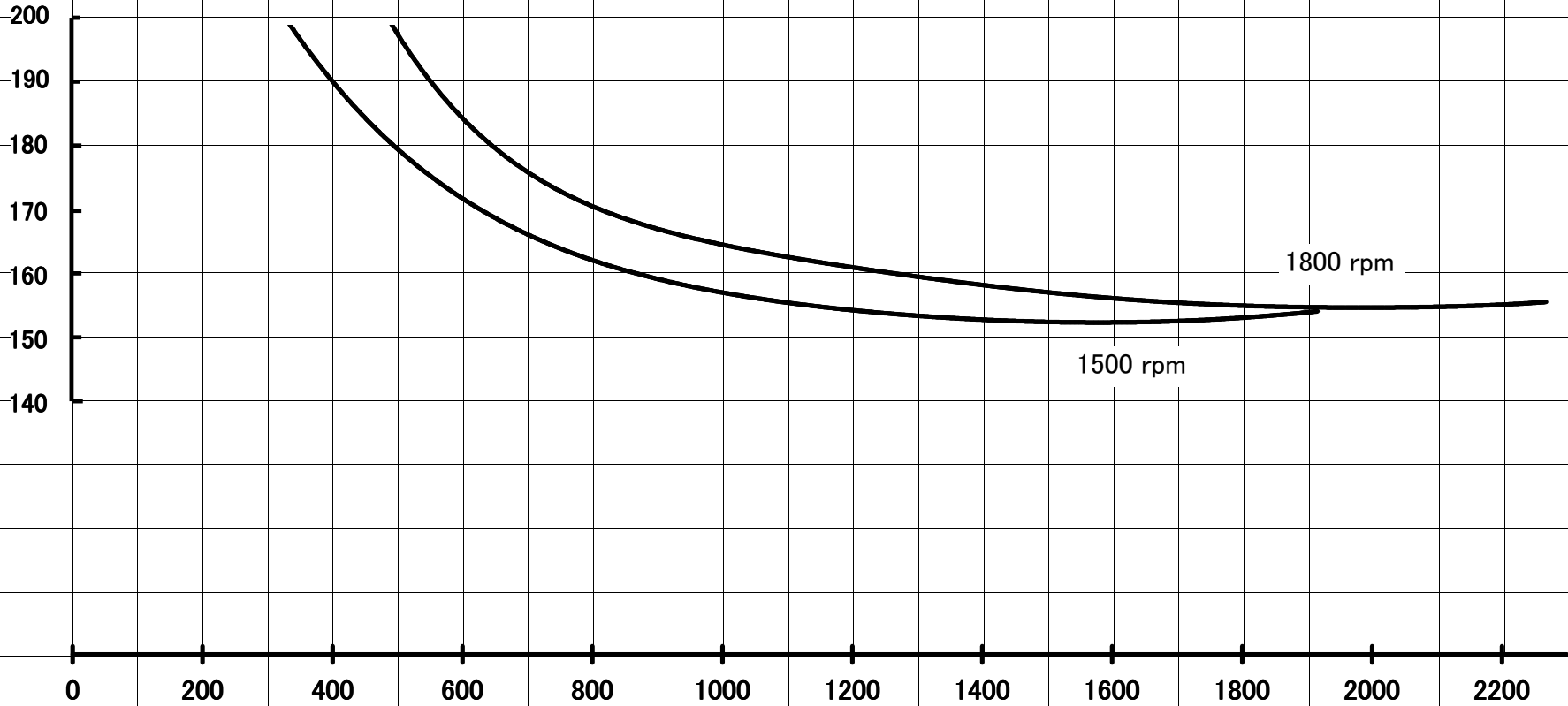
2000

2200

OUTPUT PS

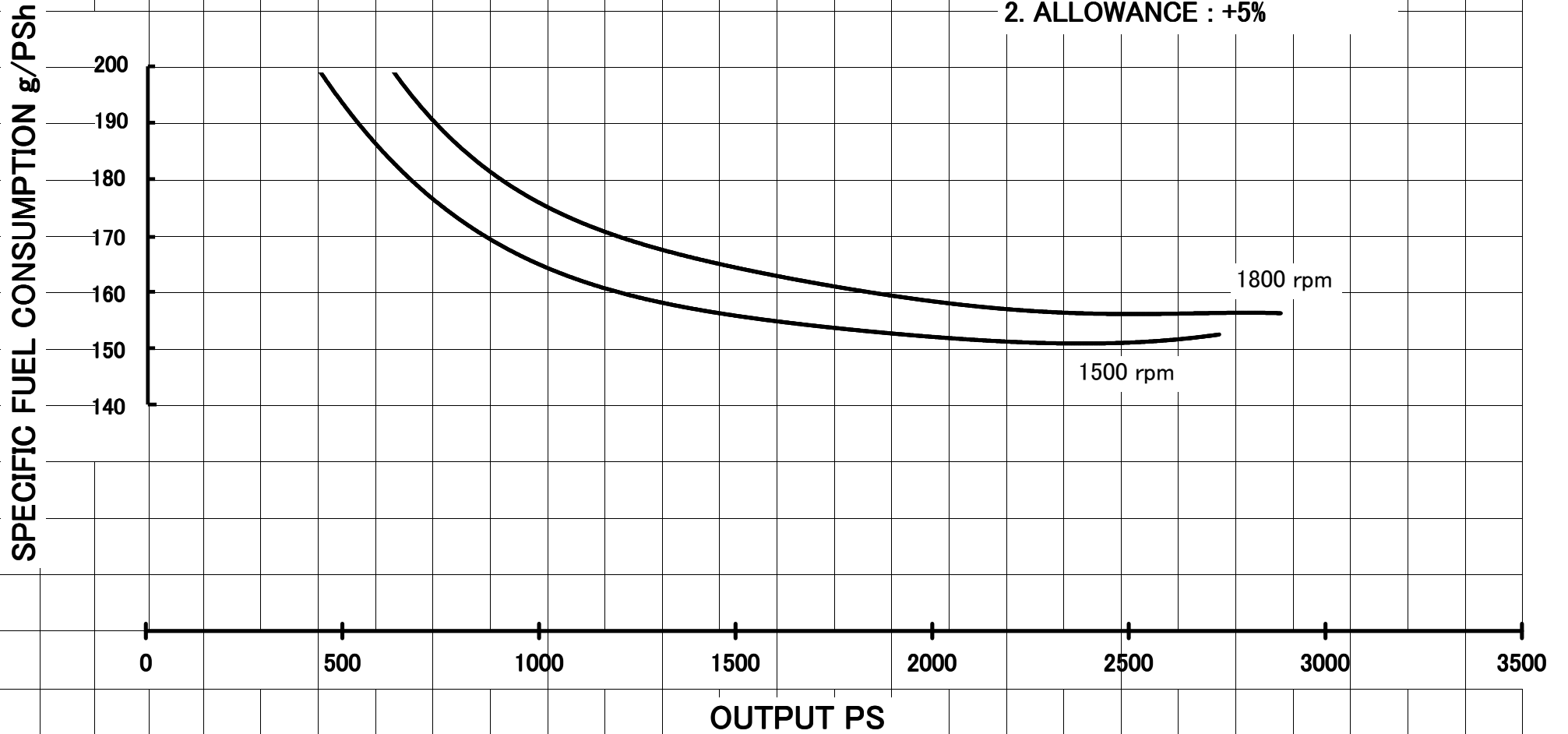
1500 rpm

1800 rpm



**SPECIFIC FUEL CONSUMPTION
MODEL : S16R-PTAA2**

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%



SPECIFIC FUEL CONSUMPTION MODEL : S12R-2 1500rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

SPECIFIC FUEL CONSUMPTION g/PS_h

220
210
200
190
180
170
160
150
140

200
190
180
170
160
150
140

0 200 500 1000 1500 2000 2100

OUTPUT PS

WITH FAN

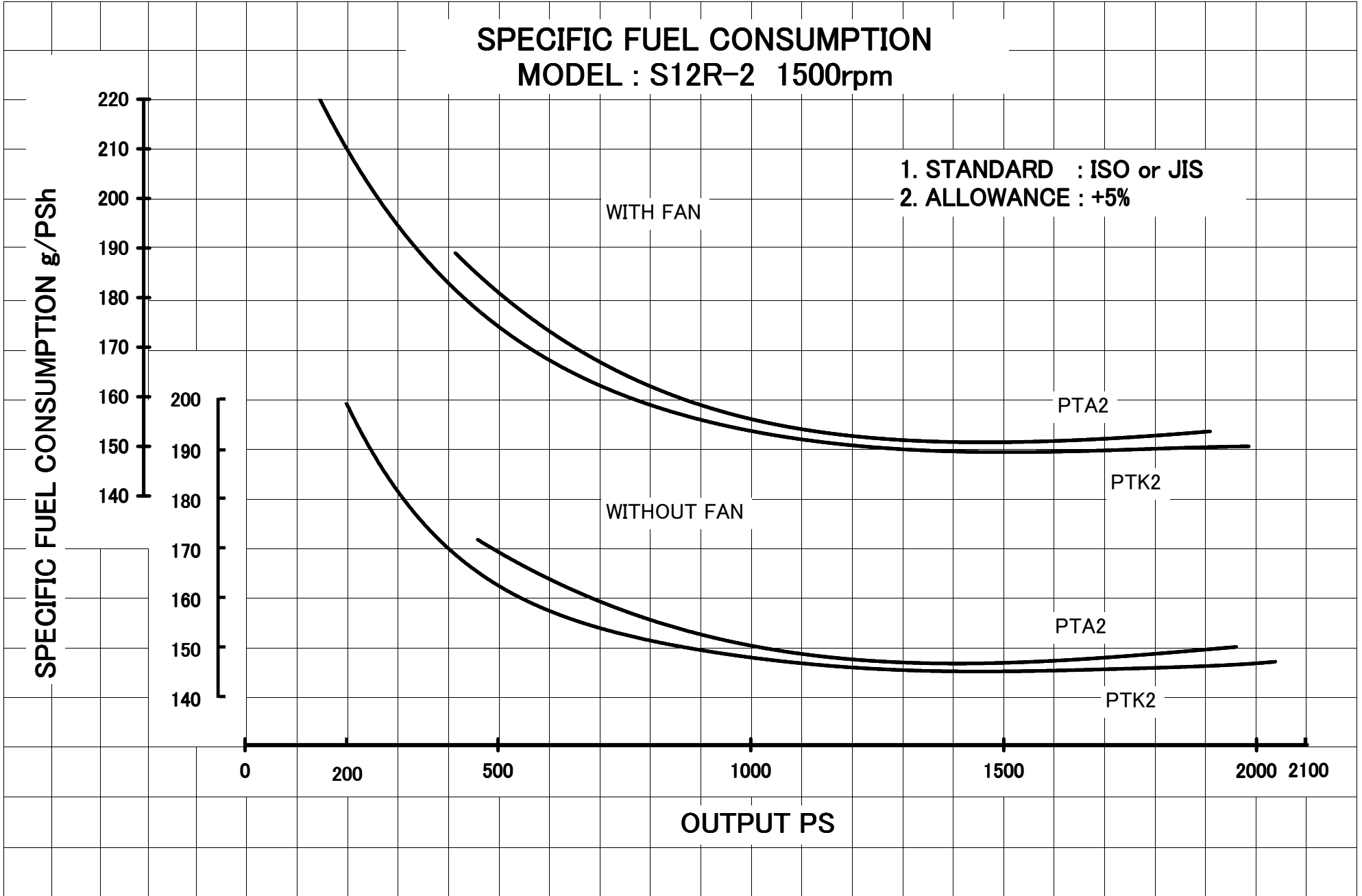
WITHOUT FAN

PTA2

PTK2

PTA2

PTK2



SPECIFIC FUEL CONSUMPTION MODEL : S12R-2 1800rpm

- 1. STANDARD : ISO or JIS
- 2. ALLOWANCE : +5%

