

PowerKit VS

Variable Speed Engines

30 - 1492 kWm



Customer Benefits

- Variable speed engines optimised for use between 1400 and 1900 rpm
- Straightforward mechanical injection for easy maintenance
- Strong tolerance to varying fuel quality
- Peace of mind with a best-in-class warranty of 2 years / 2500 working hours



Baudouin PowerKit VS Diesel

Engine Model	Maximum Power kWm (HP)	Cyl.	Asp.	Displ.	Coupling		Gov.	Engine Net Continuous Limit Power + Fuel Consumption									
					Housing	Flywheel		1500 Rpm	1600 Rpm	1700 Rpm	1800 Rpm	1900 Rpm	2000 Rpm	2100 Rpm	2200 Rpm		
4M06V2D0	30 (40)	4-L	NA	2.3	Sae 4	7.5"	Mech	kWm	20	22	23	24					
								gr/kWh	224.2	224.7	225.2	225.6					
4M06V4D0	41 (55)	4-L	T	2.3	Sae 3	11.5"	Mech	kWm	25	27	29	31					
								gr/kWh	211.7	211.4	211.2	210.9					
4M06V6D0	47 (64)	4-L	T	2.3	Sae 3	11.5"	Mech	kWm	29	31	33	35					
								gr/kWh	215.8	214.9	214	213					
4M06V8D0	58 (78)	4-L	T/A-A	2.3	Sae 3	11.5"	Mech	kWm	34	36	39	41					
								gr/kWh	204.3	205.5	206.6	207.7					
4M11V2D0	60 (82)	4-L	T	4.5	Sae 3	11.5"	Mech	kWm	43	45	46	47	47	48	48	48	
								gr/kWh	204.3	204.7	205	205.9	208.2	210.6	213.7	218.6	
4M11V4D0	100 (136)	4-L	T/A-A	4.5	Sae 3	11.5"	Mech	kWm	73	75	78	80	81	82	83	83	
								gr/kWh	199.8	200.2	201.3	202.9	204.5	207.1	211	215.7	
6M11V2D0	150 (204)	6-L	T/A-A	6.8	Sae 3	11.5"	Mech	kWm	106	111	114	117	118	120	120	120	
								gr/kWh	192.3	193.0	194	196.5	199.1	202.9	207.3	210.5	
6M11V4D0	180 (245)	6-L	T/A-A	6.8	Sae 3	11.5"	Mech	kWm	118	126	133	140	148	152	150	150	
								gr/kWh	198.9	200.5	202.4	205.1	208.0	212.0	217	221.5	
6M16V2D0	255 (346)	6-L	T/A-A	9.7	Sae 1	14"	Mech	kWm	180	191	195	201	204	205	203	203	
								gr/kWh	192.3	193.7	196	197.9	201.6	208.4	215.3	221.1	
6M21V2D0	370 (503)	6-L	T/A-A	12.5	Sae 1	14"	Mech	kWm	276	282	285	295	295	295	290	290	
								gr/kWh	198.9	201.9	202.5	206.0	210.1	225.7	221	229.2	
6M33V2D0 ^A	565 (768)	6-L	T/A-A	19.6	Sae 1	14"	ECU	kWm	523	543	557	565					
								gr/kWh	193.3	195.7	199	203.7					
12M33V2D0 ^A	785 (1068)	12-V	T/A-A	39.2	Sae 0	18"	ECU	kWm	682	721	752	769	785				
								gr/kWh	185.4	185.9	187.6	190.4	193.7				
12M33V4D0 ^A	900 (1024)	12-V	T/A-A	39.2	Sae 0	18"	ECU	kWm	774	819	859	882	900				
								gr/kWh	184.6	185.7	188	191.0	194.5				
16M33V2D0 ^A	1194 (1624)	16-V	T/A-W	52.3	Sae 0	18"	ECU	kWm	1023	1095	1157	1169	1194				
								gr/kWh	190.9	191.8	191.8	195.4	197.7				
16M33V4D0 ^A	1492 (2030)	16-V	T/A-W	52.3	Sae 0	18"	ECU	kWm	1261	1349	1429	1468	1492				
								gr/kWh	190.6	192.8	197.6	200.0	206.4				

^A Engine in development with availability from Q3/2020. Data is preliminary and subject to change. NA : Naturally aspirated. T : Turbocharged
T/A-A : Turbocharged & air-to-air aftercooled. T/A-W : Turbocharged & air-to-water aftercooled

Power definition

Standard ISO 3046/1 - DIN6271.
Performance tolerance of $\pm 5\%$

Reference conditions

Air inlet temperature 25 °C / 77 °F
Barometric pressure 100 kPa
Relative humidity 30%

Fuel

Relative density 0.84 kg/L conform to EN 590
Derating may apply beyond these conditions
please contact us for details.