

AS100A/N

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
Pompe centrifuge verticale, immergée, à un étage, arbre guidé par douilles lubrifiées par le liquide en pompage

Girante sospesa aperta <i>Open overhung impeller</i> <i>Roue ouverte en porte-à-faux</i>	Ø 220 mm	Tubo guaina flangiata <i>Flanged column pipe</i> <i>Tube intermédiaire avec bride</i>	Lunghezza pompa (quota G) <i>Pump lenght (G dimension)</i> <i>Longueur</i>	mm
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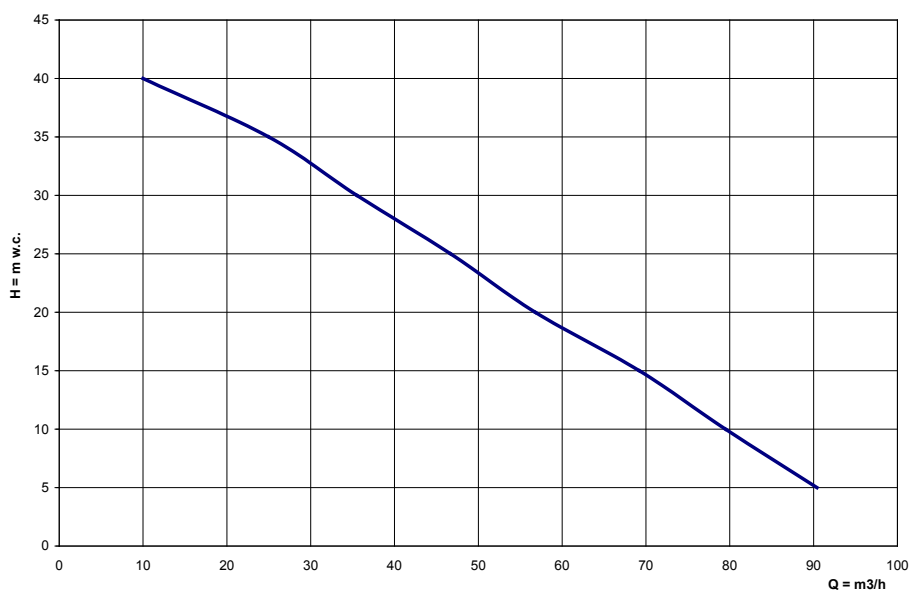
Bocchelli aspirazione/mandata Nozzles suction/discharge Brides aspiration/refoulement			Peso weight poids	netto <i>net</i>	<i>Kg</i>
	Flangia libera – <i>Backing ring – Bride libre</i>	DN 100		lordo <i>gross</i>	<i>Kg</i>
			Dimensioni - <i>dimensions</i>		<i>mm</i>

Motore elettrico trifase CVE <i>Three-phases electric motor TEFC</i> <i>Moteur électrique triphasés FVE</i>	2800 rpm - IP55 - F/B Insulation class - Volt 400/690 - Hz 50 - A 24,5
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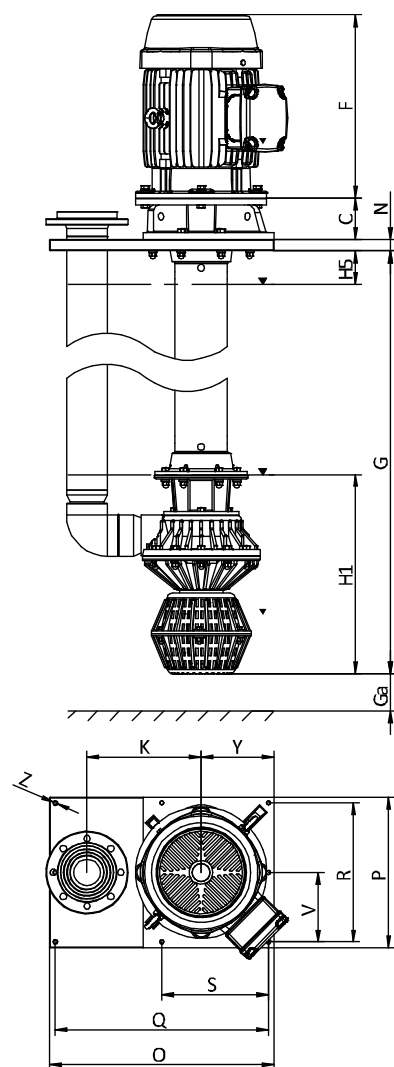
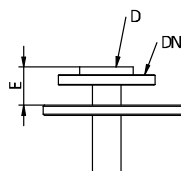
Tabella prestazioni - Performances table - Données

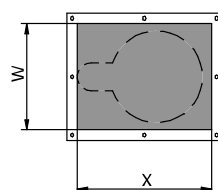
No	current	pot. ass.-ads. power - <i>puiss.abs.</i>				portata-delivery-débit		head	eff.	Power @ SG kg/m³		
	V	A	kW	HP	l/min	m³/h	m w.c.	%		11 kW	15kW	dB(A)
1	400	19.1	10.0	13.3	1500	90.0	5	13		1100	1400	≤ 75
2		18.9	9.9	13.2	1325	79.5	10	20		1100	1400	
3		18.8	9.8	13.1	1165	70.0	15	28		1100	1450	
4		18.0	9.4	12.6	945	56.7	20	32		1150	1550	
5		17.3	9.0	12.1	775	46.5	25	34		1210	1600	
6		15.9	8.3	11.1	590	35.4	30	33		1320	1800	
7		14.0	6.9	9.8	415	24.9	35	29		1500	1850	
8		11.9	6.2	8.3	0	0	43	0		1760	1900	
9												

Curva – Curve - Curbe



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

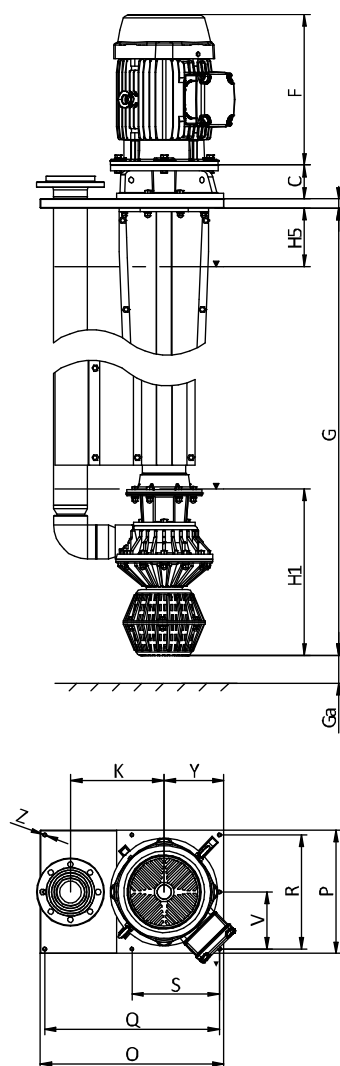
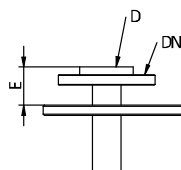
Attacchi – *Connections*

		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	-	-	-

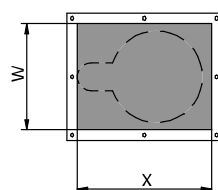
Foro di montaggio – *Assembly opening*

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*

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
Flangia libera – <i>Backing ring</i>	74	110	100
Flangia libera – <i>Backing ring</i>	74	110	4"
Portagomma – <i>Hose adaptor</i>	-	-	-
Filetto maschio – <i>Male threaded</i>	-	-	-

Foro di montaggio – *Assembly opening*

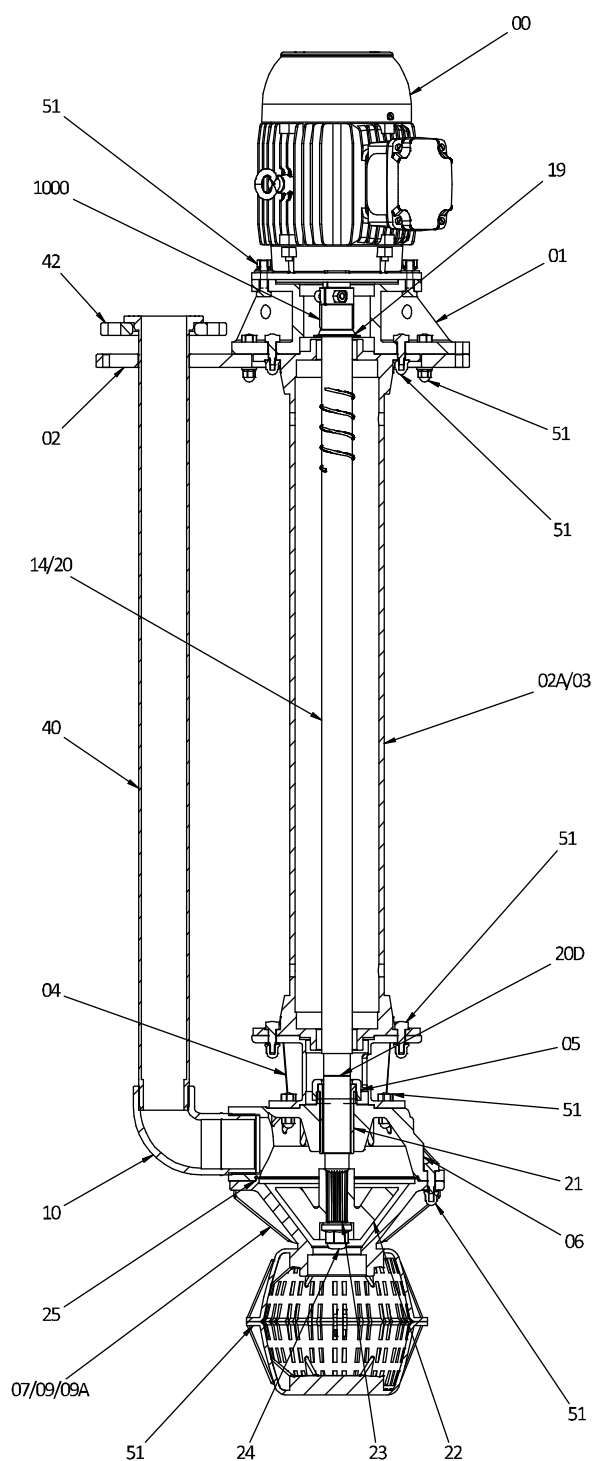
K	R1	R2	W	X	Y
305	-	-	320	520	195

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)
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H1 Sommergenza minima
Minimum submergence
H5 Livello massimo
Maximum level

*Dimensioni e pesi suscettibili di variazione

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



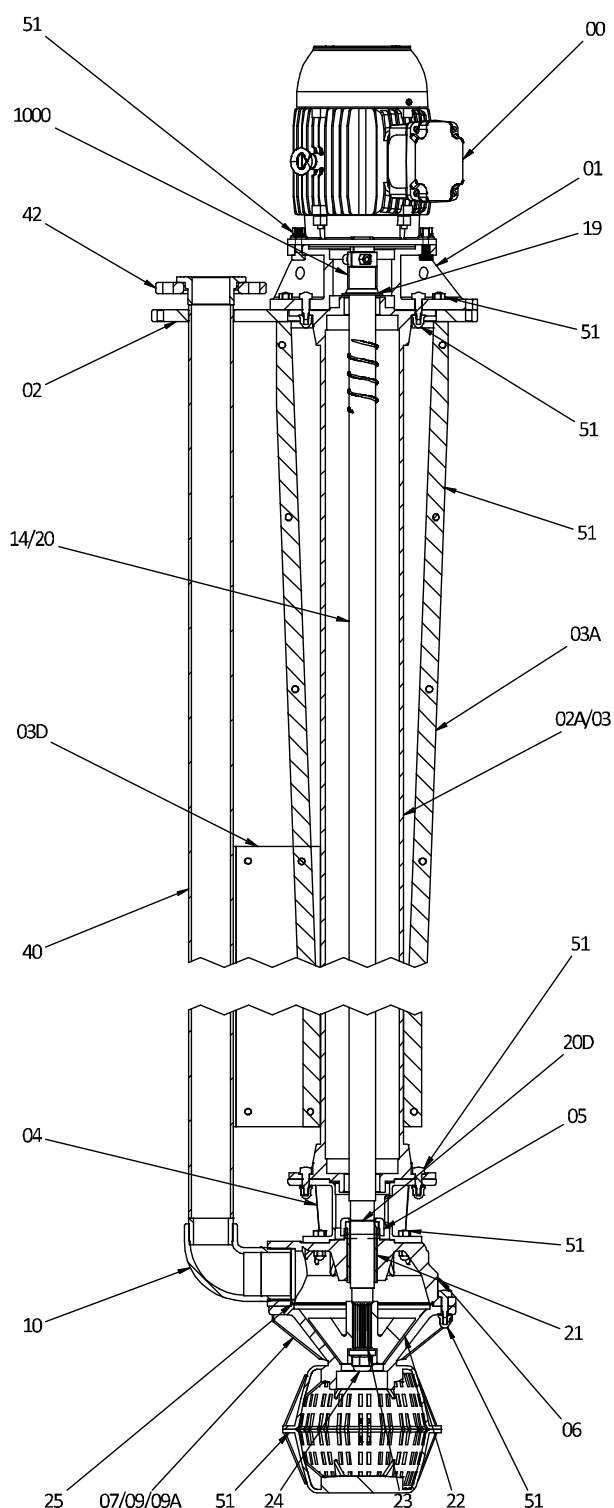
Flangia libera Backing ring

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
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OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina Pump casing - Support	PP - PVC - PVDF
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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