

AS50C

Pompa centrifuga verticale, ad uno stadio, albero a sbalzo, bussole usura flussate dal liquido in pompaggio
Vertical centrifugal sump pump, single stage, cantilever shaft, bushings fluxed by pumped liquid

Girante sospesa aperta <i>Open overhung impeller</i>	Ø 165 mm	Tubo guaina flangiata <i>Flanged column pipe</i>	Lunghezza pompa (quota G) <i>Pump lenght (G dimension)</i>	320 ÷ 3000 mm
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Bocchelli aspirazione/mandata <i>Suction/discharge connections</i>	Portagomma – Hose adaptor	Ø 60 mm	Peso <i>weight</i>	netto <i>net</i>	26 ÷ 90 kg
	Flangia libera – Backing ring	DN 50		lordo <i>gross</i>	kg
	Filetto maschio – Threaded	2"	Dimensioni - <i>dimensions</i>		mm

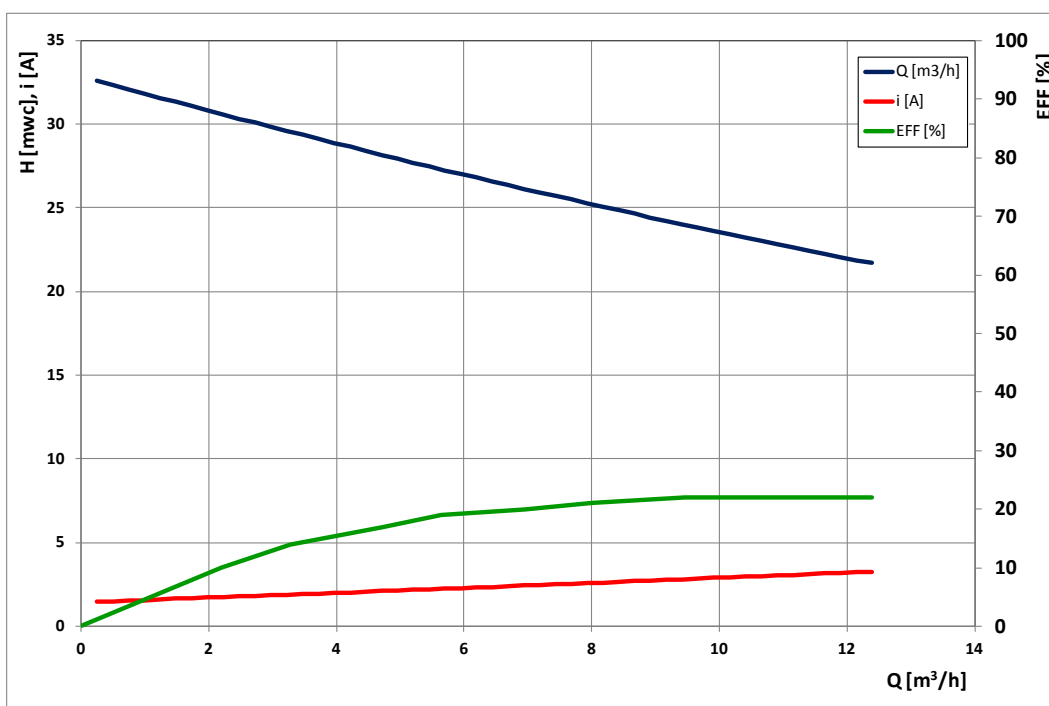
Motore elettrico trifase CVE
Three-phases electric motor TEFC

3 kW – 2800 rpm – IP55 – F/B Insulation class - 230/400 Volt 50 Hz 5,92 A

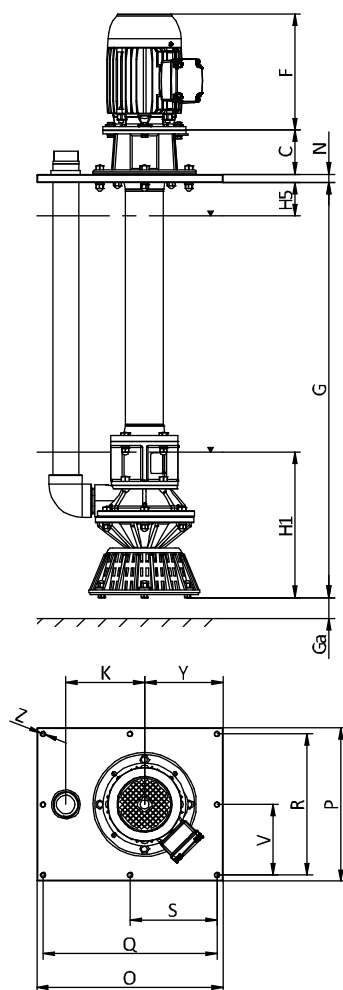
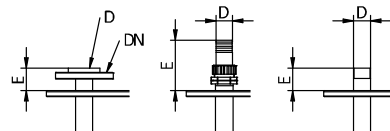
Tabella prestazioni - Performances table

No	V	assorbimento – <i>absortion</i>		portata-delivery		prevalenza - <i>head</i>	eff.	Potenza motore @ peso specifico Motor power @ specific gravity		dB(A)
		A	kW	l/min	m³/h	m w.c.	%	kW 3	kW 4	
								SG kg/m³ max	SG kg/m³ max	
1	400	5.9	3.4	222	13.3	21	22	1000	1300	≤ 75
2		5.3	3.0	178	10.7	23	22	1100	1450	
3		4.9	2.6	138	8.3	25	21	1200	1600	
4		4.4	2.3	100	6.0	27	19	1300	1750	
5		4.1	2.0	64	3.8	29	14	1450	1900	
6		3.8	1.7	30	1.8	31	10	1550	2050	
7		3.5	1.4	0	0	33.2	0	1650	2250	
8										
9										

Curva – Curve



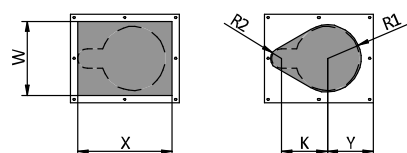
AS50 – PP / PVC / PVDF – Length: 465 - 1550 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ⁽⁺⁾
Hose adaptor ⁽⁺⁾

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Max

Min

Ga Distanza minima dal fondo vasca
Minimum clearance from bottom vessel

G_{max} Lunghezza massima della pompa (G)
Maximum pump length (G)

G_{min} Lunghezza minima della pompa (G)
Minimum pump length (G)

H1 Sommergenza minima
Minimum submergence

H5 Livello massimo
Maximum level

*Dimensioni e pesi suscettibili di variazione
*Dimensions and weights subject to variations

⁽⁺⁾ Solo per PP. *Only for PP.*

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
1.1	4	90S	255	19.5
2.2	2	90L	270	23.5
3	2	100L	315	32
4	2	112M	330	41

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
107	465	1550	50	350	80	190	20	190	15.5

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
450	370	420	340	210	170	10.5

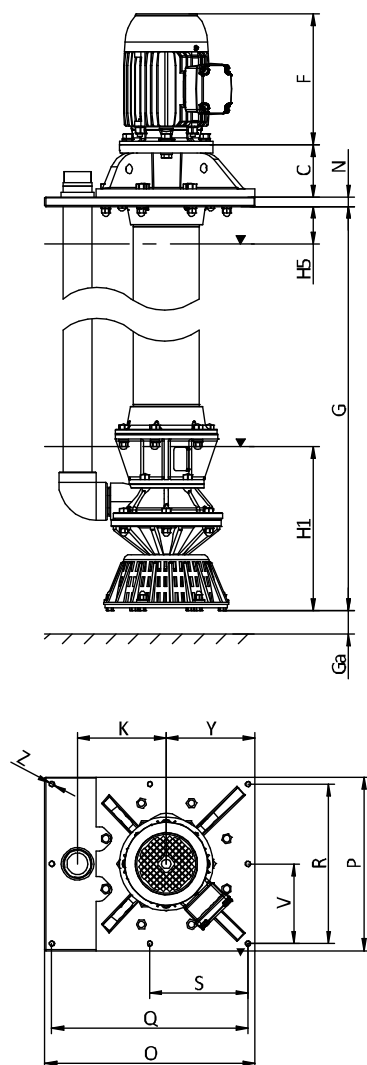
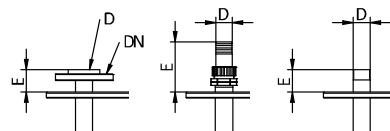
Attacchi – *Connections*

		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	55	63	50
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	55	63	2"
Portagomma – <i>Hose adaptor</i> ⁽⁺⁾	ISO 228/1	145	50	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	55	G 2	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
190	280	85	310	390	190

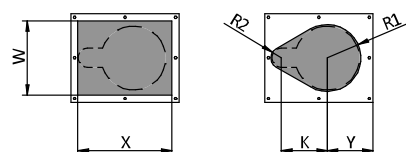
AS50 – PP / PVC / PVDF – Length: 1600 - 1950 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ^(*)
Hose adaptor ^(*)

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


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Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
1.1	4	90S	255	19.5
2.2	2	90L	270	23.5
3	2	100L	315	32
4	2	112M	330	41
5.5	2	132S	370	65

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
112	1600	1950	50	350	80	190	20	190	29.6

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
450	370	420	340	210	170	10.5

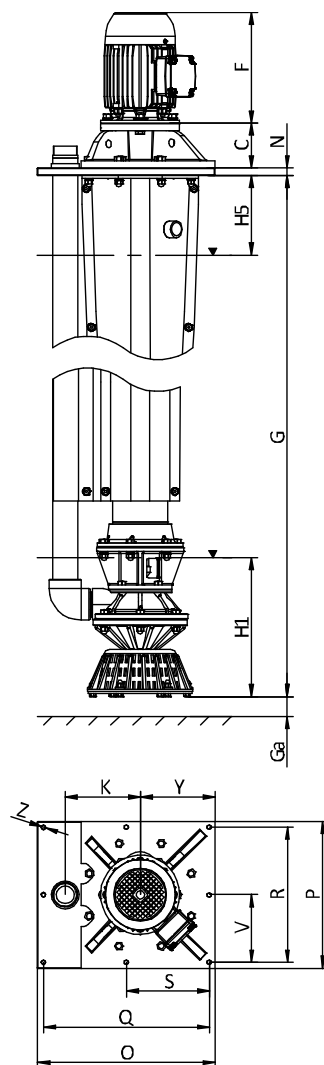
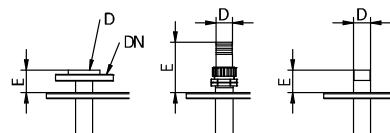
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Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	55	63	2"
Portagomma – Hose adaptor ⁽⁺⁾	ISO 228/1	145	50	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	55	G 2	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
190	315	85	310	390	190

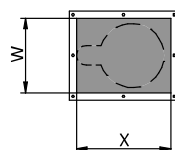
AS50 – PP / PVC / PVDF – Length: 2000 - 3000 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ⁽⁺⁾
Hose adaptor ⁽⁺⁾

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Ga Distanza minima dal fondo vasca
Minimum clearance from bottom vessel

G_{max} Lunghezza massima della pompa (G)
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Minimum submergence

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Maximum level

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Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
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3	2	100L	315	32
4	2	112M	330	41
5.5	2	132S	370	65

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
112	2000	3000	50	350	200	190	20	190	59.9

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
450	370	420	340	210	170	10.5

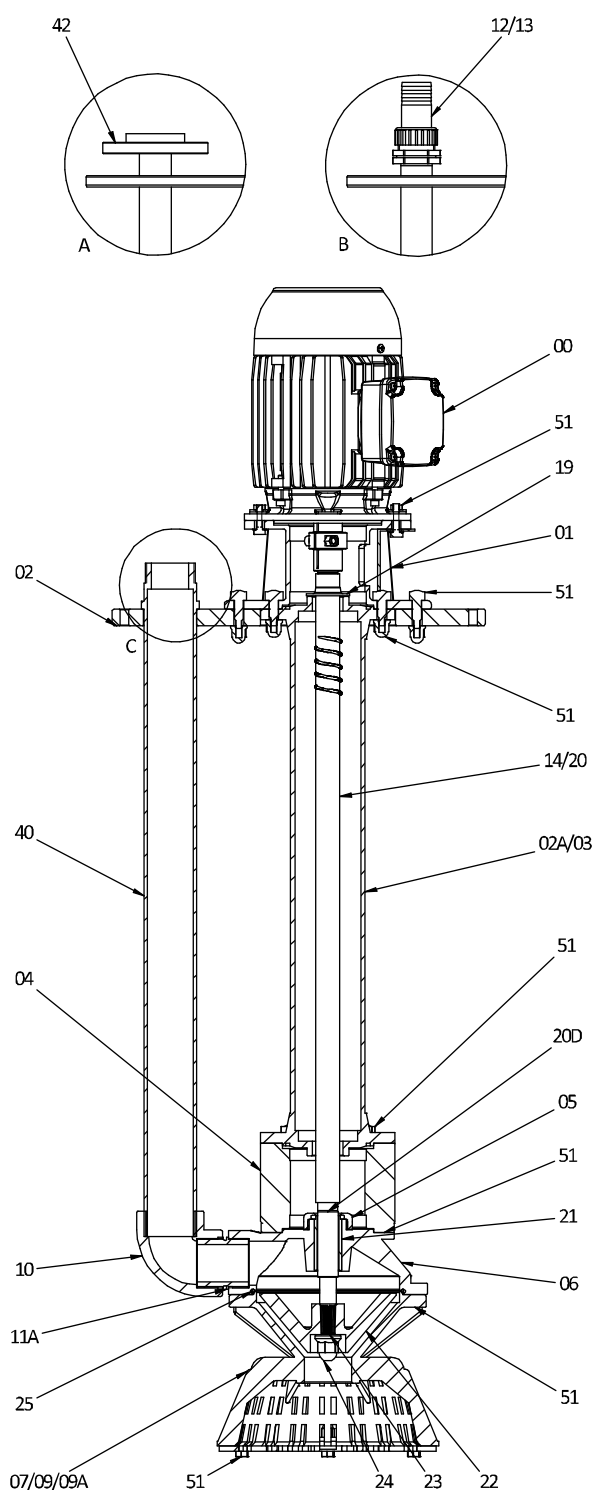
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Portagomma – Hose adaptor ⁽⁺⁾	ISO 228/1	145	50	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	55	G 2	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
190	-	-	310	390	190

AS50 - PP / PVC / PVDF - Length: 465 - 1550 mm



A - Flangia libera *Backing ring*
B - Portagomma *Hose adaptor* ^(*)
C - Filetto maschio *Male threaded*

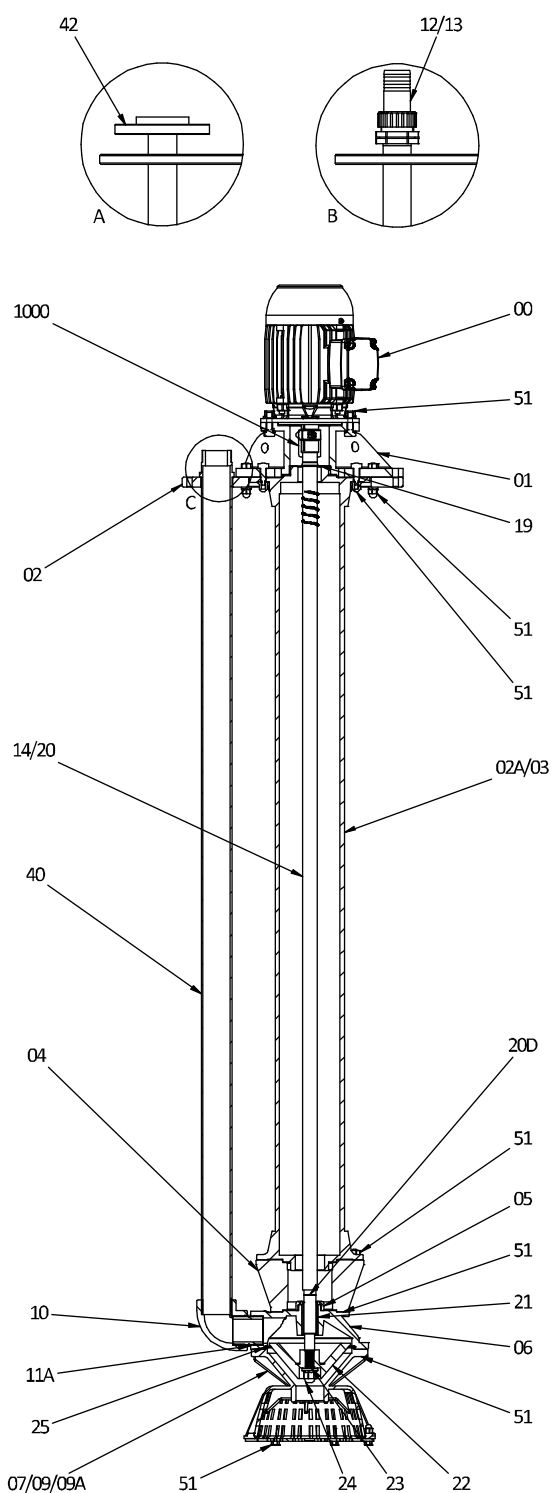
Codice Part-No.	Denominazione Designation	Qt.
00	Motore <i>Electric Motor</i>	1
01	Castelletto motore <i>Motor stool</i>	1
02	Flangia appoggio <i>Support plate</i>	1
02A/03	Guaina completa <i>Support column</i>	1
04	Castelletto pompa <i>Pump stool</i>	1
05	Ghiera <i>Ring nut</i>	1
06	Corpo pompa <i>Pump casing</i>	1
07/09/09A	Coperchio pompa con cestello <i>Pump cover with suction strainer</i>	1
10	Gomito mandata <i>Delivery elbow</i>	1
11A	Nipplo <i>Nipple</i>	1
12/13	Portagomma <i>Hose adaptor</i>	1
14/20	Albero completo <i>Complete shaft</i>	1
19	Deflettore <i>Baffle</i>	1
20D	Bussola albero <i>Shaft bushing</i>	1
21	Bussola pompa <i>Pump bushing</i>	1
22	Girante <i>Impeller</i>	1
23	Rondella girante <i>Impeller washer</i>	1
24	Dado girante <i>Impeller nut</i>	1
25	O Ring <i>O Ring</i>	1
40	Tubo mandata <i>Delivery pipe</i>	1
42	Flangia libera <i>Backing ring</i>	1
51	Serie Bulloneria/Rondelle <i>Nuts/Bolts/Washers Set</i>	1

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Coperchio - Girante <i>Cover - Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato - Al ₂ O ₃ - SiC <i>PTFE filled - Al₂O₃ - SiC</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*

AS50 - PP / PVC / PVDF - Length: 1600 - 1950 mm



A - Flangia libera *Backing ring*
B - Portagomma *Hose adaptor* ^(*)
C - Filetto maschio *Male threaded*

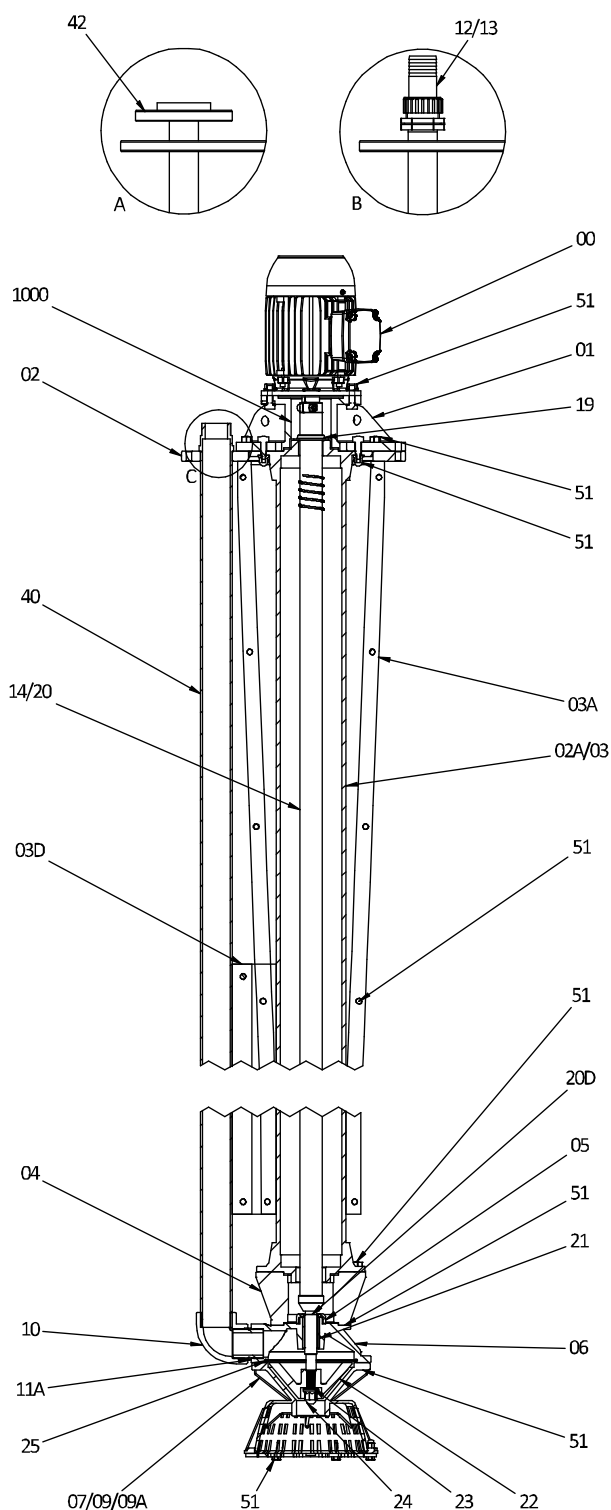
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01	Castelletto motore <i>Motor stool</i>	1
02	Flangia appoggio <i>Support plate</i>	1
02A/03	Guaina completa <i>Support column</i>	1
04	Castelletto pompa <i>Pump stool</i>	1
05	Ghiera <i>Ring nut</i>	1
06	Corpo pompa <i>Pump casing</i>	1
07/09/09A	Coperchio pompa con cestello <i>Pump cover with suction strainer</i>	1
10	Gomito mandata <i>Delivery elbow</i>	1
11A	Nipplo <i>Nipple</i>	1
12/13	Portagomma <i>Hose adaptor</i>	1
14/20	Albero completo <i>Complete shaft</i>	1
19	Deflettore <i>Baffle</i>	1
20D	Bussola albero <i>Shaft bushing</i>	1
21	Bussola pompa <i>Pump bushing</i>	1
22	Girante <i>Impeller</i>	1
23	Rondella girante <i>Impeller washer</i>	1
24	Dado girante <i>Impeller nut</i>	1
25	O Ring <i>O Ring</i>	1
40	Tubo mandata <i>Delivery pipe</i>	1
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51	Serie Bulloneria/Rondelle <i>Nuts/Bolts/Washers Set</i>	1

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Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Coperchio - Girante <i>Cover - Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato - Al ₂ O ₃ - SiC <i>PTFE filled - Al₂O₃ - SiC</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*

AS50 - PP / PVC / PVDF - Length: 2000 - 3000 mm



- A - Flangia libera *Backing ring*
B - Portagomma *Hose adaptor (+)*
C - Filetto maschio *Male threaded*

() Solo per PP e PVC. Only for PP and PVC*

Codice Part-No.	Denominazione Designation	Qt.
00	Motore <i>Electric Motor</i>	1
01	Castelletto motore <i>Motor stool</i>	1
02	Flangia appoggio <i>Support plate</i>	1
02A/03	Guaina completa <i>Support column</i>	1
03A	Rinforzo guaina <i>Support column reinforcement</i>	1
03D	Rinforzo mandata <i>Delivery pipe reinforcement</i>	1
04	Castelletto pompa <i>Pump stool</i>	1
05	Ghiera <i>Ring nut</i>	1
06	Corpo pompa <i>Pump casing</i>	1
07/09/09A	Coperchio pompa con cestello <i>Pump cover with suction strainer</i>	1
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24	Dado girante <i>Impeller nut</i>	1
25	O Ring <i>O Ring</i>	1
40	Tubo mandata <i>Delivery pipe</i>	1
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OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Coperchio - Girante <i>Cover - Impeller</i>	PP - PVC - PVDF - PEHD
Bussolle di guida <i>Bushings</i>	PTFE caricato - Al_2O_3 - SiC <i>PTFE filled - Al_2O_3 - SiC</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>
Rinforzi <i>Reinforcements</i>	PRFV