## **TECHNICAL DATASHEET F 40 FOX**



## F 40 FOX





## **BIG FOX "FOX"**



For i	Huetrativ	e purposes	only

Description         FPT IVECO           Engine model         R24MSFS01.40           Cylinders         4           RPM speed         1500           Cubic capacity         2.40           Air intake         Turbocharged           Standard voltage         Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1170         kPa           Cooling         Water           Flywheel P.R.P. Power net         38.2         kW           Fuel Cons. at 100% (E.P.)         11.0         l/h           Fuel Cons. at 100% (P.R.P)         9.9         l/h           Fuel Cons. at 75% (P.R.P.)         8.0         l/h           Fuel Cons. at 25% (P.R.P.)         5.8         l/h           Fuel Cons. at 25% (P.R.P.)         2.6         l/h </th <th>ENGINE</th> <th></th> <th></th>	ENGINE		
Engine model R24MSFS01.40  Cylinders 4  RPM speed 1500  Cubic capacity 2.40    Air intake Turbocharged  Standard voltage 12 Vdc  Optional voltage Vdc  Sae 3-11½  BMEP 1170 kPa  Cooling Water  Flywheel P.R.P. Power net 34.6 kW  Flywheel E.P. Power net 38.2 kW  Fuel Cons. at 100% (P.R.P) 9.9 l/h  Fuel Cons. at 100% (P.R.P) 9.9 l/h  Fuel Cons. at 50% (P.R.P.) 8.0 l/h  Fuel Cons. at 25% (P.R.P.) 5.8 l/h  Fuel Cons. at 25% (P.R.P.) 2.6 l/h  Electronic regulator On request  Precision class G2  Oil quantity 10.5 l  Engine Antifreeze capacity 2.6 l  Radiator type TE  Heat from radiator 0.0 kW  Heat from radiator 0.0 kW  Exhaust temperature 0 °C  Portata Raffreddamento 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA		FDT IVECO	
Cylinders         4           RPM speed         1500           Cubic capacity         2.40           Air intake         Turbocharged           Standard voltage         Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1170         kPa           Cooling         Water           Flywheel P.R.P. Power net         34.6         kW           Flywheel E.P. Power net         38.2         kW           Fuel Cons. at 100% (E.P.)         11.0         l/h           Fuel Cons. at 100% (P.R.P)         9.9         l/h           Fuel Cons. at 50% (P.R.P.)         5.8         l/h           Fuel Cons. at 50% (P.R.P.)         5.8         l/h           Fuel Cons. at 50% (P.R.P.)         5.8         l/h           Fuel Cons. at 25% (P.R.P.)         2.6         l/h           Electronic regulator         On request           Precision class         G2         O           Oil quantity         10.5         I           Engine Antifreeze capacity         2.6         I           Radiator type         TE         Heat from radiator         0.0         kW           Heat from radiation			
RPM speed         1500           Cubic capacity         2.40             Air intake         Turbocharged           Standard voltage         12           Vdc           Optional voltage         Vdc         Vdc           Sae         3-11½         BMEP         1170           kPa           Cooling         Water         Flywheel P.R.P. Power net         34.6           kW           Flywheel E.P. Power net         38.2           kW           Flywheel E.P. Power net         38.2           kW           Fuel Cons. at 100% (E.P.)         11.0           /h           Fuel Cons. at 100% (P.R.P)         9.9           /h           Fuel Cons. at 75% (P.R.P.)         8.0           /h           Fuel Cons. at 25% (P.R.P.)         5.8  /h         /h           Fuel Cons. at 25% (P.R.P.)         2.6  /h         /h           Fuel Cons. at 25% (P.R.P.)         2.			
Cubic capacity         2.40         I           Air intake         Turbocharged           Standard voltage         12         Vdc           Optional voltage         Vdc         Vdc           Sae         3-11½         Vale           BMEP         1170         kPa           Cooling         Water         Flywheel P.R.P. Power net         34.6         kW           Flywheel E.P. Power net         38.2         kW           Fuel Cons. at 100% (E.P.)         11.0         l/h           Fuel Cons. at 100% (P.R.P.)         9.9         l/h           Fuel Cons. at 75% (P.R.P.)         8.0         l/h           Fuel Cons. at 50% (P.R.P.)         5.8         l/h           Fuel Cons. at 25% (P.R.P.)         2.6         l/h           Fuel Cons. at 50% (P.R.P.)         3.0         l/h           Fuel Cons. at 50% (P.R.P.)         2.6         l/h		•	
Air intake         Turbocharged           Standard voltage         12 Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1170 kPa           Cooling         Water           Flywheel P.R.P. Power net         34.6 kW           Flywheel E.P. Power net         38.2 kW           Fuel Cons. at 100% (E.P.)         11.0 l/h           Fuel Cons. at 100% (P.R.P)         9.9 l/h           Fuel Cons. at 75% (P.R.P.)         8.0 l/h           Fuel Cons. at 50% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft/2         N           EPA         N	RPM speed		
Standard voltage         12         Vdc           Optional voltage         Vdc           Sae         3-11½           BMEP         1170         kPa           Cooling         Water           Flywheel P.R.P. Power net         34.6         kW           Flywheel E.P. Power net         38.2         kW           Fuel Cons. at 100% (E.P.)         11.0         l/h           Fuel Cons. at 100% (P.R.P)         9.9         l/h           Fuel Cons. at 75% (P.R.P.)         8.0         l/h           Fuel Cons. at 50% (P.R.P.)         5.8         l/h           Fuel Cons. at 25% (P.R.P.)         2.6         l/h           Fuel Cons. at 25% (P.R.P.)         3.0         l/h           Fuel Cons. at 25% (P.R.P.)         2.6         l/h           Fuel Cons. at 25% (P.R.P.)         3.0         l/h </td <td>Cubic capacity</td> <td>2.40</td> <td>I</td>	Cubic capacity	2.40	I
Optional voltage         Vdc           Sae         3-11½           BMEP         1170 kPa           Cooling         Water           Flywheel P.R.P. Power net         34.6 kW           Flywheel E.P. Power net         38.2 kW           Fuel Cons. at 100% (E.P.)         11.0 l/h           Fuel Cons. at 100% (P.R.P)         9.9 l/h           Fuel Cons. at 75% (P.R.P.)         8.0 l/h           Fuel Cons. at 50% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft/2         N           EPA         N	Air intake	Turbocharged	
Sae       3-11½         BMEP       1170 kPa         Cooling       Water         Flywheel P.R.P. Power net       34.6 kW         Flywheel E.P. Power net       38.2 kW         Fuel Cons. at 100% (E.P.)       11.0 l/h         Fuel Cons. at 100% (P.R.P)       9.9 l/h         Fuel Cons. at 75% (P.R.P.)       8.0 l/h         Fuel Cons. at 50% (P.R.P.)       5.8 l/h         Fuel Cons. at 25% (P.R.P.)       2.6 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       10.5 l         Engine Antifreeze capacity       2.6 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       36.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         EPA       N	Standard voltage	12	Vdc
BMEP         1170 kPa           Cooling         Water           Flywheel P.R.P. Power net         34.6 kW           Flywheel E.P. Power net         38.2 kW           Fuel Cons. at 100% (E.P.)         11.0 l/h           Fuel Cons. at 100% (P.R.P)         9.9 l/h           Fuel Cons. at 55% (P.R.P.)         8.0 l/h           Fuel Cons. at 55% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           EPA         N	Optional voltage		Vdc
Cooling         Water           Flywheel P.R.P. Power net         34.6 kW           Flywheel E.P. Power net         38.2 kW           Fuel Cons. at 100% (E.P.)         11.0 l/h           Fuel Cons. at 100% (P.R.P)         9.9 l/h           Fuel Cons. at 75% (P.R.P.)         8.0 l/h           Fuel Cons. at 50% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           EPA         N	Sae	3-11½	
Flywheel P.R.P. Power net       34.6 kW         Flywheel E.P. Power net       38.2 kW         Fuel Cons. at 100% (E.P.)       11.0 l/h         Fuel Cons. at 100% (P.R.P)       9.9 l/h         Fuel Cons. at 75% (P.R.P.)       8.0 l/h         Fuel Cons. at 50% (P.R.P.)       5.8 l/h         Fuel Cons. at 25% (P.R.P.)       2.6 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       10.5 l         Engine Antifreeze capacity       2.6 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       36.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	BMEP	1170	kPa
Flywheel E.P. Power net         38.2 kW           Fuel Cons. at 100% (E.P.)         11.0 l/h           Fuel Cons. at 100% (P.R.P)         9.9 l/h           Fuel Cons. at 75% (P.R.P.)         8.0 l/h           Fuel Cons. at 50% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Cooling	Water	
Fuel Cons. at 100% (E.P.)       11.0 l/h         Fuel Cons. at 100% (P.R.P)       9.9 l/h         Fuel Cons. at 75% (P.R.P.)       8.0 l/h         Fuel Cons. at 50% (P.R.P.)       5.8 l/h         Fuel Cons. at 25% (P.R.P.)       2.6 l/h         Electronic regulator       On request         Precision class       G2         Oil quantity       10.5 l         Engine Antifreeze capacity       2.6 l         Radiator type       TE         Heat from radiator       0.0 kW         Heat from exhaust       36.0 kW         Heat from radiation       0.0 kW         Exhaust temperature       0 °C         Portata Raffreddamento       0.0 m³/min         Combustion air flow       0.0 m³/min         Exhaust gas flow       0.0 m³/min         TA Luft       N         TA Luft/2       N         EPA       N	Flywheel P.R.P. Power net	34.6	kW
Fuel Cons. at 100% (P.R.P.)         9.9 l/h           Fuel Cons. at 75% (P.R.P.)         8.0 l/h           Fuel Cons. at 50% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Flywheel E.P. Power net	38.2	kW
Fuel Cons. at 75% (P.R.P.)         8.0 I/h           Fuel Cons. at 50% (P.R.P.)         5.8 I/h           Fuel Cons. at 25% (P.R.P.)         2.6 I/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 I           Engine Antifreeze capacity         2.6 I           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 100% (E.P.)	11.0	l/h
Fuel Cons. at 50% (P.R.P.)         5.8 l/h           Fuel Cons. at 25% (P.R.P.)         2.6 l/h           Electronic regulator         On request           Precision class         G2           Oil quantity         10.5 l           Engine Antifreeze capacity         2.6 l           Radiator type         TE           Heat from radiator         0.0 kW           Heat from exhaust         36.0 kW           Heat from radiation         0.0 kW           Exhaust temperature         0 °C           Portata Raffreddamento         0.0 m³/min           Combustion air flow         0.0 m³/min           Exhaust gas flow         0.0 m³/min           TA Luft         N           TA Luft/2         N           EPA         N	Fuel Cons. at 100% (P.R.P)	9.9	l/h
Fuel Cons. at 25% (P.R.P.)  Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  O °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  On request  On request  On request  On request  On request  On vec  It is in the sample of	Fuel Cons. at 75% (P.R.P.)	8.0	l/h
Electronic regulator  Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  TE  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  Portata Raffreddamento  Combustion air flow  TA Luft  TA Luft/2  EPA  Oil quantity  10.5  I  0.0  kW  10.5  I  0.0  kW  0.0  Million  N  N  N  N  N  N  N  N  N  N  N  N  N	Fuel Cons. at 50% (P.R.P.)	5.8	l/h
Precision class  G2  Oil quantity  Engine Antifreeze capacity  Radiator type  Heat from radiator  Heat from exhaust  Heat from radiation  Combustion air flow  TE  Processes  One of C  On	Fuel Cons. at 25% (P.R.P.)	2.6	l/h
Oil quantity  Engine Antifreeze capacity  Radiator type  TE  Heat from radiator  Heat from exhaust  Heat from radiation  Exhaust temperature  O °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  IN  IE  10.5  I  10.0  I  10	Electronic regulator	On request	
Engine Antifreeze capacity  Radiator type  TE  Heat from radiator  Heat from exhaust  Heat from radiation  Combustion air flow  TA Luft  TA Luft/2  Radiator type  TE  TE  Heat  TE  Heat  TE  Heat  TE  Heat  TA Luft  TA Luft/2  EPA  TE  TE  No  No  No  No  No  No  No  No  No  N	Precision class	G2	
Radiator type  Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  Exhaust temperature  O °C  Portata Raffreddamento  Combustion air flow  Exhaust gas flow  TA Luft  TA Luft/2  EPA  TE  TE  TO  TA  TA  TA  TA  TA  TA  TA  TA  TA	Oil quantity	10.5	I
Heat from radiator  Heat from exhaust  Heat from exhaust  Heat from radiation  Solve to the problem of the prob	Engine Antifreeze capacity	2.6	I
Heat from exhaust 36.0 kW  Heat from radiation 0.0 kW  Exhaust temperature 0 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft N  TA Luft/2 N  EPA N	Radiator type	TE	
Heat from radiation 0.0 kW  Exhaust temperature 0 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiator	0.0	kW
Exhaust temperature 0 °C  Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from exhaust	36.0	kW
Portata Raffreddamento 0.0 m³/min  Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Heat from radiation	0.0	kW
Combustion air flow 0.0 m³/min  Exhaust gas flow 0.0 m³/min  TA Luft N  TA Luft/2 N  EPA N	Exhaust temperature	0	°C
Exhaust gas flow 0.0 m³/min TA Luft N TA Luft/2 N EPA N	Portata Raffreddamento	0.0	m³/min
TA Luft N TA Luft/2 N EPA N	Combustion air flow	0.0	m³/min
TA Luft/2 N EPA N	Exhaust gas flow	0.0	m³/min
EPA N	TA Luft	N	
	TA Luft/2	N	
Stage	EPA	N	
Stage	Stage	3	

MAIN DATA	
Continuous power (PRP)	<b>40.00</b> kVA
Continuous power (PRP)	<b>32.00</b> kW
Emergency power (E.P.)	<b>44.00</b> kVA
Emergency power (E.P.)	<b>35.20</b> kW
VAC - HZ - cos(fi)	400 - 50 - 0.8
Sound pressure 7 m.	<b>64.0</b> dBA

DIMENSIONS AND WEIGHT		
Width	1040 mm	
Length	2260 mm	
Height	1790 mm	
Weight	950 kg	

ALTERNATOR		
Description	STAMFORD	
Alternator model	S1L2-K	
P.R.P. Power	40.0	kVA
E.P. Power	44.0	kVA
Connection	Series star	
Phases	3FN	
Winding	311	
Terminal Number	12	nr.
IP Protection	23	
Electronic regulator	AS540	
Precision	1.0	± %

BASEFRAME	
Model	FOX
Standard tank	90 I
Optional tank	0 1
Oversized tank*	0 1

CANOPY & SILENCER		
Canopy model	FOX	
Silencer model	F50/02	
Silencer outlet diameter	50.0	mm

Standard reference conditions temperature 25°C, altitude 100m asl, relative humidity 30%, atmospheric pressure 100 kPa (1 bar), power factor 0.8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0.850kg/l. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical data sheet and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accessories can modify weight, dimensions, performance. P.R.P. Prime Power-Continuous power at variable load: The power that a genset can supply in continuous service at a variable load for an unlimited number of hours per year while respecting the maintenance intervals established in the environmental conditions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time and any applicable overload must be less than the percentages stated by the Manufacturer. E.P. - Emergency power: This is the maximum power that a generating set can deliver for a limited number of hours per year while complying with the maintenance frequency stipulated under the environmental conditions set by the Manufacturer. The number of hours per year is determined by the engine manufacturer. The average power output over time must be lower than the percentages set by the engine manufacturer. Overloading is not allowed.

The data contained in this document is nominal and refers to the standard equipped model and is not binding. Visa S.p.A. reserves the right to revise the information without notice per our policy of continuous product development and improvement.