

"Fluimac" Peristaltic dosing Pump - Helios



<u>SPECIFICATIONS:</u>	<u>Technical Characteristics – AS/FX</u>	<u>Technical Characteristics – AS/VX</u>	<u>Technical Characteristics – AS/IX</u>
Flow-rates :	23 – 178 l/h	3.2 – 1280 l/h	1.5 – 1785 l/h
Head :	15 – 40 mt	15 – 40 mt	15 – 40 mt
Motors :	0.18 – 0.75 Kw	0.22 – 0.75 Kw	0.18 – 0.75 Kw

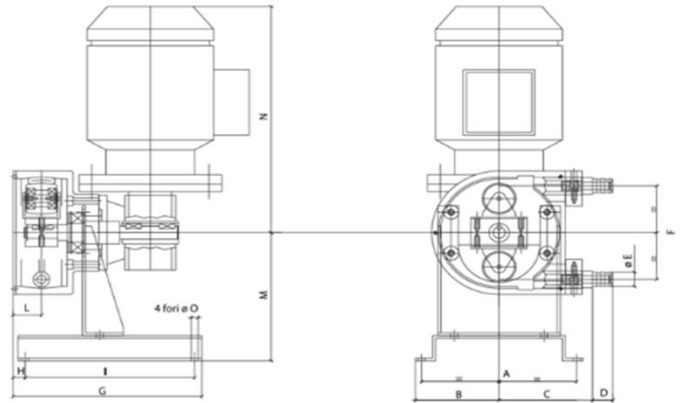


<u>SPECIFICATIONS:</u>	<u>Technical Characteristics – ASP/FX</u>	<u>Technical Characteristics – ASP/VX</u>	<u>Technical Characteristics – ASP/IX</u>
Flow-rates :	47 – 21840 l/h	9 – 24570 l/h	1.5 – 1785 l/h
Head :	15 – 100 mt	40 – 100 mt	15 – 40 mt
Motors :	0.18 – 7.5 Kw	0.25 – 7.5 Kw	0.18 – 0.75 Kw



<u>SPECIFICATIONS:</u>	<u>Technical Characteristics – ATR/FX</u>	<u>Technical Characteristics – ASP/IX</u>
Flow-rates :	12160 – 52845 l/h	2432 – 63414 l/h
Head :	20 – 50 mt	20 – 50 mt
Motors :	5.5 – 11 Kw	5.5 – 11 Kw

"Fluimac" Peristaltic dosing Pump - Helios



OVERALL DIMENSIONS

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	eO	Kg.
AS 10 FX	172	92	92	20	15	104	185	12	166	28	137	245	7	9
AS 15 FX	172	92	110	20	20	127	183	12	166	30	137	245	7	10
AS 20 FX	210	112	142	35	25	175	248	18	220	40	184	260	7	18
AS 25 FX	250	146	210	45	32	254	386	81	290	52	228	370	11	40

TECHNICAL CHARACTERISTICS

TYPE	Q (L/H)	A	P	RPM	I	KW	di	Qu	Nm
AS 10 FX	23	4	15	23	60	0,18	9	0,017	6
	35	4	15	35	40	0,18			
	47	4	15	47	30	0,18			
	70	4	15	70	20	0,18			
	93	4	15	93	15	0,18			
AS 15 FX	56	4	15	23	60	0,18	13	0,041	12
	86	4	15	35	40	0,18			
	115	4	15	47	30	0,18			
	172	4	15	70	20	0,18			
	228	4	15	93	15	0,18			
AS 20 FX	149	5	* 15 - 40	23	60	0,18	17	0,108	20
	227	5	* 15 - 40	35	40	0,18			
	305	5	* 15 - 30	47	30	0,18			
	453	5	* 15 - 30	70	20	0,18			
	602	5	* 10 - 20	93	15	0,18			
AS 25 FX	538	6	* 20 - 40	28	60	0,37	25	0,320	30
	672	6	* 20 - 40	35	40	0,37			
	902	6	* 20 - 30	47	30	0,37			
	1344	6	* 20 - 30	70	20	0,75			
	1785	6	* 15 - 25	93	15	0,75			

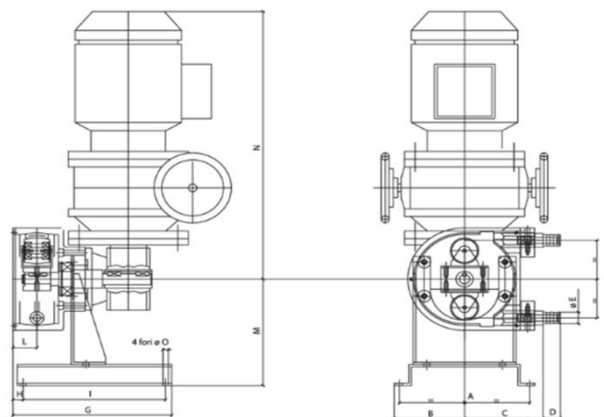
MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. I400 IP55

* = according to hose compound

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

di = inn. diam. pump hose mm
Qu = litres for revolution
Nm = min. start. torque

"Fluimac" Peristaltic dosing Pump - Helios



OVERALL DIMENSIONS

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	øO	Kg.
AS 10 VX	172	92	92	20	15	104	185	12	166	28	137	328	7	12
AS 15 VX	172	92	110	20	20	127	183	12	166	30	137	328	7	13
AS 20 VX	210	112	142	35	25	175	248	18	220	40	184	343	7	22
AS 25 VX	250	146	210	45	32	254	386	81	290	52	228	476	11	45

TECHNICAL CHARACTERISTICS

TYPE	Q (L/H)	A	P	RPM	I	KW	di	Qu	Nm
AS 10 VX	3,2 ÷ 15	4	15	3,2 ÷ 15	60	0,22	9	0,017	6
	4,7 ÷ 22,5	4	15	4,7 ÷ 22,5	40	0,22			
	6,3 ÷ 30	4	15	6,3 ÷ 30	30	0,22			
	9,5 ÷ 45	4	15	9,5 ÷ 45	20	0,22			
	19 ÷ 90	4	15	19 ÷ 90	10	0,22			
AS 15 VX	7,8 ÷ 37	4	15	3,2 ÷ 15	60	0,22	13	0,041	12
	11,6 ÷ 55	4	15	4,7 ÷ 22,5	40	0,22			
	15,5 ÷ 73,8	4	15	6,3 ÷ 30	30	0,22			
	23,4 ÷ 110	4	15	9,5 ÷ 45	20	0,22			
	47 ÷ 221	4	15	19 ÷ 90	10	0,22			
AS 20 VX	21 ÷ 97	5	* 15 - 40	3,2 ÷ 15	60	0,22	17	0,108	20
	30 ÷ 146	5	* 15 - 40	4,7 ÷ 22,5	40	0,22			
	41 ÷ 194	5	* 15 - 40	6,3 ÷ 30	30	0,22			
	62 ÷ 291	5	* 15 - 40	9,5 ÷ 45	20	0,22			
	82 ÷ 388	5	* 15 - 40	12,7 ÷ 60	15	0,22			
AS 25 VX	73 ÷ 365	6	* 20 - 40	3,8 ÷ 19	60	0,37	25	0,320	30
	90 ÷ 455	6	* 20 - 40	4,7 ÷ 23,7	40	0,37			
	121 ÷ 608	6	* 20 - 35	6,3 ÷ 31,7	30	0,37			
	182 ÷ 912	6	* 15 - 30	9,5 ÷ 47,5	20	0,37			
	243 ÷ 1280	6	* 15 - 25	12,7 ÷ 66,7	15	0,75			

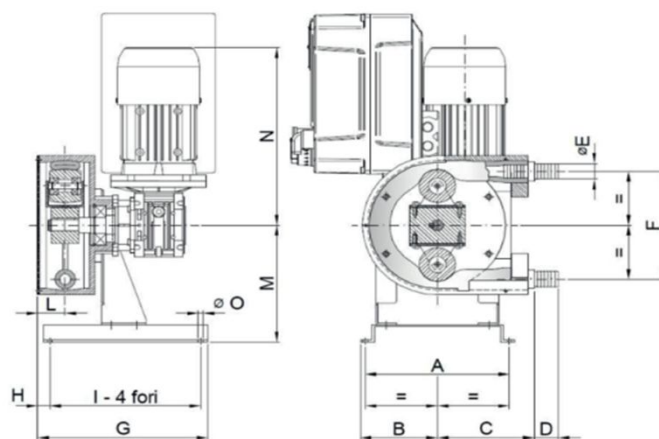
MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. I400 IP55

* = according to hose compound

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

di = inn. diam. pump hose mm
Qu = litres for revolution
Nm = min. start. torque

"Fluimac" Peristaltic dosing Pump - Helios



OVERALL DIMENSIONS

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	øO	Kg.
AS 10 IX	172	92	92	20	15	104	185	12	166	28	137	245	7	9
AS 15 IX	172	92	110	20	20	127	183	12	166	30	137	245	7	10
AS 20 IX	210	112	142	35	25	175	248	18	220	40	184	260	7	18
AS 25 IX	250	146	210	45	32	254	386	81	290	52	228	370	11	40

TECHNICAL CHARACTERISTICS

TYPE	Q (L/H)	A	P	RPM	I	KW	di	Qu	Nm
AS 10 IX	1,5 ÷ 47	4	15	1,5 ÷ 47	60	0,18	9	0,017	6
	3 ÷ 93	4	15	3 ÷ 93	30	0,18			
	6 ÷ 185	4	10	6 ÷ 185	15	0,18			
AS 15 IX	3,7 ÷ 115	4	15	1,5 ÷ 47	60	0,18	13	0,041	12
	7 ÷ 172	4	15	2,8 ÷ 70	40	0,18			
	15 ÷ 345	4	15	6 ÷ 140	30	0,18			
AS 20 IX	10 ÷ 304	5	* 15 - 40	1,5 ÷ 47	60	0,18	17	0,108	20
	18 ÷ 453	5	* 15 - 40	2,8 ÷ 70	40	0,18			
	20 ÷ 602	5	* 15 - 30	3 ÷ 93	30	0,18			
AS 25 IX	29 ÷ 902	6	* 20 - 40	1,5 ÷ 47	60	0,37	25	0,320	30
	54 ÷ 1344	6	* 20 - 40	2,8 ÷ 70	40	0,55			
	58 ÷ 1785	6	* 15 - 25	3 ÷ 93	30	0,75			

MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. I400 IP55

*= according to hose compound

4-20mA SIGNAL ON DEMAND

A = suction pressure in m
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di = inn. diam. pump hose mm
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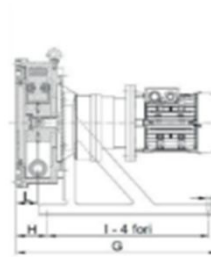
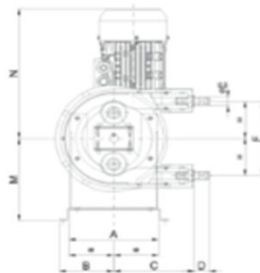
"Fluimac" Peristaltic Pump - Helios



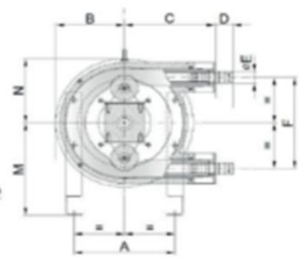
**MAIN POWER
HYDRAULICS**



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	oO	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	170	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			
	1550	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

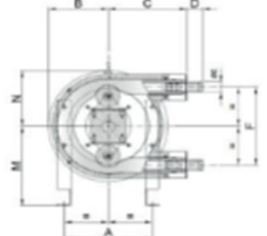
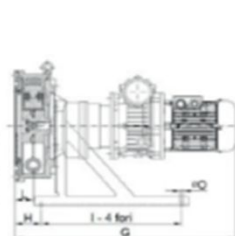
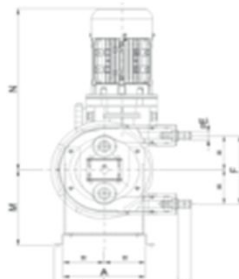
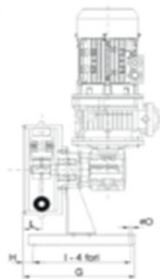
di = inn. diam. pump hose mm
Qu = litres for revolution
Nm = min. start. torque

*= according to hose compound

"Fluimac" Peristaltic Pump - Helios



**MAIN POWER
HYDRAULICS**



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

ASP 10/15

OVERALL DIMENSIONS

TYPE	A	B	C	D	E	F	G	H	I	L	M	N	øO	Kg.
ASP 10 VX	210	112	166	25	15	167	251	21	220	40	184	345	7	20
ASP 15 VX	210	112	166	30	20	167	251	21	220	40	184	345	7	20
ASP 25/15 VX	250	170	224	45	20	240	640	75	400	52	228	170	11	50
ASP 25 VX	250	170	224	45	32	240	640	75	400	52	228	170	11	50
ASP 32 VX	330	217	290	66	40	314	735	114	520	68	300	217	11	90
ASP 40 VX	420	270	340	70	50	398	884	130	580	74	370	270	14	120
ASP 50 VX	420	330	380	80	65	512	1017	158	650	88	440	330	14	180
ASP 65 VX	566	440	510	91	80	672	1385	142	930	106	570	440	18	430

TECHNICAL CHARACTERISTICS

TYPE	Q (L/H)	A	P	RPM	I	KW	di	Qu	Nm
ASP 10 VX	9÷65	8	100/80	4,5÷32	60	0,25			
	19÷130	8	100/60	9,3÷65	40	0,37	10	0,034	35
	28,5÷200	8	100/50	14÷98	20	0,37			
ASP 15 VX	20÷142	8	100/80	4,5÷32	60	0,25			
	41,3÷289	8	100/60	9,3÷65	30	0,37	15	0,074	35
	62÷435	8	100/50	14÷98	20	0,37			
ASP 25/15 VX	55÷385	8	100/80	7÷49	40	0,75			
	71÷495	8	100/60	9÷63	31,5	0,75	15	0,131	40
	110÷870	8	100/50	14÷98	20	0,75			
ASP 25 VX	134÷940	8	100/80	7÷49	40	0,75			
	173÷1210	8	100/60	9÷63	31,5	0,75	25	0,32	40
	268÷1880	8	100/50	14÷98	20	0,75			
ASP 32 VX	294÷2058	8	100/80	7÷42	46	1,5			
	390÷2730	8	100/60	9,3÷65	30	1,5	32	0,70	75
	588÷4116	8	100/40	14÷98	20	1,5			
ASP 40 VX	408÷2856	8	100/80	5÷35	56	1,5			
	734÷5140	8	100/50	9÷63	31,5	2,2	40	1,36	110
	938÷6528	8	100/40	11,5÷80	24,5	2,2			
ASP 50 VX	837÷5860	8	100/80	5÷35	56	2,2			
	1507÷10546	8	100/50	9÷63	31,5	3	50	2,79	200
	1925÷13395	8	100/40	11,5÷80	24,5	4			
ASP 65 VX	1720÷12090	8	100/80	4,4÷31	63	5,5			
	2730÷19110	8	100/50	7÷49	40	7,5	65	6,50	400
	3510÷24570	8	100/40	9÷63	31,5	7,5			

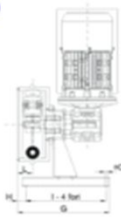


MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. 1400 IP55

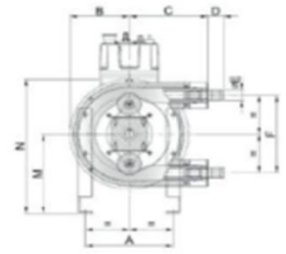
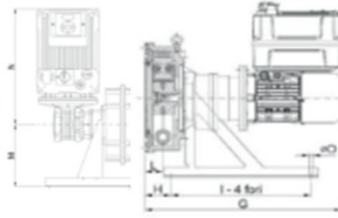
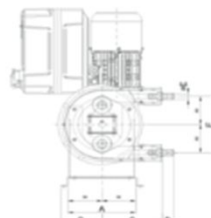
A = suction pressure in m
P = discharge pressure in m
I = ratio

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

"Fluimac" Peristaltic Pump - Helios



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 IX	210	112	166	25	15	167	251	21	220	40	184	334	7	25
ASP 15 IX	210	112	166	30	20	167	251	21	220	40	184	334	7	25
ASP 25/15 IX	250	170	224	25	20	240	550	75	400	52	228	398	11	54
ASP 25 IX	250	170	224	25	32	240	550	75	400	52	228	398	11	54
ASP 32 IX	330	217	230	66	40	314	654	114	520	68	300	517	11	90
ASP 40 IX	420	270	340	70	50	398	735	130	580	74	370	640	14	130
ASP 50 IX	420	330	380	80	65	512	833	158	650	88	440	770	14	170
ASP 65 IX	566	440	510	91	80	672	1107	142	930	106	570	1010	18	430



TECHNICAL CHARACTERISTICS

TYPE	Q (L/H)	A	P	RPM	I	KW	di	Qu	Nm
ASP 10 IX	6,5÷30,6	8	100/80	3,2÷15	60	0,22	10	0,034	35
	9,6÷46	8	100/70	4,7÷22,5	40	0,22			
	15,5÷77,5	8	100/60	7,6÷38	25	0,37			
	26÷129	8	100/50	12,7÷63,3	15	0,37			
ASP 15 IX	14,2÷66,6	8	100/80	3,2÷15	60	0,22	15	0,074	35
	21÷100	8	100/70	4,7÷22,5	40	0,22			
	34÷168,7	8	100/60	7,6÷38	25	0,37			
	56,4÷281	8	100/50	12,7÷63,3	15	0,37			
ASP 25/15 IX	37÷196,5	8	100/60	4,7÷25	40	0,37	15	0,131	40
	60÷314,4	8	100/70	7,6÷40	25	0,75			
	94,3÷487,3	8	100/50	12÷62	16	0,75			
	118÷629	8	100/40	15÷80	12,5	0,75			
ASP 25 IX	90÷480	8	100/60	4,7÷25	40	0,37	25	0,32	40
	146÷768	8	100/60	7,6÷40	25	0,75			
	230÷1190	8	100/50	12÷62	16	0,75			
	288÷1536	8	100/40	15÷80	12,5	0,75			
ASP 32 IX	210÷1134	8	100/60	5÷27	37	1,1	32	0,70	75
	319÷1680	8	100/60	7,6÷40	25	1,1			
	504÷2604	8	100/50	12÷62	16	1,1			
	630÷3360	8	100/40	15÷80	12,5	1,1			
ASP 40 IX	342÷1811	8	100/60	4,2÷22,2	45	1,5	40	1,36	110
	489÷2611	8	100/60	6÷32	31,5	1,5			
	775÷4080	8	100/50	9,5÷50	20	2,2			
	979÷5059	8	100/40	12÷62	16	2,2			
ASP 50 IX	703÷3716	8	100/60	4,2÷22,2	45	2,2	50	2,79	200
	1004÷5356	8	100/60	6÷32	31,5	2,2			
	1590÷8370	8	100/50	9,5÷50	20	3			
	2008÷10378	8	100/40	12÷62	16	3			
ASP 65 IX	1638÷8658	8	100/60	4,2÷22,2	45	4	65	6,50	400
	2340÷12480	8	100/60	6÷32	31,5	5,5			
	2964÷15600	8	100/50	7,6÷40	25	7,5			
	3705÷19500	8	100/40	9,5÷50	20	7,5			

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* = according to hose compound

4-20mA SIGNAL ON DEMAND

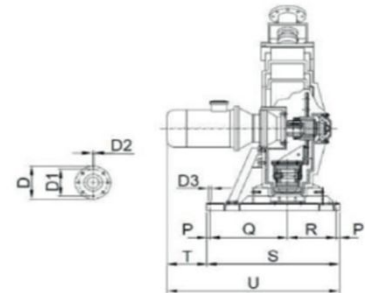
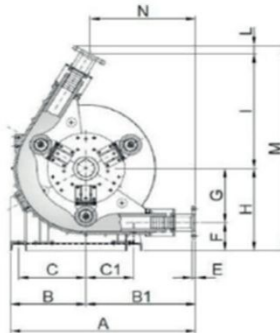
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Qu = litres for revolution
Nm = min. start. torque

"Fluimac" Peristaltic Pump - Helios



MAIN POWER
HYDRAULICS



ATR 80 FX/TD

OVERALL DIMENSIONS

A	B	B1	C	C1	D	D1	D2	D3	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U
1148	467	681	417	295	220	180	16	18	22	189	365	554	772	55	1391	657	O	20	480	300	820	245	1065

TECHNICAL CHARACTERISTICS

Q(L/H)	A	P	RPM	Kw	di	Qu	Nm	Kg
12160	8	50 (80)	22,3	5,5 (7,5)				
18874	8	30 (50)	34,6	5,5 (9)	80	9,1	1200	390
21915	8	25 (45)	40,1	5,5 (9)				
26422	8	20 (40)	48,4	7,5 (11)				

ATR 280 FX/TD

OVERALL DIMENSIONS

A	B	B1	C	C1	D	D1	D2	D3	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U
1148	467	681	417	295	220	180	16	18	22	189	365	554	772	55	1391	657	119	20	550	370	960	294	1254

TECHNICAL CHARACTERISTICS

Q(L/H)	A	P	RPM	Kw	di	Qu	Nm	Kg
24321	8	50 (80)	22,2	7,5 (11)				
37748	8	30 (50)	34,6	11 (15)	80	18,2	2000	515
43830	8	25 (45)	40,1	11 (15)				
52845	8	20 (40)	48,4	11 (15)				

MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. I400 IP55

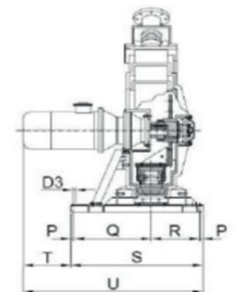
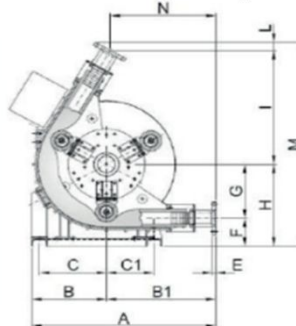
* = according to hose compound
A = suction pressure in m
P = discharge pressure in m

di = inn. diam. pump hose mm
Qu = litres for revolution
Nm = min. start. torque

"Fluimac" Peristaltic Pump - Helios



**MAIN POWER
HYDRAULICS**



ATR 80 IX/TD

OVERALL DIMENSIONS

A	B	B1	C	C1	D	D1	D2	D3	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U
1148	467	681	417	295	220	180	16	18	22	189	365	554	772	55	1381	657	O	20	480	300	820	245	1065

TECHNICAL CHARACTERISTICS

Q(L/H)	A	P	RPM	Kw	hz	di	Qu	Nm	Kg
2432 ÷ 14592	8	50 (80)	4,5 ÷ 26,7	5,5 (7,5)					
3775 ÷ 22649	8	30 (50)	6,9 ÷ 41,5	5,5 (9)	10 ÷ 60	80	9,1	1200	440
4383 ÷ 26298	8	25 (45)	8,0 ÷ 48,2	7,5 (11)					
5284 ÷ 31707	8	20 (40)	9,7 ÷ 58,1	7,5 (11)					

ATR 280 IX/TD

OVERALL DIMENSIONS

A	B	B1	C	C1	D	D1	D2	D3	E	F	G	H	I	L	M	N	O	P	Q	R	S	T	U
1148	467	681	417	295	220	180	16	18	22	189	365	554	772	55	1381	657	119	20	550	370	960	294	1254

TECHNICAL CHARACTERISTICS

Q(L/H)	A	P	RPM	Kw	hz	di	Qu	Nm	Kg
4864 ÷ 29185	8	50 (80)	4,5 ÷ 26,7	11 (15)					
7550 ÷ 45298	8	30 (50)	6,9 ÷ 41,5	11 (15)	10 ÷ 60	80	18,2	2000	580
8766 ÷ 52596	8	25 (45)	8,0 ÷ 48,2	11 (15)					
10569 ÷ 63414	8	20 (40)	9,7 ÷ 58,1	11 (15)					

MOTOR 3 PH - VOLTS 230/400 HZ 50 R.P.M. I400 IP55

4-20mA SIGNAL ON DEMAND

* = according to hose compound
A = suction pressure in m
P = discharge pressure in m

di = inn. diam. pump hose mm
Qu = litres for revolution
Nm = min. start. torque