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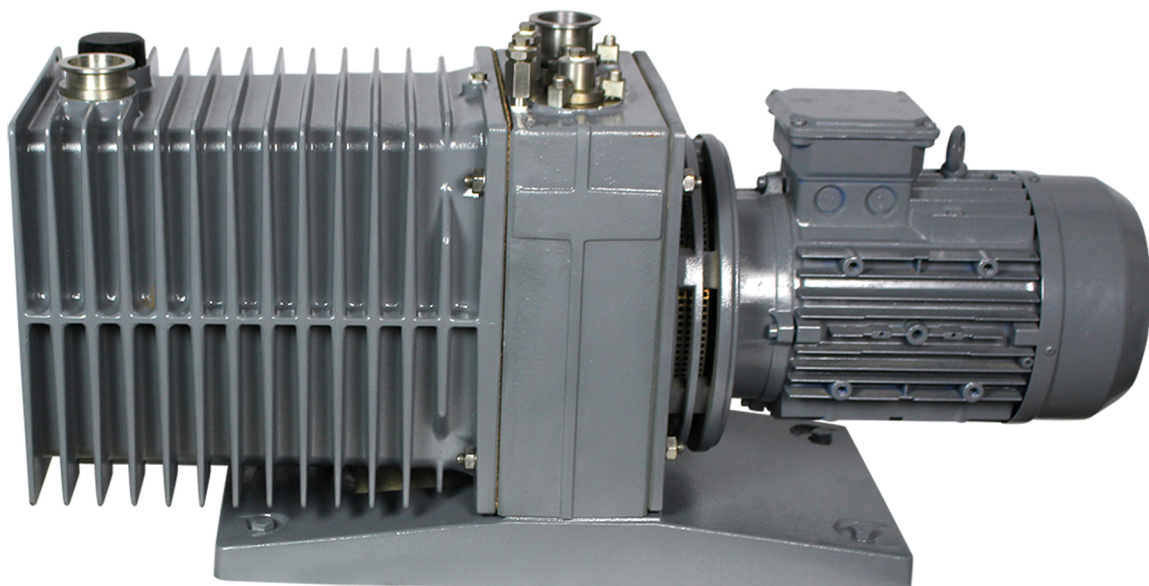
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Alcatel 2010C2, 2015C2, 2021C2, 2033C2, 2063C2 Technical Specifications

		Units	2010C2	2015C2	2021C2	2033C2	2063C2
Nominal pumping speed (*)	50Hz	m ³ /h	9.7	15	20.7	30	60
	60Hz	cfm	6.8	10.6	14.6	23.3	42.4
Pneuop pumping speed (*)	50Hz	m ³ /h	8.5	12.5	16.5	27	55
	60Hz	cfm	6	8.8	11.8	18.8	38
Ultimate partial pressure (*)		mbar	5.10 ⁻⁴	5.10 ⁻⁴	5.10 ⁻⁴	5.10 ⁻⁴	5.10 ⁻⁴
Ultimate total pressure (*) closed gas ballast		mbar	3.10 ⁻³	3.10 ⁻³	3.10 ⁻³	3.10 ⁻³	3.10 ⁻³
Weight (max)		kg (lbs)	26 (57.2)	27 (59.4)	28 (61.6)	76 (167)	98 (216)
Dimensions		see page	22	22	22	24	24
Electrical motors		see page	68	68	68	90	90
Max nominal power rating	50/60Hz	kW	0.45/0.55	0.45/0.55	0.45/0.55	1.1/1.3	2.2/2.6
Min ambient temperature		°C (°F)	12 (54)	12 (54)	12 (54)	12 (54)	12 (54)
Max ambient temperature		°C (°F)	45 (113)	45 (113)	45 (113)	45 (113)	45 (113)
Oil capacity		l	0.95	0.95	0.98	3.6	7
Inlet flange		ISO-KF	DN 25	DN 25	DN 25	DN 40	DN 40
Exhaust flange		ISO-KF	DN 25	DN 25	DN 25	DN 40	DN 40

(*) : according to Pneuop specifications; with ALCATEL 113 synthetic fluid.





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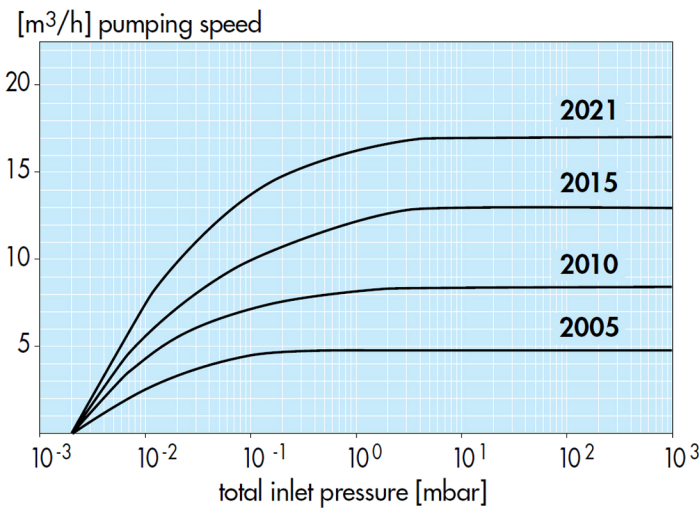
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Alcatel 2010C2, 2015C2, 2021C2, 2033C2, 2063C2 Pumping Curves

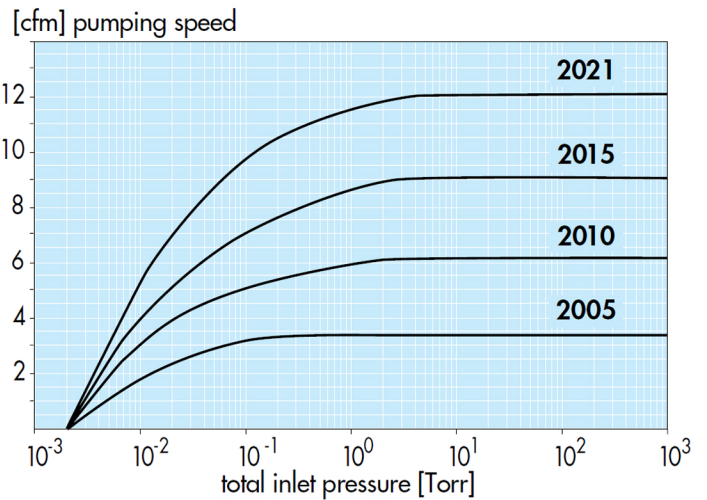
50Hz

2005I/C1 - 2010I/C1/C2
2015I/C1/C2 - 2021I/C1/C2

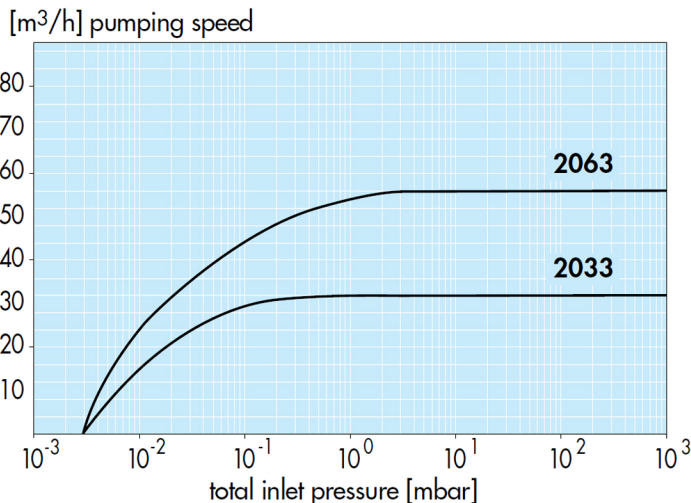


60Hz

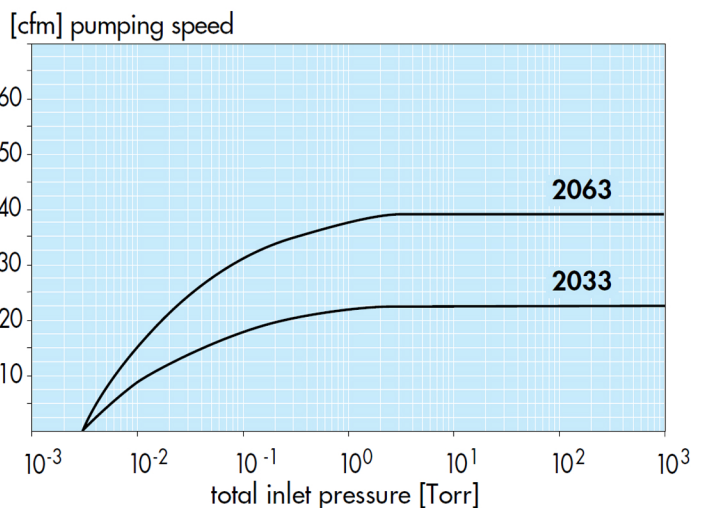
2005I/C1 - 2010I/C1/C2
2015I/C1/C2 - 2021I/C1/C2



2033SD/C1/C2/H1
2063SD/C1/C2/H1



2033SD/C1/C2/H1
2063SD/C1/C2/H1





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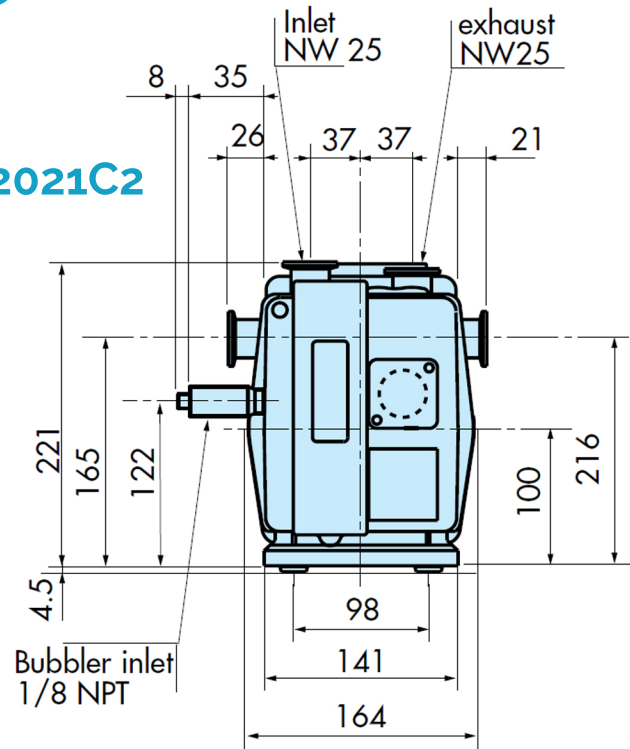
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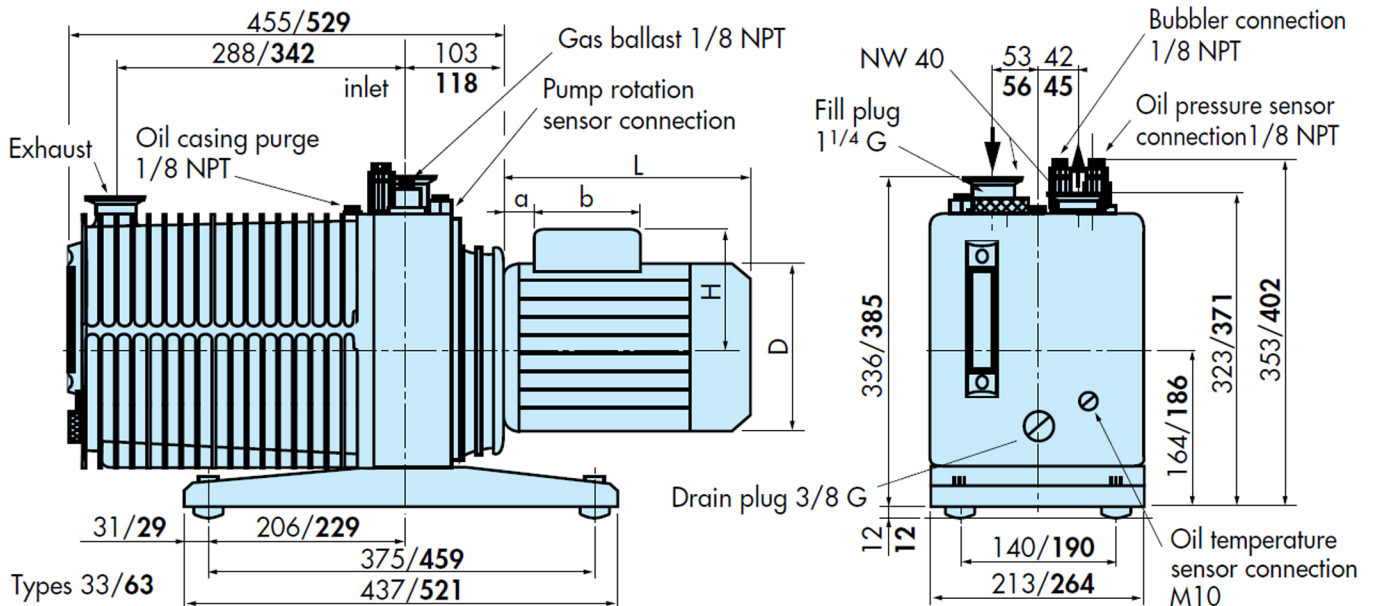
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Alcatel 2010C2, 2015C2, 2021C2, 2033C2, 2063C2 Dimensions

2010C2, 2015C2, 2021C2



2033C2, 2063C2





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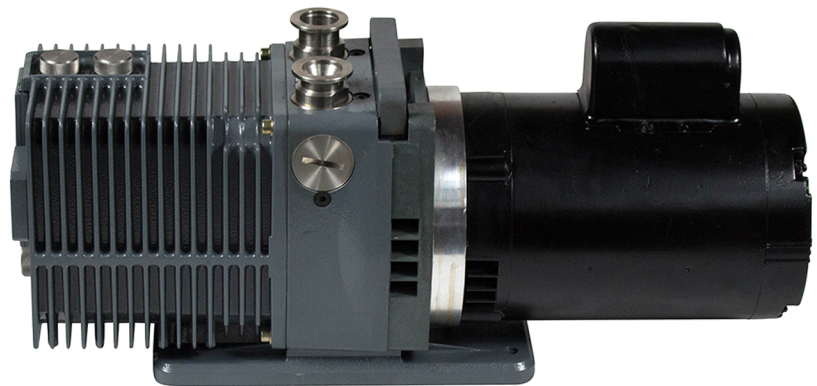
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Alcatel 2010C2, 2015C2, 2021C2, 2033C2, 2063C2

Features & Benefits

- designed for most corrosive applications
- reliable operation in aggressive conditions
- made of stainless steel, gray cast iron & aluminum
- chromium oxide coating on bearing surfaces
- anti-suckback provides vacuum integrity
- high strength oil sight glass
- free of sensitive materials
- efficient gas ballast
- forced lubrication
- bubbler purge



Applications

- plasma/dry etching • reactive sputtering • ion implantation • PECVD
- freeze drying • CVD • LPCVD • load lock • oxygen pumping