

A SERIES STANDARD PUMPS TWO-STAGE

FORCED LUBRICATION for proper sealing and performance at all pressures.

COMPACT FOR EASY INSTALLATION

LOW NOISE LEVEL : 60 dbA at 1 m.

AIR-COOLED

SHOCK-MOUNTS for vibration free operation.

RELIABLE OPERATION at all pressures from atmosphere to ultimate vacuum.

Range

These pumps are available in two-stage version.

- 2033 : 35 m³/h - 27 ctm
- 2063 : 65 m³/h - 50 ctm

Connections

The inlet and exhaust ports are designed to accommodate NW 40 Pneurop flanges.

The exhaust is supplied with a rubber flapper.

Note : The rubber flapper must be removed when the pump is connected to an exhaust line or to an oil mist eliminator.

Accessories

A wide range of accessories is available to adapt the pump to your specific application.

Maintenance

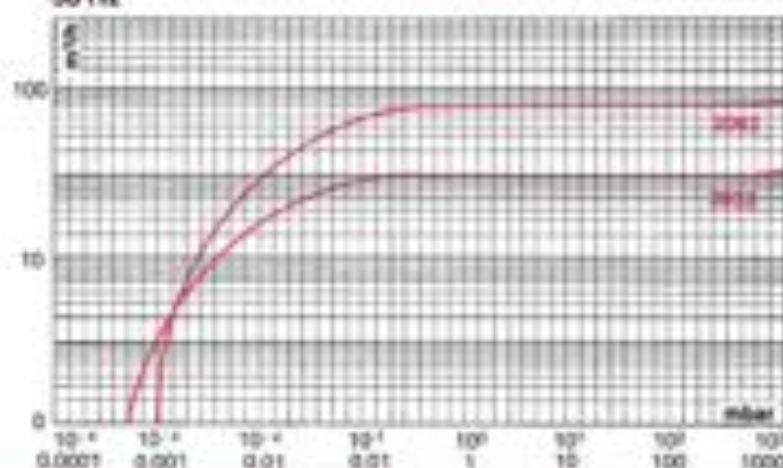
ALCATEL offers a minor or a major maintenance kit for simplified field servicing.

Pumping speed

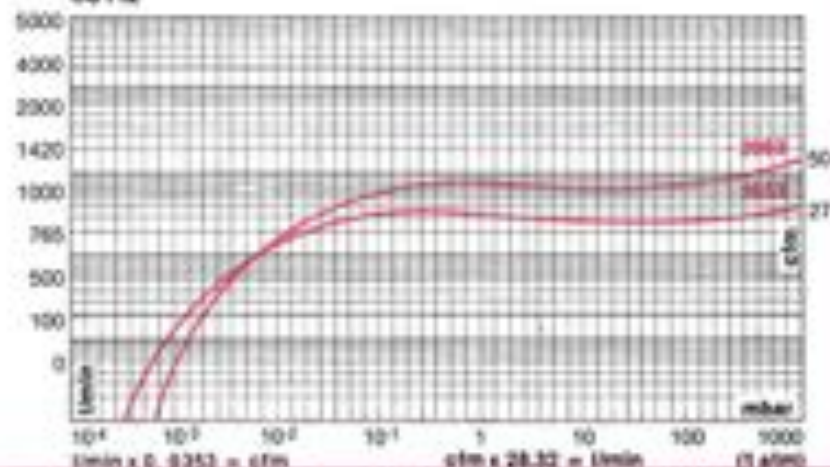
The graphs on the right show the pumping speeds for pumps used at 50 or at 60 cycles.



50 Hz



60 Hz





SERVICE OF VACUUM PUMP SYSTEMS
2442 Enrick Blvd. Bethlehem, PA 18020
For Service Call (610) 625-1505
www.polvac.com

Models :
2033
2063

35-65 m³/h
(585-1080 l/min)
27-50 cfm
(765-1420 l/min)

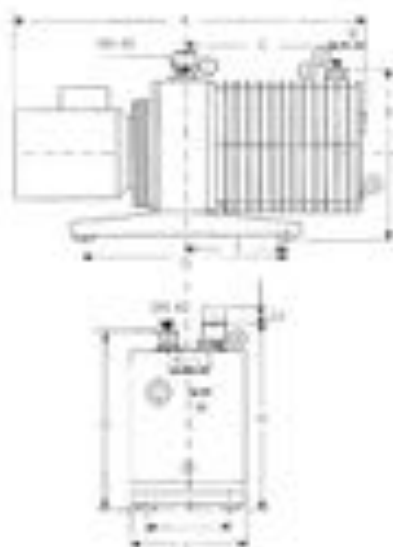
Specifications

50 Hz				60 Hz	
2033	2063			2033	2063
35	65	m ³ /h	Nominal pumping speed (Pneup)	27	50
585	1080	l/min	Free air displacement	765	1420
2	2			2	2
1.10 "	2.10 "	mm	Ultimate vacuum*	1.10 "	2.10 "
700	1200	g/h	Water vapor capacity**	700	1200
3.6	7	l	Oil capacity	3.6	7.4
1.1	2.2	kW	Motor rating	1 1/2	3
1500	1500	rpm	Rotational speed	1800	1800
220-380 V/50 Hz	220-380 V/50 Hz	3 ph	Electrical rating	115-230 V/60 Hz***	115-230 V/60 Hz***
				230-480 V/60 Hz***	230-480 V/60 Hz***
40	40	NW	Intake/Exhaust flanges (Pneup)	40	40
81	100	kg	Weight 1 D (3 D)	138	220
134	220	kg		60	100

* Partial pressure measurement with LH, Trapped McLeod gauge. ** Water vapor at 30 °C. *** See note on page 15.

Dimensions mm (inch) 50 Hz

2033	2063	
675 (26.57)	860 (33.87)	mm A
712 (28.03)	810 (31.89)	mm B
39 (1.53)	64 (2.52)	mm C
348 (13.70)	397 (15.63)	mm D
336 (13.23)	383 (15.08)	mm E
226 (8.91)	229 (9.02)	mm F
375 (14.76)	459 (18.07)	mm G
375 (14.76)	422 (16.61)	mm H
140 (5.51)	190 (7.48)	mm I
213 (8.38)	264 (10.35)	mm J
42 (1.65)	45 (1.77)	mm K
42 (1.65)	45 (1.77)	mm L
60 (2.36)	58 (2.28)	mm M



Dimensions inch (mm) 60 Hz

	2033	2063
A 1 D	26.60 (727)	—
A 3 D	27.35 (694)	31.89 (802)
B	2.35 (59)	2.55 (64)
C	11.47 (290)	15.63 (397)
D	15.86 (403)	17.81 (442)
E	13.23 (336)	15.28 (383)
F	8.91 (226)	9.12 (229)
G	14.76 (375)	17.72 (459)
H	14.68 (373)	16.61 (422)
I	5.51 (140)	7.48 (190)
J	8.38 (213)	10.35 (264)
K	1.67 (42)	1.79 (45)
L	1.67 (42)	1.79 (45)
M	2.36 (60)	2.28 (58)

Ordering information

NOTE FOR USA CUSTOMERS

All pumps delivered in USA are equipped with universal motors (UM or UT). All UM and UT motors are for 50 Hz and 60 Hz operation, as noted below:
UM 115-230 V/60 Hz UT 230-480 V/60 Hz
110-220 V/50 Hz 220-380 V/50 Hz

MODEL	2033		2063
	1 PHASE	3 PHASES	3 PHASES
Pump 50 Hz		TS0008	TS0021
Pump 60 Hz USA only	ZM 2033	UT 2033	UT 2063
Oil mist eliminator	068442	068442	068442
Minor kit	054286	054286	054489
Major kit	054288	054288	054487

