914

THE ENGINE FOR CONSTRUCTION EQUIPMENT

Engine Type	**F 3 L 914**
Number of cylinders	3
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	3.2 (197)
Compression ratio	20
Maximum rated speed min* (rpm)	2500
Power Output *	
Power output kW (hp)	44.0-46.2 (59.0-61.9)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	202 (149.0)
At speed min* (rpm)	1500
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	215 (0.348)
Weight as per DIN 70020 part 7A*** kg (lb)	277 (610.7)

Engine Type	**F 4 L 914**
Number of cylinders	4
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	4.3 (263)
Compression ratio	20
Maximum rated speed min* (rpm)	2500
Power Output *	
Power output kW (hp)	59.0-61.5 (79.1-82.5)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	270 (199.1)
At speed min* (rpm)	1500
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	215 (0.348)
Weight as per DIN 70020 part 7A*** kg (lb)	307 (676.8)

Engine Type	**F 5 L 914**
Number of cylinders	5
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	5.4 (3.29)
Compression ratio	20
Maximum rated speed min* (rpm)	2500
Power Output *	
Power output kW (hp)	71.7-74.9 (96.1-100.4)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	333 (245.6)
At speed min* (rpm)	1500
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	215 (0.348)
Weight as per DIN 70020 part 7A*** kg (lb)	380 (837.7)

Engine Type	**F 6 L 914**
Number of cylinders	6
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	6.5 (395)
Compression ratio	20
Maximum rated speed min* (rpm)	2500
Power Output *	
Power output kW (hp)	89.0-92.2 (119.3-123.6)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	400 (295.0)
At speed min* (rpm)	1500
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	220 (0.356)
Weight as per DIN 70020 part 7A*** kg (lb)	430 (948.0)

Engine Type	**BF 3 L 914**
Number of cylinders	3
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	3.2 (197)
Compression ratio	18
Maximum rated speed min* (rpm)	2500

Power Output *	
Power output kW (hp)	51.0-53.4 (68.4-71/6)
At speed min* (rpm)	2300
Maximum torque Nm (lb ft)	257 (189.5)
At speed min* (rpm)	1600
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	220 (0.356)
Weight as per DIN 70020 part 7A*** kg (lb)	312 (687.8)

Engine Type	**BF4 L 914**
Number of cylinders	4
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	4.3 (263)
Compression ratio	18
Maximum rated speed min* (rpm)	2500

Power Output *	
Power output kW (hp)	71.7-74.9 (96.1-100.4)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	355 (264.7)
At speed min* (rpm)	1600
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	220 (0.356)
Weight as per DIN 70020 part 7A*** kg (lb)	350 (771.6)

Engine Type	**BF6 L 914**
Number of cylinders	6
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	6.5 (395)
Compression ratio	18
Maximum rated speed min* (rpm)	2500

Power Output *	
Power output kW (hp)	110.0-114.9 (147.5-154.0)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	550 (405.6)
At speed min* (rpm)	1600
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	220 (0.356)
Weight as per DIN 70020 part 7A*** kg (lb)	485 (1069.2)

BF6 L 914 C

Engine Type

Number of cylinders	6
Bore mm (in)	102 (4.01)
Stroke mm (in)	132 (5.19)
Displacement l cu (in)	6.5 (395)
Compression ratio	18
Maximum rated speed min* (rpm)	2500

Power Output *

Power output kW (hp)	141.0-148.5 (189.0-199.1)
At speed min* (rpm)	2500
Maximum torque Nm (lb ft)	700 (516.2)
At speed min* (rpm)	1600
Minimum idling speed min* (rpm)	650
Specific fuel consumption ** g /kWh (lb/hph)	210 (0.340)
Weight as per DIN 70020 part 7A*** kg (lb)	510 (1124.3)

* Power ratings without deduction fan power requirement, included cooling system.

** At optimal operating point without cooling fan, based on diesel fuel with a specific gravity of 0.835 kg/dm3 at 15°C.

*** Without starter motor/alternator, radiator and liquids, but with flywheel and flywheel housing and complete integrated cooling system. Characteristics based on max. possible torque.

Website: www.pps-bv.nl