

# Industrial Power Selector

(Equivalent or lower than)

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	
				8.8 (11.8)	3000	30 (22)	2100			
				10.2 (13.7)	3600	30 (22)	2000			
0.76	403D-07	3	NA	13.2 (17.7)	3000	45 (33)	2200	-	C	
				15.3 (21)	3600	45 (33)	2200			
1.1	403D-11	3	NA	14.7 (19.7)	2200	67 (49)	1900	-	C	■
				16.1 (22)	2200	67 (49)	2000			
				17.2 (23)	2600	68 (50)	1800			
				18.5 (25)	2800	68 (50)	1800			
				21 (28)	3400	70 (52)	2300			
1.5	403D-15	3	NA	21 (28)	2200	96 (71)	1800	-	C	■
				22 (30)	2400	96 (71)	1800			
				23 (31)	2600	96 (71)	1800			
				24 (32)	2800	96 (71)	1800			
				25 (34)	3000	96 (71)	1800			
	403D-15T		T	23 (31)	2200	112 (83)	1800			
				25 (34)	2400	112 (83)	1800			
				27 (36)	2600	112 (83)	1800			
				29 (39)	2800	112 (83)	1800			
				30 (40)	3000	112 (83)	1800			
1.7	403J-17	3	NA	18.9 (25)	2800	87 (64)	1800	-	C	
2.2	404D-22	4	NA	31 (42)	2200	143 (105)	1800	-	C	■
				34 (46)	2400	143 (105)	1800			
				36 (48)	2600	143 (105)	1800			
				37 (50)	2800	143 (105)	1800			
				38 (51)	3000	143 (105)	1800			
	404D-22T		T	32 (43)	2800	163 (120)	1800			
				36 (48)	2800	154 (114)	1800			
				43 (58)	2600	189 (139)	1800			
				45 (60)	2800	189 (139)	1800			
				46 (62)	3000	189 (139)	1800			
	404D-22TA		TA	40 (54)	2800	170 (125)	1800			
				46 (62)	2800	195 (144)	1800			
				49 (66)	2800	208 (153)	1800			
2.8	Perkins® Syncro 2.8	4	T	55 (74)	2200-2400	265 (195)	1600	-	C	
				55 (74)	2200-2400	300 (221)	1600			
3.3	1103C-33T	3	T	55 (74)	2200	291 (215)	1400	-	C	
	1103D-33		NA	37 (50)	2200	189 (139)	1400			
	1103D-33TA		TA	58 (78)	2200	310 (229)	1400			
3.6	Perkins Syncro 3.6	4	TA	55 (74)	2200-2400	424 (313)	1200	-	C	
				75 (101)	2000-2400	430 (317)	1500			
				82 (110)	2000-2400	450 (332)	1500			
				86 (110)	2000-2400	500 (369)	1500			
				90 (121)	2000-2400	500 (369)	1500			

- Notes:**
- This chart represents only a selection of the power ratings available from Perkins industrial engine range and may not yet be in full production. Consult your Perkins distributor [www.perkins.com/distributor](http://www.perkins.com/distributor) for advice on the perfect power and torque match for your machine powertrain.
  - 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): Is 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).
  - Rating conditions for engines up to 7.1 litre displacement are based on ISO/TR14396, ratings for engines above 7.1 litre displacement are based on SAEJ1995.
  - Abbreviations for engine aspirations: NA = Naturally Aspirated, T = Turbocharged, TA = Turbocharged and aftercooled, TTA = Series turbochargers and aftercooled.
  - Abbreviations for aftertreatment: DOC = Diesel Oxidation Catalyst, DPF = Diesel Particulate Filter, SCR = Selective Catalytic Reduction.
  - Information is subject to change without notification.

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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			
	1104C-44T		T	75 (101)	2300	408 (301)	1400			
	1104C-44TA		TA	97 (130)	2200	500 (369)	1400			
	1104D-44		NA	56 (75)	2200	265 (195)	1700			
	1104D-44T		T	75 (101)	2200	392 (289)	1400			
	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			
				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	1106C-70TA	6	TA	112 (150)	1950	687 (507)	1200	-	C	■
				129 (173)	2200	733 (541)	1400			
				137 (184)	2200	725 (535)	1400			
				145 (194)	2200	755 (557)	1400			
				162 (217)	2200	900 (664)	1400			
9.3	1706D-E93TA	6	TA	230 (308)	1800-2200	1409 (1039)	1400	-	A	■
				250 (335)	1800-2200	1532 (1130)	1400		B	
				280 (375)	1800-2200	1715 (1265)	1400		C	
				310 (416)	1800-2200	1810 (1335)	1400			
12.5	2206D-E13TA	6	TA	287 (385)	1800-2100	1760 (1298)	1400	-	A	■
				310 (416)	1800-2100	1896 (1398)	1400		B	
				328 (440)	1800-2100	2011 (1483)	1400		C	
				354 (475)	1800-2100	2095 (1545)	1400		D	
				388 (520)	1800-2100	2215 (1634)	1400		E	
15.2	2506D-E15TA	6	TA	328 (440)	1800-2100	2012 (1484)	1400	-	A	■
				354 (475)	1800-2100	2169 (1600)	1400		B	
				403 (540)	1800-2100	2468 (1820)	1400		C	
				433 (581)	1800-2100	2649 (1954)	1400		D	
				444 (595)	1800-2100	2717 (2004)	1400		E	
18.1	2806C-E18TTA	6	TTA	571 (766)	1800-2100	3496 (2579)	1400	-	D	■
				597 (801)	1800-2100	3656 (2697)	1400		E	
	2806D-E18TA	6	TA	429 (575)	1800-2100	2627 (1938)	1400	-	A	
				448 (601)	1800-2100	2742 (2022)	1400		B	
				470 (630)	1800-2100	2769 (2042)	1400		C	
	2806D-E18TTA	6	TTA	597 (801)	1800-2100	3656 (2697)	1400	-	C	■

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