

MINI X-L pumps family



This pump family with its very small size and low weight provide extra vacuum level to 93 -kPa. Some models are available with the connection plate in aluminium or composite PA. These are recommended to use when the handled product is made of a sealed material or a non-porous material such as plastic, metal or glass.

VACUUM FLOW

Pump name	Feed pressure MPa	Air consumption NI/s	Vacuum flow (NI/s) at different vacuum levels (-kPa)										Max vacuum -kPa
			0	10	20	30	40	50	60	70	80	90	
X5L	0.4	0.39	0.48	0.24	0.12	0.11	0.1	0.086	0.071	0.057	0.03	0.006	93
X10L	0.4	0.79	0.76	0.35	0.24	0.21	0.16	0.13	0.1	0.07	0.04	0.01	93
X20L	0.4	1.6	1.9	1	0.5	0.44	0.38	0.3	0.25	0.17	0.1	0.02	93
X40L	0.4	3.1	3.2	1.5	1	0.9	0.7	0.6	0.5	0.4	0.17	0.038	93

EVACUATION TIMES

Pump name	Feed pressure MPa	Air consumption NI/s	Evacuation time (s/l) to reach different vacuum levels (-kPa)									Max vacuum -kPa
			10	20	30	40	50	60	70	80	90	
X5L	0.4	0.39	0.17	0.82	1.7	2.7	3.9	5.4	7.4	10.6	22.5	93
X10L	0.4	0.79	0.11	0.47	0.94	1.5	2.2	3.1	4.3	6.6	14	93
X20L	0.4	1.6	0.055	0.2	0.4	0.65	0.97	1.4	1.9	2.7	5.1	93
X40L	0.4	3.1	0.038	0.12	0.22	0.33	0.48	0.68	1.2	2.2	3.2	93

ORDERING INFORMATION

Description	Item No.
Vacuum pump MINI X5L, conn. A, NBR sealings	3222127
Vacuum pump MINI X5L, conn. A, NBR sealings, non-return valve	3222127A
Vacuum pump MINI X10L, conn. A, NBR sealings	3222157
Vacuum pump MINI X10L, conn. A, NBR sealings, non-return valve	3222157A
Vacuum pump MINI X20L, conn. B, NBR sealings	3222278
Vacuum pump MINI X20L, conn. B, NBR sealings, non-return valve	3222278A
Vacuum pump MINI X20L, conn. B1, NBR sealings	0103203
Vacuum pump MINI X20L, conn. B1, NBR sealings, non-return valve	0103204
Vacuum pump MINI X20L, conn. C, NBR sealings	3222279
Vacuum pump MINI X20L, conn. C, NBR sealings, non-return valve	3222279A
Vacuum pump MINI X40L, conn. K, NBR sealings	0100423
Vacuum pump MINI X40L, conn. K, NBR sealings, non-return valve	0100425