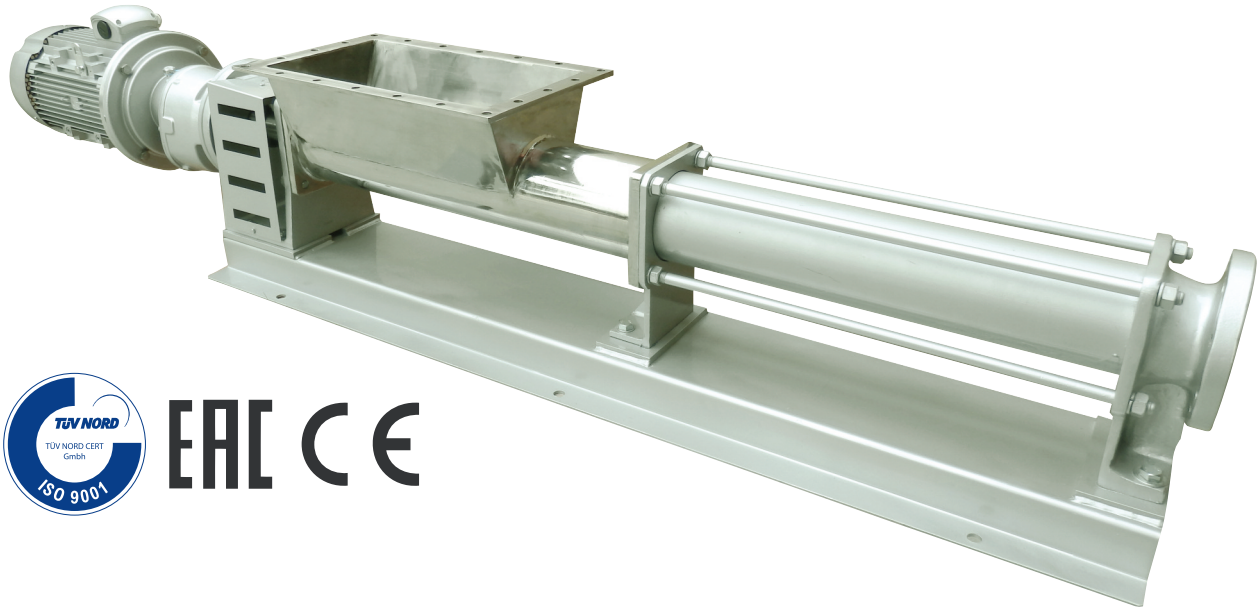
ATLAS Hopper Progressive Cavity Pump

Atlas open hopper pumps convey from viscous to semi-solid liquids with low or no fluidity.
They are equipped with a feed hopper with a screw conveyor to feed optimally the liquid to the conveying elements.
This special design guarantees better feed into the conveying elements. In block construction with a flanged drive, this pump is particularly compact and economical.



Features

- Open hopper housing with rectagular inlet flange and auger with force-feed chamber, provides optimal feed for slowly flowing and pasty media into the conveying elements.
- Continuous low-pulsation conveyance unaffected by fluctuations in pressure and viscosity.
- Capacity in proportion to rolation speed with precision metering over a wide speed range
- High pressure capability without valves

Technical data

Maximum Capacity	40 m3/h
Maximum Pressure	12 Bar
Maximum Temperature	100 °C
Maximum Viscosity	500.000 cPs

ATLAS Hopper Progressive Cavity Pump

The Atlas hopper Progressing Cavity Pump offers you

- Gentle product handling
- Easy service ability
- Robust and compact block construction
- Standard mechanical seal

Basic pump characteristics

Construction Materials:

Pump body : Stainless steel 316 / Cast iron GG25

Ports : Open Hopper x DN 11851 or Flange PN16

Rotating parts : Stainless steel 316

Seal : Mechanical seal Sic/Sic EPDM or FKM
Cer/ Graph / FKM or EPDM

Stator : NBR , EPDM , HYPALON , FKM

Rotor : AISI 316 , Tool Steel AISI D6 HCP

For use in the transfer of :

- High viscous liquids, even paste-like
- Liquids with solid suspensions.
- Liquids that require gentle handling

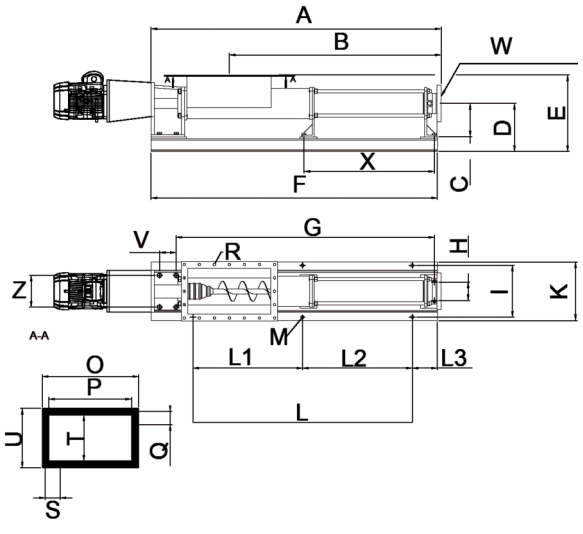
Most common industrial applications are:

- Food and Beverage industry
- Cosmetics industry
- Varnish and paint industry
- Textile industry
- Agriculture
- Petrochemistry

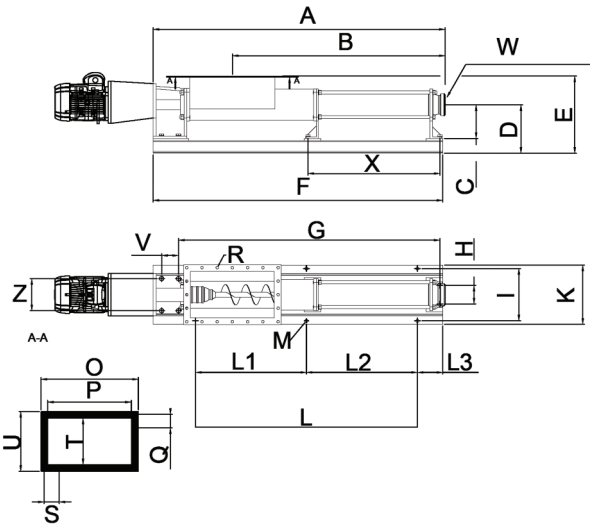
ATLAS
Progressive Cavity Pump

ATLAS Hopper Progressive Cavity Pump

Dimensions WCM



Dimensions WSM

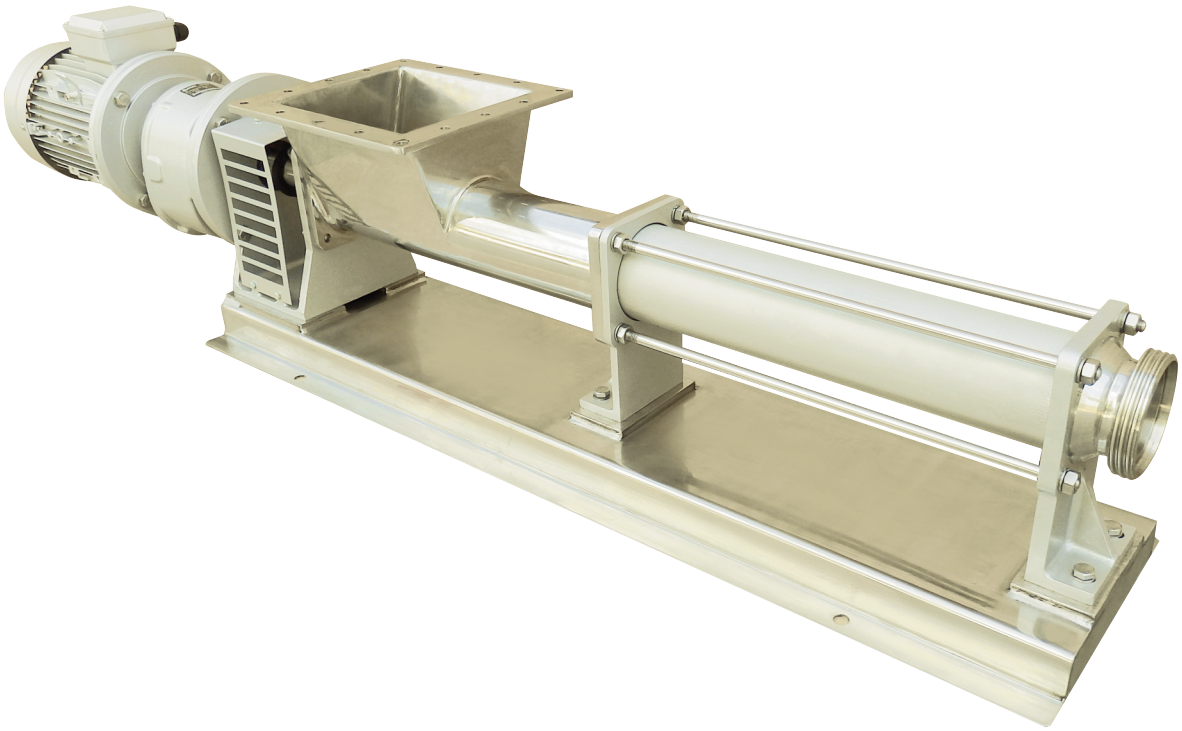


Models	ATLAS WCM DIMENSIONS -mm-																								
	A	B	C	D	E	F	G	H	I	K	L	L1	L2	L3	M	O	P	Q	R	S	T	U	W	X	V	Z
ATLAS 21	698	483	120	178	258	690	590	50	220	250	490	---	---	---	Φ15	190	140	50	Φ8	57	112	170	DN32	---	---	120
ATLAS 31	919	658	160	220	315	900	790	70	245	280	600	---	---	---	Φ15	270	200	55	Φ10	60	175	250	DN50	---	---	140
ATLAS 38	1161	861	160	220	358	1158	1042	78	280	310	758	---	---	---	Φ15	310	240	62,5	Φ10	70	210	280	DN65	---	---	160
ATLAS 45	1222	922	160	220	358	1202	1104	78	280	310	758	---	---	---	Φ15	310	240	62,5	Φ10	70	210	280	DN80	566	---	160
ATLAS 53	1490	1109	179	264	422	1490	1308	92	285	320	1080	540	540		Φ15	400	327	70	Φ12	74	239	310	DN80	677	100	160
ATLAS 63	1735	1267	200	287	457	1712	1545	110	310	350	1312	656	656	150	Φ19	575	495	80	Φ15	90	275	355	DN100	780	100	190
ATLAS 22	698	483	120	178	258	690	590	50	220	250	490	---	---	---	Φ15	190	140	50	Φ8	57	112	170	DN32	---	---	120
ATLAS 32	919	658	160	220	315	900	790	70	245	280	600	---	---	---	Φ15	270	200	55	Φ10	60	175	250	DN50	---	---	140
ATLAS 42	1161	861	160	220	358	1158	1042	78	280	310	758	---	---	---	Φ15	310	240	62,5	Φ10	70	210	280	DN65	---	---	160
ATLAS 52	1490	1109	179	264	422	1490	1308	92	285	320	1080	540	540		Φ15	400	327	70	Φ12	74	239	310	DN80	677	100	160
ATLAS 62	1735	1267	200	287	457	1712	1545	110	310	350	1312	656	656	150	Φ19	575	495	80	Φ15	90	275	355	DN100	780	100	190

Models	ATLAS WSM DIMENSIONS -mm-																								
	A	B	C	D	E	F	G	H	I	K	L	M	Z	O	P	Q	R	S	T	U	W	X	V	L1	L2	L3
ATLAS 21	678	463	120	178	258	690	590	50	220	250	490	Φ15	120	190	140	50	Φ8	57	112	170	DN40	---	---	---	---	---
ATLAS 31	910	649	160	220	315	900	790	70	245	280	600	Φ15	140	270	200	55	Φ10	60	175	250	DN50	---	---	---	---	---
ATLAS 38	1152	852	160	220	358	1158	1042	78	280	310	758	Φ15	160	310	240	62,5	Φ10	70	210	280	DN65	---	---	---	---	---
ATLAS 45	1213	913	160	220	358	1202	1104	78	280	310	758	Φ15	160	310	240	62,5	Φ10	70	210	280	DN80	566	---	---	---	---
ATLAS 53	1483	1102	179	264	422	1490	1308	92	285	320	1080	Φ15	160	400	327	70	Φ12	74	239	310	DN80	677	100	540	540	200
ATLAS 63	1720	1252	200	287	457	1712	1545	110	310	350	1312	Φ19	190	575	495	80	Φ15	90	275	355	DN100	780	100	656	656	150
ATLAS 22	678	463	120	178	258	690	590	50	220	250	490	Φ15	120	190	140	50	Φ8	57	112	170	DN40	---	---	---	---	---
ATLAS 32	910	649	160	220	315	900	790	70	245	280	600	Φ15	140	270	200	55	Φ10	60	175	250	DN50	---	---	---	---	---
ATLAS 42	1152	852	160	220	358	1158	1042	78	280	310	758	Φ15	160	310	240	62,5	Φ10	70	210	280	DN65	---	---	---	---	---
ATLAS 52	1483	1102	179	264	422	1490	1308	92	285	320	1080	Φ15	160	400	327	70	Φ12	74	239	310	DN80	677	100	540	540	200
ATLAS 62	1720	1252	200	287	457	1712	1545	110	310	350	1312	Φ19	190	575	495	80	Φ15	90	275	355	DN100	780	100	656	656	150

ATLAS
Progressive Cavity Pump

ATLAS Hopper Progressive Cavity Pump



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2022.04.13/2000