Together, we power ahead.



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Diesel engine ratings definitions

IND-A (Continuous)

Continuous heavy-duty service where the engine is operated at maximum power and speed up to 100% of the time without interruption or load cycling.

IND-B

For service where power and/or speed are cyclic (time at full load not to exceed 80%).

IND-C (Intermittent)

The horsepower and speed capability of the engine where maximum power and/or speed are cyclic (time at full load not to exceed 50%).

IND-D

For service where maximum power is required for periodic overloads (time at full load not to exceed 10% of the duty cycle).

IND-E

For service where maximum power is required for a short time for initial starting or sudden overload. For emergency service where standard power is unavailable (time at full load not to exceed 5% of the duty cycle).

Abbreviations

For engine aspirations

NA ..... naturally aspirated

T ..... turbocharged

TA ..... turbocharged and aftercooled

TTA..... twin turbocharged and aftercooled

For aftertreatment

DOC ..... diesel oxidation catalyst

DPF ..... diesel particulate filter

SCR ..... selective catalytic reduction

Information is subject to change without notification.

Rating conditions

Rating conditions for engines up to and including 7.1 litre displacement are based on ISO/TR14396.

Ratings for engines above 7.1 litre displacement are based on SAEJ1995.

The charts represent only a selection of the power ratings available from the Perkins industrial engine range and may not yet be in full production. Other emissions standards may be available.

Contact your Perkins distributor **www.perkins.com/distributor** for advice on your powertrain.

EU Stage V

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
0.51	402J-05	2	NA	8.8 (11.8)	3000	30 (22)	2100	-	C	-
0.76	403J-07	3	NA	9 (12.1)	2200	40 (30)	1800	-	C	-
				12.2 (16.4)	2800	46 (34)	2000			
				13.3 (17.8)	3600	44 (32)	2400			
1.1	403J-11	3	NA	14.7 (19.7)	2200	67 (49)	2100	-	C	Y
				16.1 (22)	2400	67 (49)	2100			
				18.4 (25)	2800	67 (49)	2100			
	403J-11T		T	18.4 (25)	2400	86 (63)	1600			-
				18.4 (25)	2800	86 (63)	1600			
1.7	403J-17	3	NA	18.4 (25)	2800	85 (63)	1800	-	C	-
				18.4 (25)	2200	92 (68)	1600			
	403J-17T		T	18.4 (25)	2800	90 (66)	1800			
				18.4 (25)	2200	94 (69)	1700			
	403J-E17T			36 (48)	2800	166 (122)	1600	DOC+DPF		Y

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
2.2	404J-E22T	4	T	36 (48)	2800	190 (140)	1600	DOC+DPF	C	Y
				45 (60)	2800	222 (164)	1600			
	404J-E22TA		TA	45 (60)	2800	235 (173)	1600			
				50 (67)	2800	252 (186)	1600			
				55 (74)	2800	270 (199)	1600			
2.8	904J-E28T	4	T	55 (74)	2200-2400	265 (195)	1600	DOC+DPF	C	-
				55 (74)	2200-2400	300 (221)	1600			Y
	904J-E28TA		TA	55 (74)	2200-2400	380 (280)	1360			-
3.6	904J-E36TA	4	TA	55 (74)	2200-2400	424 (313)	1200	DOC+DPF	C	-
				86 (115)	2200-2400	500 (369)	1500	DOC+DPF+SCR		Y
				95 (127)	2000-2400	530 (391)	1500		D	-
				100 (134)	2000-2200	550 (406)	1500			Y
				106 (142)	2200	566 (417)	1500			-

EU Stage V

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
4.4	1204J-E44TA	4	TA	82 (110)	2000-2200	450 (332)	1400	DOC+DPF+SCR	C	-
				86 (115)	2000-2200	500 (369)	1400			
				93 (125)	2000-2200	530 (391)	1400			
				102 (137)	2000-2200	560 (413)	1400			Y
				110 (148)	2000-2200	560 (413)	1400			
	1204J-E44TTA		TTA	105 (141)	2000-2200	630 (465)	1400			-
				112 (150)	2000-2200	650 (479)	1400			Y
				129 (173)	2000-2200	750 (553)	1400			
				140 (188)	1800-2000	825 (609)	1400			
				150 (201)	2200	825 (609)	1400		D	-

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
7	1206J-E70TA	6	TA	129 (173)	1800-2200	842 (621)	1400	DOC+DPF+SCR	C	Y
				129 (173)	2200	842 (621)	1400			-
				151 (202)	1800-2200	870 (642)	1400			Y
				151 (202)	1800-2200	908 (670)	1400			-
	1206J-E70TTA		TTA	151 (202)	1800-2200	983 (725)	1400	DOC+DPF+SCR		Y
				186 (249)	1800-2200	1214 (895)	1400			
				205 (275)	1800-2200	1257 (927)	1400			
				225 (302)	1800-2200	1274 (940)	1400			
				239 (320)	2200	1282 (946)	1400		D	-
9.3	1706J-E93TA	6	TA	250 (335)	1800-2200	1537 (1134)	1400	DOC+DPF+SCR	A	Y
				280 (375)	1800-2200	1721 (1269)	1400		B	
				310 (416)	1800-2200	1904 (1404)	1400		C	
				340 (456)	1800-2000	2088 (1540)	1400		D	
12.5	2406J-E13TA	6	TA	340 (456)	1800-2100	2082 (1536)	1400	DOC+DPF+SCR	A	Y
				370 (496)	1800-2100	2266 (1671)	1400		B	
				400 (536)	1800-2100	2450 (1807)	1400		C	
				430 (577)	1800-2100	2634 (1943)	1400		D	

EU Stage V

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
12.9	2606J-E13TA	6	TA	340 (456)	1800-2100	2201 (1623)	1300	DOC+DPF+SCR	A	Y
				460 (617)	1800-2100	2901 (2140)	1300			
				480 (644)	1800-2100	3051 (2250)	1300		B	
				500 (670)	1800-2100	3200 (2360)	1300		C	
				515 (691)	1800-2100	3200 (2360)	1300		D	
15.2	2506J-E15TA	6	TA	354 (475)	1800-2100	2174 (1604)	1400	DOC+DPF+SCR	A	Y
				354 (475)	1800-2100	2174 (1604)	1400		B	
				403 (540)	1800-2100	2472 (1823)	1400		C	
				433 (581)	1800-2100	2655 (1958)	1400		D	
18.1	2806J-E18TA	6	TA	429 (575)	1800-2000	2694 (1987)	1300	DOC+DPF+SCR	A	Y
				447 (599)	1800-2000	2811 (2073)	1300		B	
				470 (630)	1800-2000	2951 (2177)	1300		C	
	2806J-E18TTA		TTA	563 (755)	1800	3501 (2582)	1300	DOC		
				576 (772)	1800	3529 (2603)	1300		D	
				597 (801)	1800	3710 (2736)	1300			

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
0.51	402F-05	2	NA	7.5 (10.1)	2800	26 (19.2)	2200	-	C	-
0.76	403F-07	3	NA	8.8 (11.8)	2200	41 (30)	2000	-	C	-
1.1	403F-11	3	NA	17.8 (24)	2800	65 (48)	2100	-	C	Y
	403F-11T		T	17.8 (24)	2800	82 (60)	1600			-
				17.8 (24)	2400	82 (60)	1600			
	403J-11		NA	14.7 (19.7)	2200	67 (49)	2100			Y
				16.1 (22)	2400	67 (49)	2100			
1.7	403F-17	3	NA	17.8 (24)	2800	83 (61)	1800	-	C	-
				17.8 (24)	2200	89 (66)	1600			
	403J-E17T		T	36 (48)	2800	166 (122)	1600	DOC+DPF		Y

U.S. EPA Tier 4 Final

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
2.2	404J-E22T	4	T	36 (48)	2800	190 (140)	1600	DOC+DPF	C	Y
				45 (60)	2800	222 (164)	1600			
	404J-E22TA		TA	45 (60)	2800	235 (173)	1600			
				50 (67)	2800	252 (186)	1600			
				55 (74)	2800	270 (199)	1600			
2.8	904J-E28T	4	T	55 (74)	2200-2400	265 (195)	1600	DOC+DPF	C	-
				55 (74)	2200-2400	300 (221)	1600			Y
	904J-E28TA		TA	55 (74)	2200-2400	380 (280)	1360			-
3.6	904J-E36TA	4	TA	55 (74)	2200-2400	424 (313)	1200	DOC+DPF	C	-
				86 (115)	2200-2400	500 (369)	1500	DOC+DPF+SCR		Y
				95 (127)	2000-2400	530 (391)	1500		D	-
				100 (134)	2000-2200	550 (406)	1500			Y
				106 (142)	2200	566 (417)	1500			-

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
4.4	1204J-E44TA	4	TA	82 (110)	2000-2200	450 (332)	1400	DOC+DPF+SCR	C	-
				86 (115)	2000-2200	500 (369)	1400			
				93 (125)	2000-2200	530 (391)	1400			
				102 (137)	2000-2200	560 (413)	1400			Y
				110 (148)	2000-2200	560 (413)	1400			
	1204J-E44TTA		TTA	105 (141)	2000-2200	630 (465)	1400			-
				112 (150)	2000-2200	650 (479)	1400			Y
				129 (173)	2000-2200	750 (553)	1400			
				140 (188)	1800-2000	825 (609)	1400			
				150 (201)	2200	825 (609)	1400		D	-

U.S. EPA Tier 4 Final

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
7	1206J-E70TA	6	TA	129 (173)	1800-2200	842 (621)	1400	DOC+DPF+SCR	C	Y
				129 (173)	2200	842 (621)	1400			-
				151 (202)	1800-2200	870 (642)	1400			Y
				151 (202)	1800-2200	908 (670)	1400			-
	1206J-E70TTA		TTA	151 (202)	1800-2200	983 (725)	1400	DOC+DPF+SCR		Y
				186 (249)	1800-2200	1214 (895)	1400			
				205 (275)	1800-2200	1257 (927)	1400			
				225 (302)	1800-2200	1274 (940)	1400			
				239 (320)	2200	1282 (946)	1400		D	-
9.3	1706J-E93TA	6	TA	250 (335)	1800-2200	1537 (1134)	1400	DOC+DPF+SCR	A	Y
				280 (375)	1800-2200	1721 (1269)	1400		B	
				310 (416)	1800-2200	1904 (1404)	1400		C	
				340 (456)	1800-2000	2088 (1540)	1400		D	
12.5	2406J-E13TA	6	TA	340 (456)	1800-2100	2082 (1536)	1400	DOC+DPF+SCR	A	Y
				370 (496)	1800-2100	2266 (1671)	1400		B	
				400 (536)	1800-2100	2450 (1807)	1400		C	
				430 (577)	1800-2100	2634 (1943)	1400		D	

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
12.9	2606J-E13TA	6	TA	340 (456)	1800-2100	2201 (1623)	1300	DOC+DPF+SCR	A	Y
				460 (617)	1800-2100	2901 (2140)	1300			
				480 (644)	1800-2100	3051 (2250)	1300		B	
				500 (670)	1800-2100	3200 (2360)	1300		C	
				515 (691)	1800-2100	3200 (2360)	1300		D	
15.2	2506J-E15TA	6	TA	354 (475)	1800-2100	2174 (1604)	1400	DOC+DPF+SCR	A	Y
				354 (475)	1800-2100	2174 (1604)	1400		B	
				403 (540)	1800-2100	2472 (1823)	1400		C	
				433 (581)	1800-2100	2655 (1958)	1400		D	
18.1	2806J-E18TA	6	TA	429 (575)	1800-2000	2694 (1987)	1300	DOC+DPF+SCR	A	Y
				447 (599)	1800-2000	2811 (2073)	1300		B	
				470 (630)	1800-2000	2951 (2177)	1300		C	
	2806J-E18TTA		TTA	576 (772)	1800	3529 (2603)	1300	DOC	D	
				597 (801)	1800	3710 (2736)	1300			

China Nonroad Stage IV

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
1.1	403EA-11	3	NA	16.1 (22)	2400	68 (50)	2100	-	C	-
				18.4 (25)	2800	68 (50)	2100			
	403EA-11T		T	18.4 (25)	2400	86 (63)	1600			
1.7	403EA-17	3	NA	18.9 (25)	2200	98 (72)	1400	-	C	-
2.2	404EA-22	4	NA	34 (46)	2400	141 (104)	1800	-	C	-
				36 (48)	2800	140 (103)	1800			
	404EA-22T		T	36 (48)	2500	190 (140)	1700			
3.6	904EA-E36TA	4	TA	74 (99)	2200	430 (317)	1500	DOC+DPF	C	-
				82 (110)	2200	450 (332)	1500			
4.4	1204EA-E44TA	4	TA	110 (148)	2000	560 (413)	1400	DOC+DPF	C	-
	1204EA-E44TTA		TTA	112 (150)	2200	650 (479)	1400			
				117 (157)	1900-2200	730 (538)	1400			
				129 (173)	1900-2200	750 (553)	1400			

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
7	1206EA-E70TA	6	TA	130 (174)	1800-2200	842 (621)	1400	DOC+DPF+SCR	C	-
				151 (202)	1800-2200	870 (642)	1400			
	1206EA-E70TTA		TTA	151 (202)	1800-2200	983 (725)	1400			
				168 (225)	1800-2200	1092 (805)	1400			
				186 (249)	1800-2200	1214 (895)	1400			
				205 (275)	1800-2200	1257 (927)	1400			
9.3	1706EA-E93TA	6	TA	250 (335)	2200	1537 (1134)	1400	DOC+DPF+SCR	A	Y
				280 (375)	2200	1721 (1269)	1400		B	
				310 (416)	2200	1904 (1404)	1400		C	
				340 (456)	2000	2088 (1540)	1400		D	
12.5	2406EA-E13TA	6	TA	340 (456)	2100	2082 (1536)	1400	DOC+DPF+SCR	A	Y
				370 (496)	2100	2266 (1671)	1400		B	
				400 (536)	2100	2450 (1807)	1400		C	
				430 (577)	2100	2634 (1943)	1400		D	

China Nonroad Stage IV

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
12.9	2606EA-E13TA	6	TA	340 (456)	2100	2201 (1623)	1300	DOC+DPF+SCR	A	Y
				460 (617)	2100	2901 (2140)	1300			
				480 (644)	2100	3051 (2250)	1300		B	
				500 (670)	2100	3200 (2360)	1300		C	
				515 (691)	2100	3200 (2360)	1300		D	
15.2	2506EA-E15TA	6	TA	354 (475)	2100	2174 (1604)	1400	DOC+DPF+SCR	A	Y
				354 (475)	2100	2174 (1604)	1400		B	
				403 (540)	2100	2472 (1823)	1400		C	
				433 (581)	2100	2655 (1958)	1400		D	
18.1	2806EA-E18TA	6	TA	429 (575)	2000	2694 (1987)	1300	DOC+DPF+SCR	A	Y
				447 (599)	2000	2811 (2073)	1300		B	
				470 (630)	2000	2951 (2177)	1300		C	

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
0.51	402D-05	2	NA	8.2 (11)	2800	30 (22)	2100	-	C	-
				10.2 (13.7)	3600	30 (22)	2600			Y
0.76	403D-07	3	NA	15.3 (21)	3600	50 (37)	2400	-	C	Y
1.1	403D-11	3	NA	19.7 (26)	3000	67 (49)	2100	-	C	Y
				21 (28)	3400	67 (49)	2400			-
1.5	403D-15	3	NA	21 (28)	2200	96 (71)	1800	-	C	Y
				23 (31)	2600	96 (71)	1800			
				24 (32)	2800	96 (71)	1800			
				25 (34)	3000	96 (71)	1800			
	403D-15T		T	27 (36)	2600	112 (83)	1800			-
				29 (39)	2800	112 (83)	1800			
				30 (40)	3000	112 (83)	1800			
1.7	403D-17	3	NA	24 (32)	2400	105 (77)	1800	-	C	-

UN ECE R96 Stage IIIA or below

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
2.2	404D-22	4	NA	36 (48)	2600	143 (105)	1800	-	C	Y
				37 (50)	2800	143 (105)	1800			
				38 (51)	3000	143 (105)	1800			
	404D-22T		T	43 (58)	2600	185 (136)	1800			
				45 (60)	2800	192 (142)	1800			
				46 (62)	3000	189 (139)	1800			
	404D-22TA		TA	49 (66)	2800	200 (148)	1800			
2.8	904D-E28T	4	T	55 (74)	2200-2400	265 (195)	1600	-	C	-
				55 (74)	2200-2400	300 (221)	1600			
3.3	1103D-33	3	NA	37 (50)	2200	189 (139)	1400	-	C	-
	1103D-33TA		TA	58 (78)	2200	310 (229)	1400			
3.6	904D-E36TA	4	TA	55 (74)	2200-2400	424 (313)	1200	-	C	-
				70 (94)	2200-2400	450 (332)	1500			
				82 (110)	2000-2400	500 (369)	1500			
				86 (115)	2000-2400	500 (369)	1500			
				90 (121)	2000-2400	500 (369)	1500			

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
4.4	1104D-44T	4	T	75 (101)	2200	392 (289)	1400	-	C	Y
	1104D-44TA		TA	83 (111)	2200	418 (308)	1400			
	1104D-E44T		T	75 (101)	2200	420 (310)	1400			-
	1104D-E44TA		TA	75 (101)	2200	441 (325)	1400			Y
				82 (110)	2200	486 (358)	1400			
				87 (117)	2200	516 (381)	1400			
				97 (130)	2200	516 (381)	1400			
				106 (142)	2200	558 (412)	1400			
7	1106D-70TA	6	TA	112 (150)	2200	672 (496)	1100	-	C	Y
				129 (173)	2000	900 (664)	1400			
	1106D-E70TA			117 (157)	2200	706 (521)	1400			
				129 (173)	2200	800 (590)	1400			
				159 (213)	2200	975 (719)	1400			
				186 (249)	2200	1050 (774)	1400			
				205 (275)	2200	1050 (774)	1400			

UN ECE R96 Stage IIIA or below

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
9.3	1706D-E93TA	6	TA	230 (308)	1800-2200	1416 (1044)	1400	-	A	Y
				250 (335)	1800-2200	1532 (1130)	1400			
				280 (375)	1800-2200	1715 (1265)	1400		B	
				310 (416)	1800-1900	1810 (1335)	1400		C	
12.5	2206D-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	-	A	Y
				309 (414)	1800-2100	1896 (1398)	1400		B	
				354 (475)	1800-2100	2094 (1545)	1400		D	
				388 (520)	1800-2100	2215 (1634)	1400		E	
				400 (536)	1800-2000	2122 (1565)	1800		C	
12.9	2606D-E13TA	6	TA	340 (456)	1800-2100	2201 (1623)	1300	-	A	Y
				370 (496)	1800-2100	2376 (1753)	1300			
				400 (536)	1800-2100	2575 (1899)	1300		B	
				430 (577)	1800-2100	2751 (2029)	1300		C	

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
15.2	2506D-E15TA	6	TA	328 (440)	1800-2100	2010 (1483)	1400	-	A	Y
				354 (475)	1800-2100	2171 (1601)	1400		B	
				403 (540)	1800-2100	2464 (1817)	1400		C	
				433 (581)	1800-2100	2649 (1954)	1400		D	
				444 (595)	1800-2100	2719 (2006)	1400		E	
18.1	2806D-E18TA	6	TA	429 (575)	1800-2100	2627 (1938)	1400	-	A	Y
				447 (599)	1800-2100	2742 (2022)	1400		B	
				470 (630)	1800-2100	2768 (2042)	1400		C	
				522 (700)	1800-2100	3201 (2361)	1400			

Unregulated

Litres	Model	Cylinders	Aspiration	Power kW (hp)	Rated Speed rpm	Maximum Torque Nm (lb ft)	Maximum Torque Speed rpm	Aftertreatment	Rating Type	Available as a Power Unit
4.4	1104A-44	4	NA	64 (86)	2200	293 (216)	1400	-	C	-
	1104A-44T		T	81 (109)	2200	404 (298)	1400			
	1104C-44		NA	64 (86)	2400	302 (223)	1400			Y
	1104C-44T		T	75 (101)	2300	408 (301)	1400			
	1104C-44TA		TA	97 (130)	2200	500 (369)	1400			
12.5	2206C-E13TA	6	TA	309 (414)	1800-2100	1896 (1398)	1400	-	B	Y
12.9	2606A-E13TA	6	TA	460 (617)	1800-2100	2901 (2140)	1300	-	A	Y
				480 (644)	1800-2100	3051 (2250)	1300		B	
				500 (670)	1800-2100	3200 (2360)	1300		C	
				515 (691)	1800-2100	3200 (2360)	1300		D	

Basic specifications

All of our engines are offered with a choice of factory configurable options. The weight and dimensions will depend on the final configuration selected to match your machine. The figures in this table are therefore indicative only, and do not include aftertreatment.

Model	Bore mm (in)	Stroke mm (in)	Length mm (in) Front of crank pulley to rear face of flywheel housing.	Width mm (in)	Height mm (in)	Dry Weight kg (lbs)
402J-05	67 (2.6)	72 (2.8)	407 (16)	371 (14.6)	523 (20.6)	57 (126)
403J-07	67 (2.6)	72 (2.8)	480 (18.9)	371 (14.6)	528 (20.8)	71 (157)
403J-11T	77 (3)	81 (3.2)	500 (19.7)	513 (20.2)	588 (23.1)	108 (238)
403D-15T	84 (3.3)	90 (3.5)	572 (22.5)	541 (21.3)	643 (25.3)	156.5 (345)
403J-E17T	84 (3.3)	100 (3.9)	719 (28.3)	535 (21.1)	565 (22.2)	190 (419)
404J-E22TA	84 (3.3)	100 (3.9)	808 (31.8)	535 (21.1)	758 (29.8)	242 (534)
904J-E28TA	90 (3.5)	110 (4.3)	633.1 (24.9)	542.5 (21.4)	785.5 (30.9)	320 (706)
1103D-33TA	105 (4.1)	127 (5)	546 (21.5)	586 (23.1)	826 (32.5)	276 (609)

Model	Bore mm (in)	Stroke mm (in)	Length mm (in) Front of crank pulley to rear face of flywheel housing.	Width mm (in)	Height mm (in)	Dry Weight kg (lbs)
904J-E36TA	98 (3.9)	120 (4.7)	667 (26.3)	564 (22.2)	787 (31)	372 (820)
1104D-E44TA	105 (4.1)	127 (5)	631 (24.8)	626 (24.6)	958 (37.7)	360 (794)
1204J-E44TTA	105 (4.1)	127 (5)	845 (33.3)	772 (30.4)	848 (33.4)	420 (926)
1106D-E70TA	105 (4.1)	135 (5.3)	1050 (41.3)	668 (26.3)	817 (32.2)	506 (1116)
1206J-E70TTA	105 (4.1)	135 (5.3)	1064 (41.9)	820 (32.3)	907 (35.7)	733 (1616)
1706J-E93TA	115 (4.5)	149 (5.9)	1125 (44.3)	791 (31.1)	1068 (42)	865 (1907)
2206D-E13TA	130 (5.1)	157 (6.2)	1295 (51)	1054 (41.5)	1186 (46.7)	1138 (2509)
2406J-E13TA	130 (5.1)	157 (6.2)	1274 (50.2)	994 (39.1)	1134 (44.6)	1125 (2481)
2606A-E13TA	130 (5.1)	162 (6.4)	1381 (54.4)	969 (38.1)	1273 (50.1)	1154 (2545)
2606D-E13TA	130 (5.1)	162 (6.4)	1381 (54.4)	969 (38.1)	1273 (50.1)	1154 (2545)
2606EA-E13TA	130 (5.1)	162 (6.4)	1381 (54.4)	969 (38.1)	1273 (50.1)	1154 (2545)
2606J-E13TA	130 (5.1)	162 (6.4)	1381 (54.4)	969 (38.1)	1273 (50.1)	1154 (2545)
2506J-E15TA	137 (5.4)	171 (6.7)	1438 (56.6)	943 (37.1)	1239 (48.8)	1542 (3400)
2806J-E18TTA	145 (5.7)	183 (7.2)	1438 (56.6)	943 (37.1)	1239 (48.8)	1542 (3400)

Notes

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