

Portable Rotary Screw Air Compressors

Capacities from: 120 to 1638 cfm, 3.40 to 46.38 m³/min

Pressures from: 102 to 508 psi(g), 7 to 35 bar(g)

Emission standard: Tier 2



DACY SERIES

Denair diesel portable screw air compressors are widely used in all kinds of heavy duty industries, such as mining, hydropower, oil and gas exploitation, borehole, shipyard, construction, chemical industry, quarry, sandblasting, pipeline pressure test, public works, etc. Free air delivery 3.4~46.38m³/min working pressure 7~35bar make these compressors fit for almost any application.





PORTABLE ROTARY SCREW AIR COMPRESSORS

Features and advantages





Diesel Engine

Heavy Duty and Less Fuel Consumption compared to similar engine designs, better in durability and longevity.



Chassis

Damped chassis and wear resistant type.



Compressor Shell

Shell is made of thickness 2mm cold-roll steel sheets with special flame-retardant sound-proof material.



State-of-the-art Screw Element

- ·Original DENAIR air end
- ·Advanced SAP profile design
- ·The material of the rotors is American specialty steel
- ·Superior Sweden SKF element bearings



Superior Air Filter and Oil Filter

Skid mounted type is available

- ·Superior air filter with two-stage dust removal and filtering system with efficiency of up to 99.9% even in heavy-duty environments
- ·Extends the service life of the compressor parts and components, ensures high air quality
- ·Quality oil filter with excellent oil purification capability ensures a clean and safe oil system
- Long service period and easy filter change reduce maintenance costs.

Technical parameters

	DACY-3/8	DACY-5/7	DACY-5/13	DACY-6/7	DACY-7/7	DACY-7/10
m³/min	3.40	5.00	5.31	6.00	7.00	7.00
cfm	120	177	187	212	247	247
bar(g)	8	7	13	7	7	10
The second second						145
psi(g)	116	102	189			145
L(mm)	2263	2210	3120	3120	3120	3120
				1860	1860	1860
						1800 1500
ng _	2	2	2	2	2	2
		G 3/4"*3				G 3/4**2 G 1-1/4**1
	011		0.1-114.1	0 1-1/4 1	0 1=1/4 1	0 1-1/4 1
	Yangdong	Yanmar	Cummins	Cummins	Cummins	Cummins
F/W						4BTA3.9-C80 60
hp	42	47	80	80	80	80
						72-11-11
						102*120*4 2200
						1400
L	7	7	9	9	9	9
L				20	20	20
1						670 80
	VI.			00	- OU	00
L	27	30	48	48	48	48
L						20
	DACY-7/13	DACY-8/10	DACY-9/8	DACY-9/13	DACY-12/7	DACY-8/15
m³/min	7.00	8.36	9.00	9.00	12.00	8.01
cfm bar(a)	247	295	318	318	424	283
						15 218
and the same of the same of						16
psi(g)	203	145	116	189	116	232
L(mm)	3360	3360	3360	3360	3360	3740
						2110 2240
kg	2000	2000	2000	2000	2000	3000
	2	2	2	2	2	2
_						G 1"*2 G 2"*1
	0 1-1/2 1	0 1-1/2 1	011121	0 1 1/2 1	011121	021
	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
LW.						6BT5.9-C150 110
hp	100		100	125	125	150
						102*120*6
						2100 1400
L	9	9	9	9	9	16.3
L	30	-30	30	30	30	30
-						670 190
	120	120	120	120	120	190
L	80	80	80	80	80	155
L						50
	DACY-8/16	DACY-9/15	DACY-10/13	DACY-11/10	DACY-13/10	DACY-16/8
m³/min	8.01	9.00	10.00	11.47	13.00	16.00
cfm	283	318	353	405	459	565
bar(g)	16	15	13	10	10	8
			189		145	116
	18	15		7/1		
bar(g) psi(g)	16 232	15 218	203	10 145	145	116
bar(g) psi(g) L(mm)	232 3740	218 3740	203 3740	145 3740	145 3740	116 3740
bar(g) psi(g) L(mm) W(mm)	232 3740 2110	218 3740 2110	203 3740 2110	145 3740 2110	145 3740 2110	116 3740 2110
bar(g) psi(g) L(mm) W(mm) H(mm)	232 3740 2110 2240	218 3740 2110 2240	203 3740 2110 2240	145 3740 2110 2240	145 3740 2110 2240	116 3740 2110 2240
bar(g) psi(g) L(mm) W(mm)	232 3740 2110 2240 3000 2	218 3740 2110 2240 3000 2	203 3740 2110 2240 3000 2	145 3740 2110 2240 3000 2	145 3740 2110 2240 3000 2	116 3740 2110 2240 3000 2
bar(g) psi(g) L(mm) W(mm) H(mm)	232 3740 2110 2240 3000 2 G 1"*2	218 3740 2110 2240 3000 2 G 1**2	203 3740 2110 2240 3000 2 G 1"*2	145 3740 2110 2240 3000 2 G 1"*2	145 3740 2110 2240 3000 2 G 1"*2	116 3740 2110 2240 3000 2 G 1"*2
bar(g) psi(g) L(mm) W(mm) H(mm)	232 3740 2110 2240 3000 2	218 3740 2110 2240 3000 2	203 3740 2110 2240 3000 2	145 3740 2110 2240 3000 2	145 3740 2110 2240 3000 2	116 3740 2110 2240 3000 2
bar(g) psi(g) L(mm) W(mm) H(mm)	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins	203 3740 2110 2240 3000 2 G 1**2 G 2**1	145 3740 2110 2240 3000 2 G 1**2 G 2**1	145 3740 2110 2240 3000 2 G 1**2 G 2**1	116 3740 2110 2240 3000 2 G 1**2 G 2**1
bar(g) psi(g) L(mm) W(mm) H(mm) kg	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150	203 3740 2110 2240 3000 2 G 1**2 G 2**1	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150	116 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150
bar(g) psi(g) L(mm) W(mm) H(mm)	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins	203 3740 2110 2240 3000 2 G 1**2 G 2**1	145 3740 2110 2240 3000 2 G 1**2 G 2**1	145 3740 2110 2240 3000 2 G 1**2 G 2**1	116 3740 2110 2240 3000 2 G 1**2 G 2**1
bar(g) psi(g) L(mm) W(mm) H(mm) kg	232 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150	203 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 Turbocharging, C	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150	116 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110
bar(g) psi(g) L(mm) W(mm) H(mm) kg	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150	203 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 Turbocharging, C 102*120*6	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling 102*120*6	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 68T5.9-C150 110 150	116 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150
bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2100	218 3740 2110 2240 3000 2 G 1"2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2300	203 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 Turbocharging, C 102*120*6 2500	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling 102*120*6 2300	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2450	116 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150
bar(g) psi(g) L(mm) W(mm) H(mm) kg	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150	203 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 Turbocharging, C 102*120*6	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling 102*120*6	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 68T5.9-C150 110 150	116 3740 2110 2240 3000 2 G 1"2 G 2"*1 Cummins 6BT5.9-C150 110
bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2100 1400 16.3 30	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2300 1400 16.3 30	203 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 Turbocharging, C 102*120*6 2500 1400 16.3 30	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling 102*120*6 2300 1400 16.3 30	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2450 1400 16.3 30	116 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2300 1400 16.3 30
bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2100 1400 16.3 30 670	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2300 1400 16.3 30 670	203 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 Turbocharging, C 102*120*6 2500 1400 16.3 30 670	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling 102*120*6 2300 1400 16.3 30 670	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2450 1400 16.3 30 670	116 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2300 1400 16.3 30 670
bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp	232 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2100 1400 16.3 30	218 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2300 1400 16.3 30	203 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 Turbocharging, C 102*120*6 2500 1400 16.3 30	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 harge air cooling 102*120*6 2300 1400 16.3 30	145 3740 2110 2240 3000 2 G 1**2 G 2**1 Cummins 6BT5.9-C150 110 150 102*120*6 2450 1400 16.3 30	116 3740 2110 2240 3000 2 G 1"*2 G 2"*1 Cummins 6BT5.9-C150 110 150 102*120*6 2300 1400 16.3 30
	cfm bar(g) psi(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM L L L L L kW hp mm RPM RPM L L L L L m²/min cfm psi(g) bar(g) psi(g) bar(g) psi(g) L(mm) Kg	m²/min	m²/min	m²/min 3.40 5.00 5.31 cfm 120 177 187 bar(g) 8 7 13 psi(g) 116 102 189 bar(g) 8 7 13 psi(g) 116 102 189 L(mm) 2263 2210 3120 W(mm) 1590 1410 1860 H(mm) 1543 1385 1800 kg 900 900 1500 kg 900 900 1500 yangdong Yanmar Cummins Yangdong Yanmar Cummins Yangdong Yanmar Cummins YSD490G 47NV94L 4BTX3-9-C80 kW 32 34 6 6 mm 90*100*4 94*110*4 102*120*4 RPM 420 47 80 Turbocharging, C Cummins RPM 1400 1400 1400 <	m?/min 3.40 5.00 5.31 6.00 cm 120 177 187 212 17 187 212 17 187 212 17 187 212 17 188 7 13 7 7 13 7 7 13 17 7 189 102 189 102 189 102 189 102 189 189 102 189 189 189 189 189 189 189 189 189 189	m ² /min

^{*)}Free air delivery in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20°C. Note: Skid-mounted type is available.



Technical parameters

Type Machine		DACY-17/7	DACY-10/16	DACY-12/13	DACY-16/10	DACY-17/8	DACY-18/7
Free air delivery*	m³/min	17.00	10.00	12.00	16.00	17.00	18.00
	cfm bar(g)	600 7	353 16	424 13	565	600 8	636
Normal working pressure	psi(g)	102	232	189	145	116	102
Maximum design pressure	bar(g) psi(g)	7 102	16 232	13 189	10 145	8 116	7 102
	L(mm)	3740	3790	3790	3790	3790	3790
Dimensions(without towbar)	W(mm) H(mm)	2110 2240	2110 2390	2110 2390	2110 2390	2110 2390	2110 2390
Weight	kg	3000	3200	3200	3200	3200	3200
Wheel qty		2 G 1"*2	2 G 1"*2	2 G 1"*2	2 G 1"*2	2 G 1"*2	2 G 1"*2
Size and No. of outlet valve		G 2"*1	G 2"*1	G 2"*1	G 2"*1	G 2"*1	G 2"*1
Diesel engine Manufacturer	_	Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6BT5,9-C150	6BTA5.9-C180	6BTA5.9-C180	6BTA5.9-C180	6BTA5.9-C180	6BTA5.9-C180
Rated power	kW hp	110 150	132 180	132 180	132 180	132 180	132 180
Туре	- IIP	150	100	Turbocharging, C	Charge air cooling		
Bore*Stroke*No. ofcylinders Engine speed (nominal)	mm RPM	102*120*6 2450	102*120*6 2500	102*120*6 2400	102*120*6 2350	102*120*6 2500	102*120*6 2500
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	16.3	16.3	16.3	16.3	16.3	16.3
Coolant capacity Storage battery current CCA		30 670	35 670	35 670	35 670	35 670	35 670
Fuel tank capacity	L	190	190	190	190	190	190
Compressor Compressed air vessel capacity		155	155	155	155	155	155
Lubricant capacity	L	50	55	55	55	55	55
Type Machine		DACY-10/20	DACY-15/18	DACY-17/13	DACY-18/12	DACY-21/8	DACY-23/8
Free air delivery*	m³/min	12.16	15.00	17.00	18.00	21.36	23.00
	cfm bar(g)	429 20	530 18	600	636 12	754 8	812 8
Normal working pressure	psi(g)	290	261	189	174	116	116
Maximum design pressure	bar(g) psi(g)	20 290	18 261	13 189	12 174	8 116	8 116
	L(mm)	3920	3920	3920	3920	3920	3920
Dimensions(without towbar)	W(mm)	1800	1800	1800	1800	1800	1800
Weight	H(mm) kg	2380 3700	2380 3700	2380 3700	2380 3700	2380 3700	2380 3700
Wheel qty		4	4	4	4	4	4
Size and No. of outlet valve		G 1"*1 G 2-1/2"*1	G 1"*1 G 2-1/2"*1	G 1"*1 G 2-1/2"*1	G 1"*1 G 2-1/2"*1	G 1**1 G 2-1/2**1	G 1"*1 G 2-1/2"*1
Diesel engine Manufacturer		Commissions	Cummins	Commission	Commission	Cummins	Cummins
Model		Cummins 6CTA8.3-C215	6CTA8.3-C215	Cummins 6CTA8.3-C215	Cummins 6CTA8.3-C215	6CTA8.3-C215	6CTA8.3-C215
Rated power	kW	160	160	160	160	160	160
Туре	hp _	215	215	215 Turbocharging, C	215 Charge air cooling	215	215
Bore*Stroke*No. ofcylinders	mm	114*135*6	114*135*6	114*135*6	114*135*6	114*135*6	114*135*6
Engine speed (nominal) Engine speed (unloaded)	RPM RPM	2100 1400	2200 1400	2050 1400	2100 1400	2050 1400	2100 1400
Engine oil capacity	L	27.6	27.6	27.6	27.6	27.6	27.6
Coolant capacity Storage battery current CCA	L	50 720	50 720	50 720	50 720	50 720	50 720
Fuel tank capacity	L	360	360	360	360	360	360
Compressor Compressed air vessel capacity	L.	189	189	189	189	189	189
Lubricant capacity	L	90	90	90	90	90	90
Type Machine		DACY-17/16	DACY-19/14	DACY-20/13	DACY-21/10	DACY-23/10	DACY-25/8
Free air delivery*	m³/min cfm	17.00	19.00 671	20.00 706	21.73 767	23.00 812	25.00 883
Normal working processo	bar(g)	600 16	14	13	10	10	8
Normal working pressure	psi(g)	232	203	189	145	145	116
Maximum design pressure	bar(g) psi(g)	16 232	14 203	13 189	10 145	10 145	8 116
	L(mm)	3920	3920	3920	3920	3920	3920
Dimensions(without towbar)	W(mm) H(mm)	1800 2380	1800 2380	1800 2380	1800 2380	1800 2380	1800 2380
Weight	kg	4400	4400	4400	4400	4400	4400
Wheel qty Size and No. of outlet valve		4 G 1"*1	4 G 1**1	4 G 1"*1	4 G 1**1	4 G 1"*1	4 G 1"*1
Diesel engine		G 2-1/2"*1	G 2-1/2"*1	G 2-1/2"*1	G 2-1/2"*1	G 2-1/2**1	G 2-1/2"*1
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model	kW	6CTA8.3-C260 194	6CTA8.3-C260 194	6CTA8.3-C260 194	6CTA8.3-C260 194	6CTA8.3-C260 194	6CTA8.3-C260 194
Rated power	hp	260	260	260	260	260	260
Type Bore*Stroke*No. ofcylinders	mm	114*135*6	114*135*6	Turbocharging, C 114*135*6	Charge air cooling 114*135*6	114*135*6	114*135*6
Engine speed (nominal)	RPM	1950	1820	1900	2100	2150	2000
Engine speed (unloaded)	RPM L	1400	1400 27.6	1400	1400	1400	1400
Engine oil capacity Coolant capacity	L	27.6 55	55	27.6 55	27.6 55	27.6 55	27.6 55
Storage battery current CCA		720	720	720	720	720	720
Fuel tank capacity Compressor	L	400	400	400	400	400	400
Compressed air vessel capacity	L.	189	189	189	189	189	189
Lubricant capacity	-	90	90	90	90	90	90

^{*)}Free air delivery in accordance with ISO 1217 : 2009, Annex C; Absolute intake pressure 1 bar (a), cooling and air intake temperature 20°C. Note: Skid-mounted type is available.



Technical parameters

Туре		DACY-18/18	DACY-20/16	DACY-22/14	DACY-27/10	DACY-28/8	DACY-22/20
Machine							
	m³/min	19.91	20.00	22.00	27.00	28.00	22.00
Free air delivery*	cfm	703	706	777	953	989	777
	bar(g)	18	16	14	10	8	20
Normal working pressure	psi(g)	261	232	203	145	116	290
	bar(g)	18	16	14	10	8	20
Maximum design pressure	psi(g)	261	232	203	145	116	290
	L(mm)	4150	4150	4150	4150	4150	4250
Dimensions	W(mm)	1960	1960	1960	1960	1960	2000
(without towbar)	H(mm)	2450	2450	2450	2450	2450	2650
Veight	kg	4500	4500	4500	4500	4500	5500
Wheel aty	r.A	4	4	4	4	4	4
wheel dry		G 1"*1	G 1"*1	G 1"*1	G 1"*1	G 1"*1	G 1"*1
Size and No. of outlet valve	_	G 2-1/2"*1	G 2-1/2"*1	G 2-1/2"*1	G 2-1/2"*1	G 2-1/2"*1	G 2-1/2"*1
Diesel engine							
Manufacturer		Cummins	Cummins	Cummins	Cummins	Cummins	Cummins
Model		6LTAA8.9-C325	6LTAA8.9-C325	6LTAA8.9-C325	6LTAA8.9-C325	6LTAA8.9-C325	6LTAA9.5-C36
	kW	239	239	239	239	239	264
Rated power	hp	325	325	325	325	325	360
Гуре				Turbocharging, C	Charge air cooling		
Bore*Stroke*No. ofcylinders	mm	114*145*6	114*145*6	114*145*6	114*145*6	114*145*6	116.5*148*6
Engine speed (nominal)	RPM	2100	2050	2150	2150	2200	2200
Engine speed (unloaded)	RPM	1400	1400	1400	1400	1400	1400
Engine oil capacity	L	27.6	27.6	27.6	27.6	27.6	27.6
Coolant capacity	L	60	60	60	60	60	65
Storage battery current CCA	-	830	830	830	830	830	830
Fuel tank capacity	L	590	590	590	590	590	640
	L	590	290	590	590	290	640
Compressor	-	105	405	185	405	405	045
Compressed air vessel capacity		185	185		185	185	215
Lubricant capacity	L	110	110	110	110	110	115
Туре		DACY-27/12	DACY-32/10	DACY-26/25	DACY-34/25	DACY-45/10	DACY-33/35
Machine	_						
Free air delivery*	m³/min	27.00	32.00	26.00	34.00	46.38	33.00/39.00
	cfm	953	1130	918	1200	1638	1165/1377
Mormal working proposes		12	10	25	25	10	35/25
Normal working pressure	bar(g)		AAE	363	363	145	508/363
Normal working pressure	psi(g)	174	145		000	140	500/505
	100000	174	10	25	25	10	35/25
	psi(g)						100004454
	psi(g) bar(g)	12	10	25	25	10	35/25
Maximum design pressure	psi(g) bar(g) psi(g)	12 174 4250	10 145 4250	25 363 4700	25 363 4700	10 145 4412	35/25 508/363 5000
Maximum design pressure	psi(g) bar(g) psi(g) L(mm)	12 174 4250 2000	10 145 4250 2000	25 363 4700 2100	25 363	10 145	35/25 508/363
Maximum design pressure Dimensions (without towbar)	psi(g) bar(g) psi(g) L(mm) W(mm)	12 174 4250	10 145 4250 2000 2650	25 363 4700	25 363 4700 2100	10 145 4412 2160	35/25 508/363 5000 2200 2900
Maximum design pressure Dimensions (without towbar) Weight	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500	10 145 4250 2000	25 363 4700 2100 2900 4800	25 363 4700 2100 2900	10 145 4412 2160 2900	35/25 508/363 5000 2200
Maximum design pressure Dimensions (without towbar) Weight Wheel qty	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500 4	10 145 4250 2000 2650 5500 4	25 363 4700 2100 2900 4800 4	25 363 4700 2100 2900 6800 4	10 145 4412 2160 2900 7000 4	35/25 508/363 5000 2200 2900 7200 4
Maximum design pressure Dimensions without towbar) Weight Wheel qty	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500	10 145 4250 2000 2650 5500	25 363 4700 2100 2900 4800	25 363 4700 2100 2900 6800	10 145 4412 2160 2900 7000	35/25 508/363 5000 2200 2900 7200
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500 4 G 1"*1	10 145 4250 2000 2650 5500 4 G 1"*1	25 363 4700 2100 2900 4800 4 G 2"*1	25 363 4700 2100 2900 6800 4 G 2"*1	10 145 4412 2160 2900 7000 4 G 1"*1	35/25 508/363 5000 2200 2900 7200 4 G 2"*1
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500 4 G 1"*1	10 145 4250 2000 2650 5500 4 G 1"*1	25 363 4700 2100 2900 4800 4 G 2"*1	25 363 4700 2100 2900 6800 4 G 2"*1	10 145 4412 2160 2900 7000 4 G 1"*1	35/25 508/363 5000 2200 2900 7200 4 G 2"*1
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1	25 363 4700 2100 2900 6800 4 G 2"*1 G 3/4"*1	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1	35/25 508/363 5000 2200 2900 7200 4 G 2**1 G 3/4**1
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm)	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1	25 363 4700 2100 2900 6800 4 G 2"*1 G 3/4"*1	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1	25 363 4700 2100 2900 6800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550	35/25 508/363 5000 2200 2900 7200 4 G 2**1 G 3/4**1
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550	25 363 4700 2100 2900 6800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410	35/25 508/363 5000 2200 2900 7200 4 G 2**1 G 3/4**1 Cummins KTA19-P700 522
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410	35/25 508/363 5000 2200 2900 7200 4 G 2**1 G 3/4**1 Cummins KTA19-P700 522
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. of cylinders	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550	35/25 508/363 5000 2200 2900 7200 4 G 2**1 G 3/4**1 Cummins KTA19-P700 522 700
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal)	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded)	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800	25 363 4700 2100 2900 6800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159*159*6 1800
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded) Engine oil capacity	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800 1300	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800 1300	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850 1350	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159°159°6 1800 1300
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded) Engine oil capacity Coolant capacity	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM L	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800 1300 35	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800 1300 35	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850 1350 35	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159*159*6 1800 1300 38
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded) Engine oil capacity Coolant capacity Storage battery current CCA	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM L	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65 830	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65 830	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800 1300 35 160 930	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800 1300 35 160 930	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850 1350 35 160 930	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159*159*6 1800 1300 38 160 300Ah
Maximum design pressure Dimensions without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded) Engine oil capacity Coolant capacity Storage battery current CCA Fuel tank capacity	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM L L	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800 1300 35 160	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800 1300 35 160	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850 1350 35 160	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159*159*6 1800 1300 38 160
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded) Engine oil capacity Coolant capacity Storage battery current CCA Fuel tank capacity Compressor	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM L L	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65 830 640	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65 830 640	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800 1300 35 160 930 600	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800 1300 35 160 930 600	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850 1350 35 160 930 660	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159*159*6 1800 1300 38 160 300Ah 800
Maximum design pressure Dimensions (without towbar) Weight Wheel qty Size and No. of outlet valve Diesel engine Manufacturer Model Rated power Type Bore*Stroke*No. ofcylinders Engine speed (nominal) Engine speed (unloaded) Engine oil capacity Coolant capacity Storage battery current CCA Fuel tank capacity Compressor Compressed air vessel capacity Lubricant capacity	psi(g) bar(g) psi(g) L(mm) W(mm) H(mm) kg kW hp mm RPM RPM L L	12 174 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65 830	10 145 4250 2000 2650 5500 4 G 1"*1 G 2-1/2"*1 Cummins 6LTAA9.5-C360 264 360 116.5*148*6 2200 1400 27.6 65 830	25 363 4700 2100 2900 4800 4 G 2"*1 G 3/4"*1 Cummins QSZ13-C550 410 550 Turbocharging, C 130*163*6 1800 1300 35 160 930	25 363 4700 2100 2900 6800 4 G 2**1 G 3/4**1 Cummins QSZ13-C550 410 550 Charge air cooling 130*163*6 1800 1300 35 160 930	10 145 4412 2160 2900 7000 4 G 1"*1 G 3"*1 Cummins QSZ13-C550 410 550 130*163*6 1850 1350 35 160 930	35/25 508/363 5000 2200 2900 7200 4 G 2"*1 G 3/4"*1 Cummins KTA19-P700 522 700 159*159*6 1800 1300 38 160 300Ah

^{*)}Free air delivery in accordance with ISO 1217 : 2009, Annex C: Absolute intake pressure 1 bar (a), cooling and air intake temperature 20°C. Note: Skid-mounted type is available.





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