

	Specifica pompa - <i>Pump data sheet</i>	SPC_0022
	AS100D	

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 220 mm	Tubo guaina flangiata <i>Flanged column pipe</i>	Lunghezza pompa (quota G) <i>Pump lenght (G dimension)</i>	1000 ÷ 3000 mm
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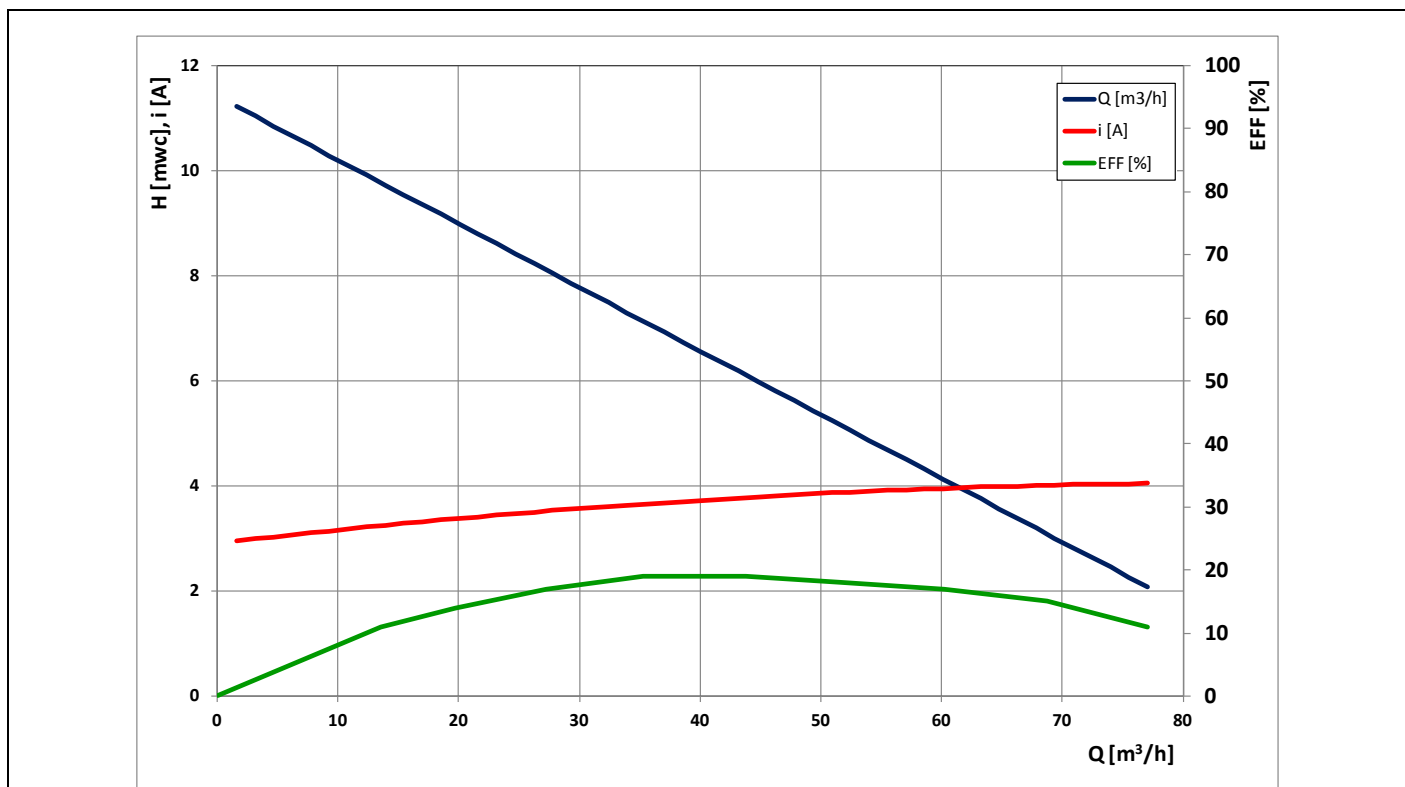
Bocchelli aspirazione/mandata <i>Suction/discharge connections</i>			Peso <i>weight</i>	netto <i>net</i>	70 ÷ 125 kg
	Flangia libera – <i>Backing ring</i>	DN100		lordo <i>gross</i>	kg
			Dimensioni - <i>dimensions</i>		mm

Motore elettrico trifase CVE <i>Three-phases electric motor TEFC</i>	4 kW – 1450 rpm – IP55 – F/B Insulation class - 400 Volt 50 Hz 8.03 A
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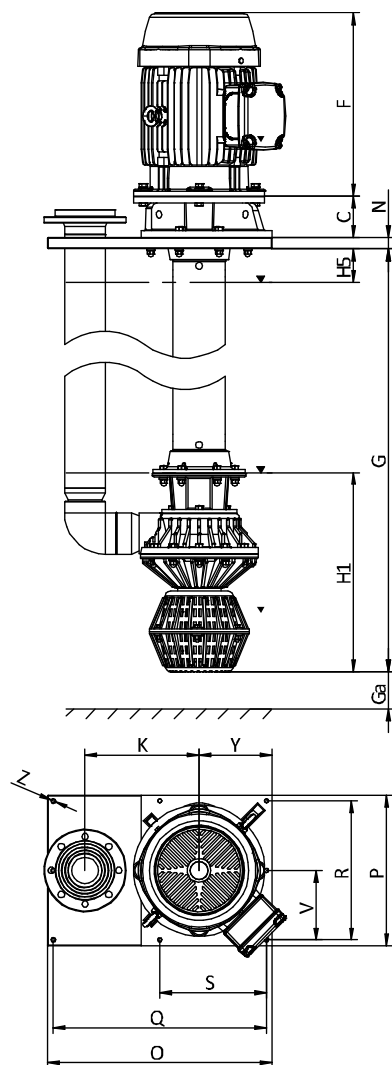
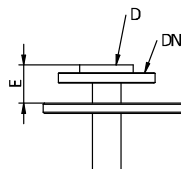
Tabella prestazioni - *Performance table*

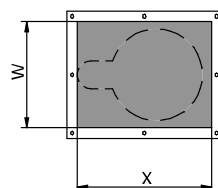
No	Assorbimento – <i>absortion</i>			portata- <i>delivery</i>		Prevalenza - <i>head</i>	eff.	4 kW	5,5 kW	dB(A)
	V	A	kW	l/min	m³/h	m w.c.	%	SG kg/m³ max	SG kg/m³ max	
1	400	6.3	4.0	1226	73.6	2.5	11	1200	1700	≤ 85
2		6.3	4.0	1157	69.4	3	14	1250	1700	
3		6.2	3.9	882	52.9	5	18	1300	1750	
4		5.9	3.7	607	36.4	7	19	1300	1800	
5		5.6	3.4	332	19.9	9	14	1400	1900	
6		5.4	3.1	126	7.5	10.5	9	1450	2000	
7		5.2	2.9	0	0	11.0	0	1500	2000	
8										

Curva – *Curve*



AS100 – PP / PVC / PVDF – Length: 800 - 1950 mm


Attacchi – *Connections*

Flangia libera
Backing ring

Foro montaggio – *Assembly opening*


- 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

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
4	4	112M	335	44
11	2	160M	490	115
15	2	160M	490	119

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
110	800	1950	100	530	100	305	30	195	48.4

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
600	400	570	370	285	185	10.5

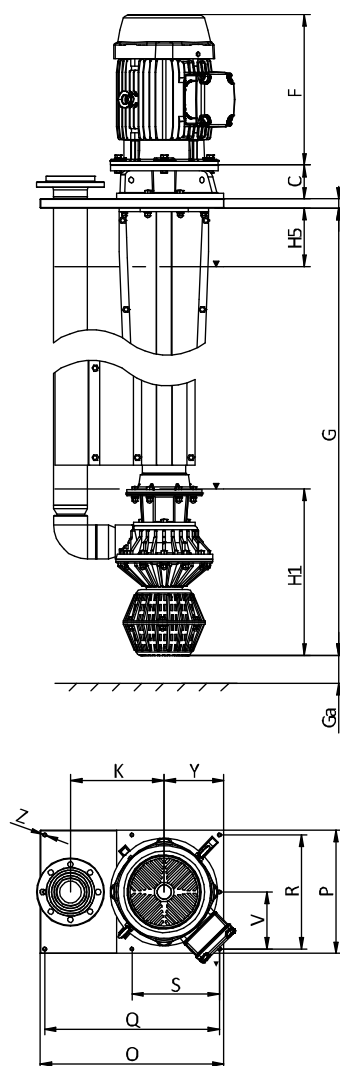
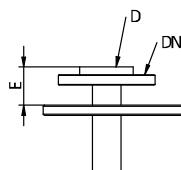
Attacchi – *Connections*

		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	74	110	100
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	74	110	4"
Portagomma – Hose adaptor	ISO 228/1	-	-	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	-	-	-

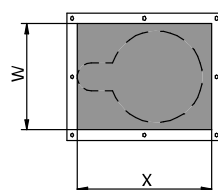
Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
305	-	-	320	520	195

AS100 – PP / PVC / PVDF – Length: 2000 - 3000 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Foro montaggio – *Assembly opening*


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Minimum clearance from bottom vessel
- G_{max}** Lunghezza massima della pompa (G)
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Minimum pump length (G)
- H1** Sommergenza minima
Minimum submergence
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*Dimensioni e pesi suscettibili di variazione

*Dimensions and weights subject to variations

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
4	4	112M	335	44
11	2	160M	490	115
15	2	160M	490	119

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
110	2000	3000	100	530	200	305	30	195	78.9

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
600	400	570	370	285	185	10.5

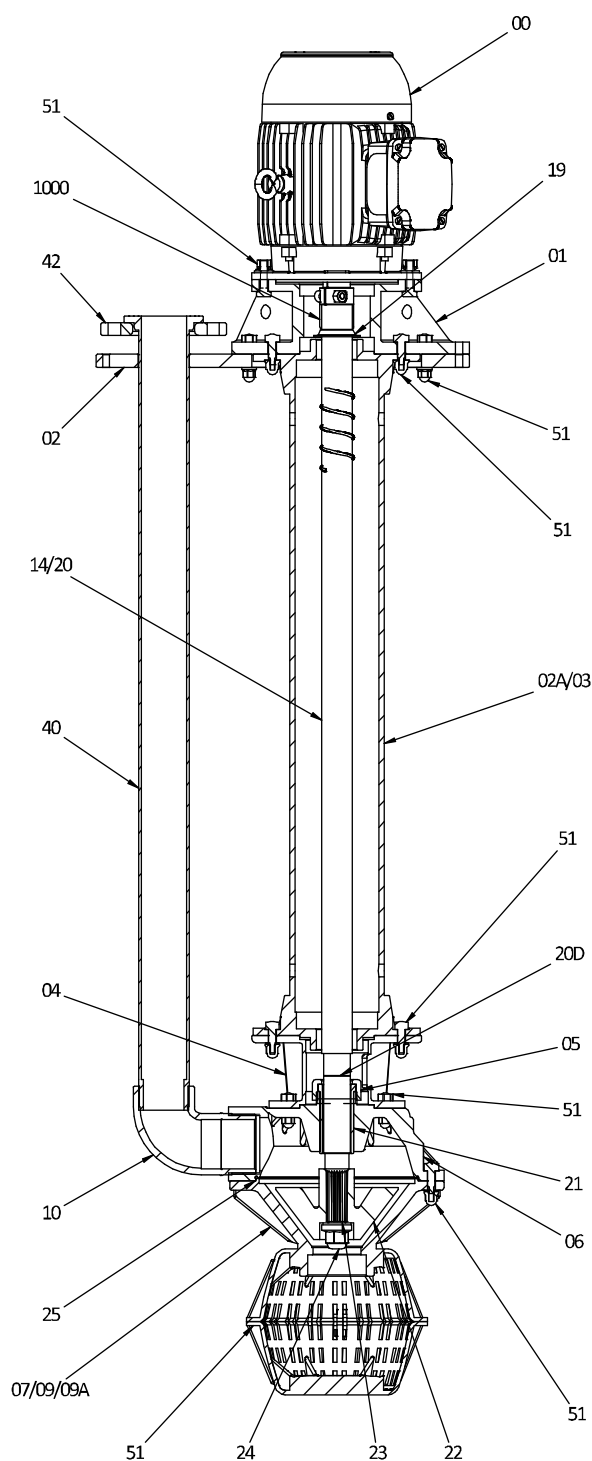
Attacchi – *Connections*

		E	D	DN
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Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	74	110	4"
Portagomma – Hose adaptor	ISO 228/1	-	-	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	-	-	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
305	-	-	320	520	195

AS100 – PP / PVC / PVDF – Length: 800 - 1950 mm



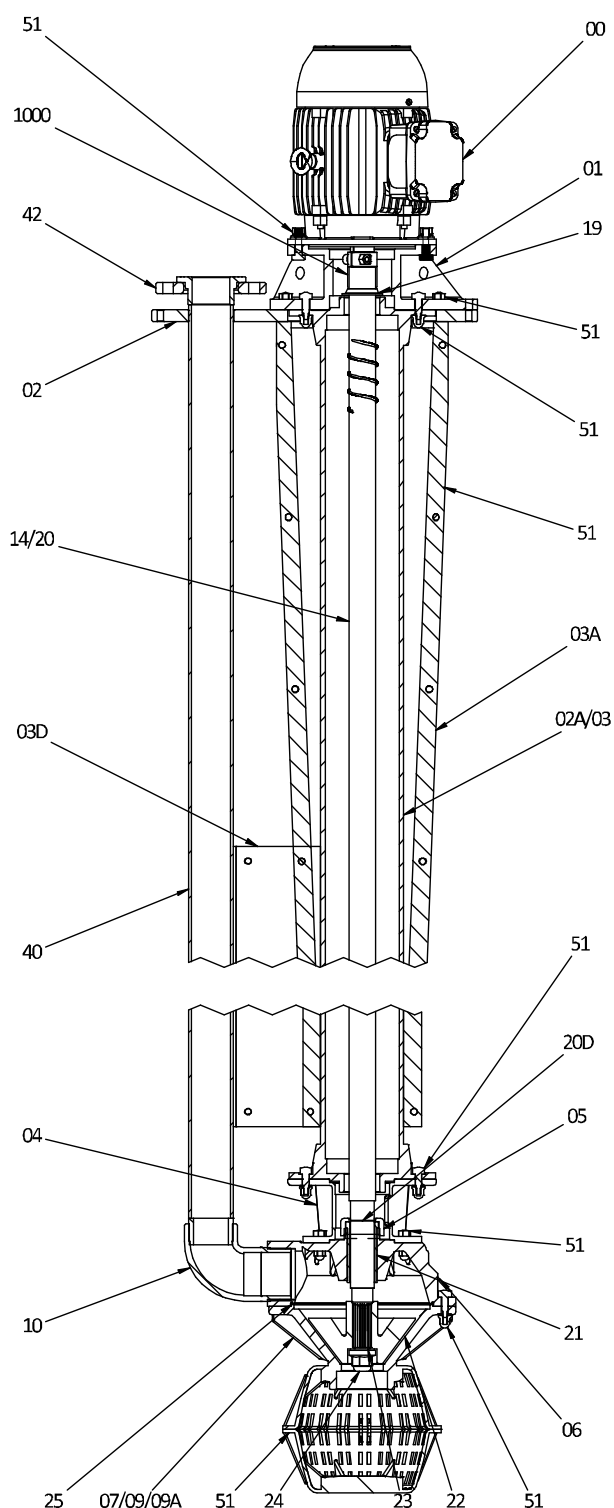
Flangia libera Backing ring

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

OPZIONI MATERIALI – MATERIAL OPTIONS

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

AS100 – PP / PVC / PVDF – Length: 2000 - 3000 mm



Flangia libera Backing ring

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

OPZIONI MATERIALI – MATERIAL OPTIONS

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