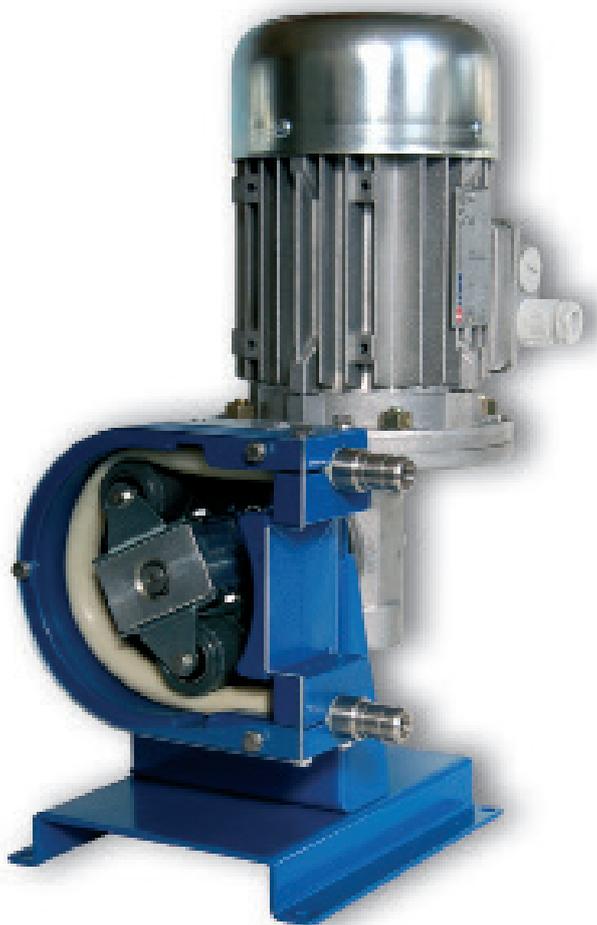


**fluimac**<sup>®</sup>  
p u m p   s o l u t i o n



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**HELIOS**  
PERISTALTIC PUMPS

Made in  
Italy

[www.fluimac.com](http://www.fluimac.com)

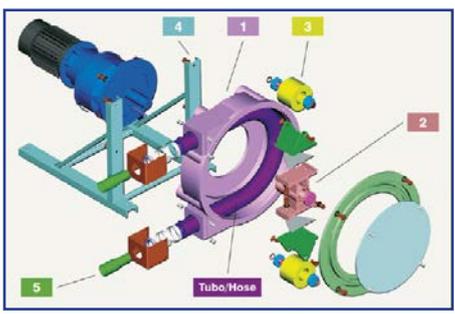
ENGLISH 



# HELIOS ASP

Peristaltic pumps

Capacity up to about 25000 l/h - delivery head up to 10 bar  
 Viscosity up to 60000 cps - Achievable suction up to 8 mts



Element	Material
1 Pump casing	aluminium alloy
2 Rotor	aluminium alloy
3 Rollers	aluminium nylatron
4 Base	Iron
5 Hose Connector	AISI 304

**Special couplings:**  
 Hose Connector in AISI 316, PVC, PTFE  
 DIN  
 TRI-CLAMPS  
 ANSI, ISO, UNI, FLANGES

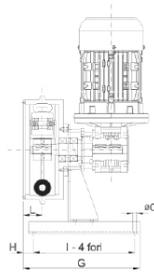
**TECHNICAL FEATURES**

- No mechanical seal or stuffing box
- Robust
- Suitable for aggressive or viscous fluids
- Damage-free continuous dry running
- Outlet pressures up to 10 bar
- Very easy maintenance

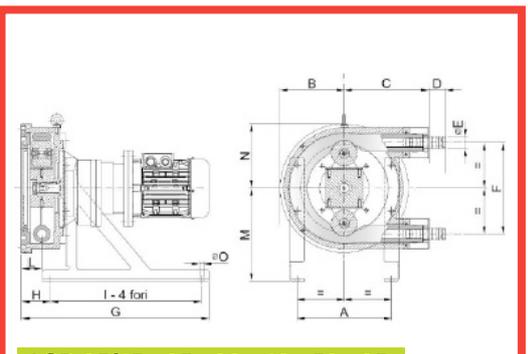
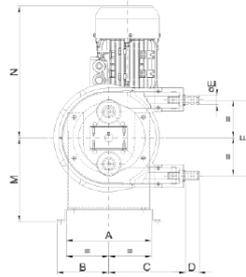
**AVAILABLE HOSES MATERIALS**

- NR
- NBR
- EPDM
- NBR Food
- NR Food
- Hypalon
- EPDM Food





**ASP 10/15**



**ASP 25/15 - 25 - 32 - 40 - 50 - 65**

## OVERALL DIMENSIONS

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	øO	Kg.
ASP 10 FX	210	112	166	25	15	167	251	21	220	40	184	260	7	16
ASP 15 FX	210	112	166	30	20	167	251	21	220	40	184	260	7	16
ASP 25/15 FX	250	170	224	25	20	240	495	75	400	52	228	70	11	44
ASP 25 FX	250	170	224	25	32	240	495	75	400	52	228	170	11	44
ASP 32 FX	330	217	230	66	40	314	655	114	520	68	300	217	11	80
ASP 40 FX	420	270	340	70	50	398	735	130	580	74	370	270	14	120
ASP 50 FX	420	330	380	80	65	512	833	158	650	88	440	330	14	160
ASP 65 FX	566	440	510	91	80	672	1107	142	930	106	570	440	17	430

## TECHNICAL CHARACTERISTICS

TYPE	Q (L/H)	A	P	RPM	I	KW	di	Qu	Nm
ASP 10 FX	47	8	100	23	60	0,18	10	0,034	35
	72	8	80	35	40	0,18			
	96	8	80	47	30	0,37			
	143	8	80	70	20	0,37			
ASP 15 FX	102	8	100	23	60	0,18	15	0,074	35
	155	8	80	35	40	0,18			
	209	8	80	47	30	0,37			
	310	8	80	70	20	0,37			
ASP 25/15 FX	275	8	80	35	40	0,55	15	0,131	40
	354	8	80	45	31,5	0,75			
	440	8	70	56	25	0,75			
	550	8	60	70	20	0,75			
ASP 25 FX	672	8	80	35	40	0,55	25	0,32	40
	864	8	80	45	31,5	0,75			
	1075	8	70	56	25	0,75			
	1344	8	60	70	20	0,75			
ASP 32 FX	1596	8	100	38	37	1,1	32	0,70	75
	1974	8	80	47	30	1,1			
	2436	8	60	58	24	1,1			
	2940	8	40	70	20	1,1			
ASP 40 FX	2040	8	100	25	56	1,5	40	1,36	110
	2938	8	80	36	39	1,5			
	3672	8	60	45	31,5	1,5			
	5712	8	40	70	20	1,5			
ASP 50 FX	4185	8	100	25	56	2,2	50	2,79	200
	6026	8	60	36	39	2,2			
	7533	8	60	45	31,5	3			
	11718	8	40	70	20	3			
ASP 65 FX	8580	8	80	22	63	4	65	6,50	400
	13650	8	60	35	40	5,5			
	15500	8	60	45	31,5	7,5			
	21840	8	50	56	25	7,5			

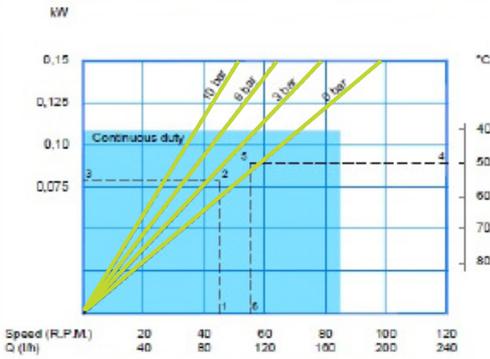
## MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. 1400 IP55

A = suction pressure in m  
 P = discharge pressure in m  
 I = ratio

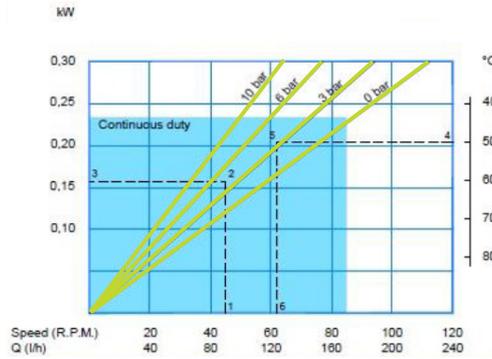
\*= according to hose compound  
 di = inn. diam. pump hose mm  
 Qu = litres for revolution  
 Nm = min. start. torque

## PERFORMANCE CURVES

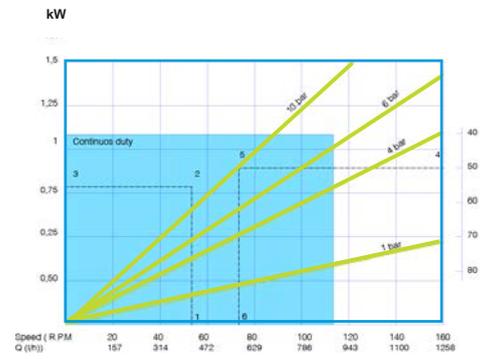
ASP 10



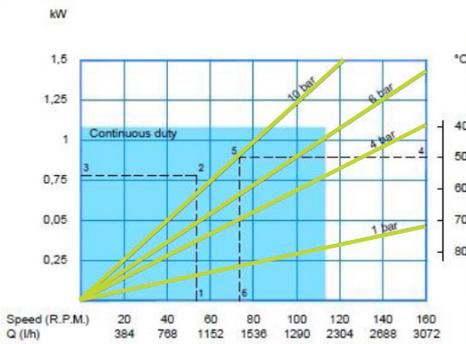
ASP 15



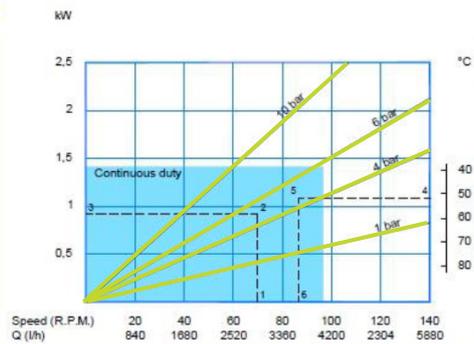
ASP 25/15



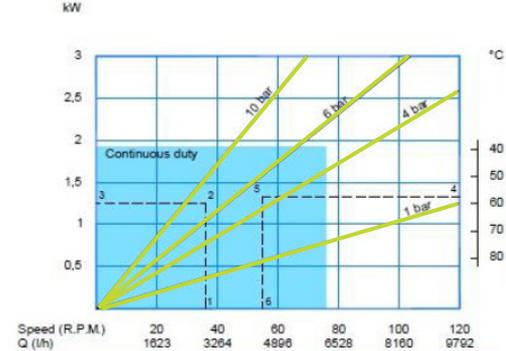
ASP 25



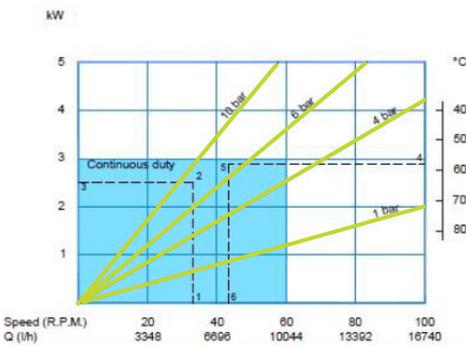
ASP 32



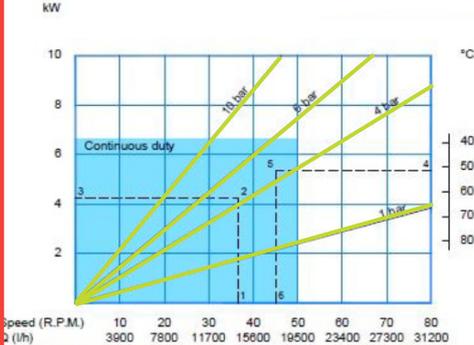
ASP 40



ASP 50



ASP 65



### HOW TO USE THE CURVES

- Flow required indicates pump speed
  - Calculated discharge pressure
  - Net motor power required
  - Fluid temperature
  - Calculated discharge pressure
  - Maximum recommended pump speed
- The operating data here described refer to water or similar peculiarity fluid

### SPECIAL VERSION



DOUBLE HEAD



PUMP HEAD



TROLLEY

# fluimac®

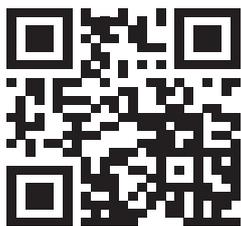
pump solution



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*Made in  
Italy*

