

AS80A/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 210 mm	Tubo guaina flangiata <i>Flanged column pipe</i> <i>Tube intermédiaire avec bride</i>	Lunghezza pompa (quota G) <i>Pump length (G dimension)</i> <i>Longueur</i>	mm
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Bocchelli aspirazione/mandata <i>Nozzles suction/discharge</i> <i>Brides aspiration/refoulement</i>	Flangia libera – Backing ring – Bride libre		DN 80	Peso <i>weight</i> <i>poids</i>	netto net	Kg 26 ÷ 90
					lordo gross	Kg
				Dimensioni - dimensions		mm

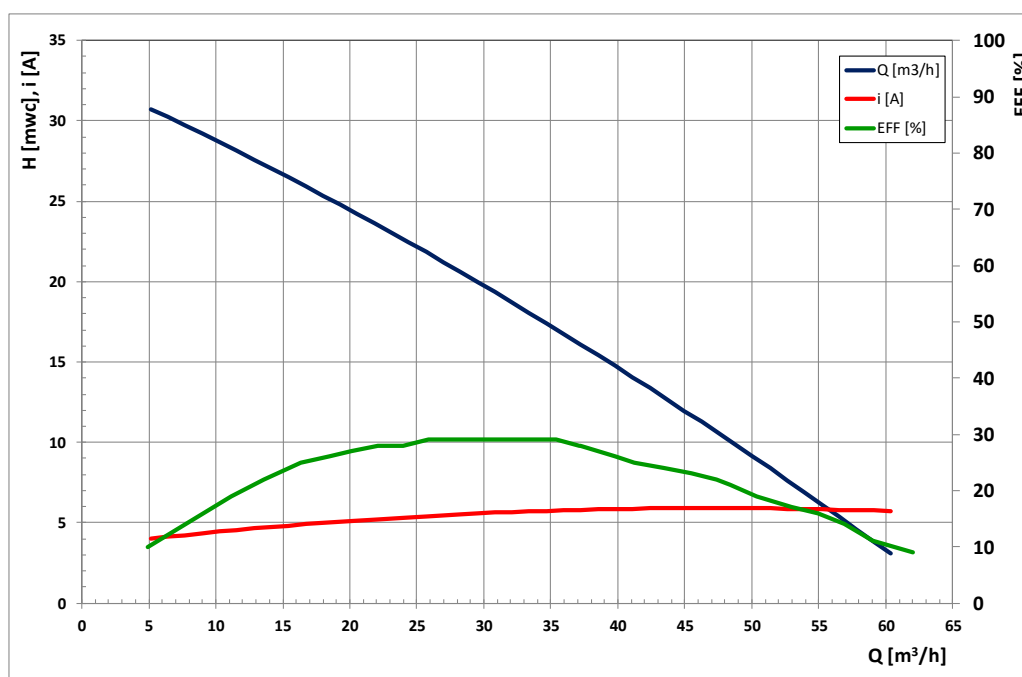
Motore elettrico trifase CVE
Three-phases electric motor TEFC
Moteur électrique triphasés FVE

2800 rpm - IP55 - F/B Insulation class - Volt 400/420 - 230/240 Hz 50 - A12

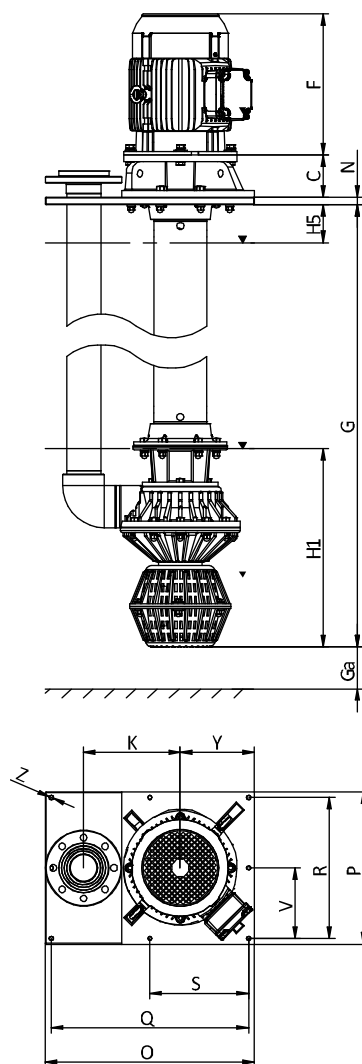
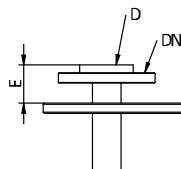
Tabella prestazioni - Performances table - Données

No	current	pot. ass.-ads. power - puiss.abs.			portata-delivery-débit		head	eff.	kW 5.5		kW 7.5	
	V	A	kW	HP	l/min	m³/h	m w.c.	%	SG kg/m³ max	SG kg/m³ max	SG kg/m³ max	SG kg/m³ max
1	400	9.9	5.9		1008	60.5	3	10	1050	1450		
2		9.9	5.9		896	53.8	7	17	1050	1450		
3		9.9	5.9		779	46.7	11	23	1050	1450		
4		9.9	5.8		656	39.3	15	27	1050	1450		
5		9.5	5.6		525	31.5	19	29	1100	1500		
6		9.0	5.3		386	23.2	23	28	1150	1550		
7		8.2	4.7		237	14.2	27	25	1250	1700		
8		6.5	3.5		0	0	31	0	1600	1900		
9												

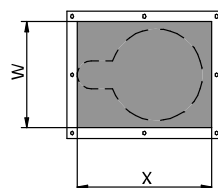
Curva – Curve - Curbe



AS80 – PP / PVC / PVDF – Length: 800 - 1950 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Foro montaggio – *Assembly opening*


- G_a** 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*
2.2	4	100L	315	31.5
5.5	2	132S	370	65
7.5	2	132S	370	69
9.2	2	132M	405	78
11	2	160M	490	115
15	2	160M	490	119

Pompa – *Pump*

IEC Frame	C	G _{min}	G _{max}	G _a	H1	H5	K	N	Y	kg* (PP)
100L/132S/132M	110	800	1950	100	530	100	255	20	195	41.7
160M	110	800	1950	100	530	100	305	30	195	48.4

Flangia d'appoggio – *Mounting plate*

IEC Frame	O	P	Q	R	S	V	ØZ
100L/132S/132M	550	400	520	370	260	185	10.5
160M	600	400	570	370	285	185	10.5

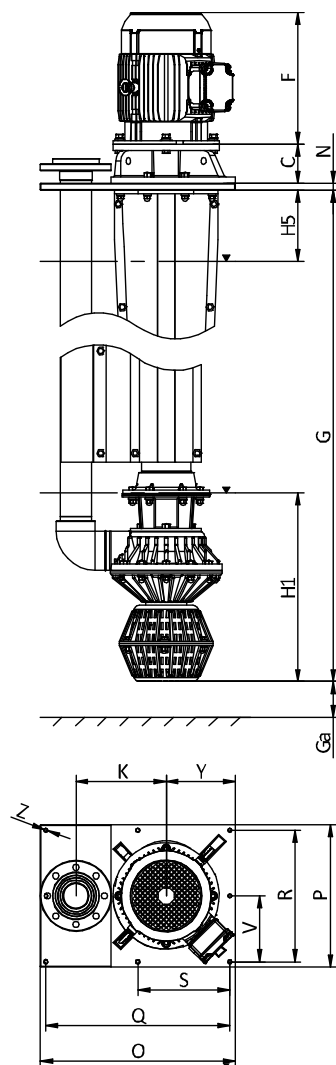
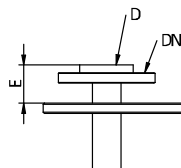
Attacchi – *Connections*

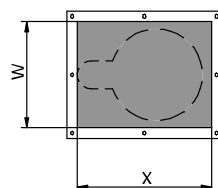
		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	70	90	80
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	70	90	3"
Portagomma – Hose adaptor	ISO 228/1	-	-	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	-	-	-

Foro di montaggio – *Assembly opening*

IEC Frame	K	R1	R2	W	X	Y
100L/132M/132S	255	-	-	320	470	195
160M	305	-	-	320	520	195

AS80 – PP / PVC / PVDF – Length: 2000 - 3000 mm


Attacchi – *Connections*

Flangia libera
Backing ring

Foro montaggio – *Assembly opening*


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Minimum submergence
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Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
2.2	4	100L	315	31.5
5.5	2	132S	370	65
7.5	2	132S	370	69
9.2	2	132M	405	78
11	2	160M	490	115
15	2	160M	490	119

Pompa – *Pump*

IEC Frame	C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
100L/132S/132M	110	2000	3000	100	530	200	255	20	195	69.5
160M	110	2000	3000	100	530	200	305	30	195	78.9

Flangia d'appoggio – *Mounting plate*

IEC Frame	O	P	Q	R	S	V	ØZ
100L/132S/132M	550	400	520	370	260	185	10.5
160M	600	400	570	370	285	185	10.5

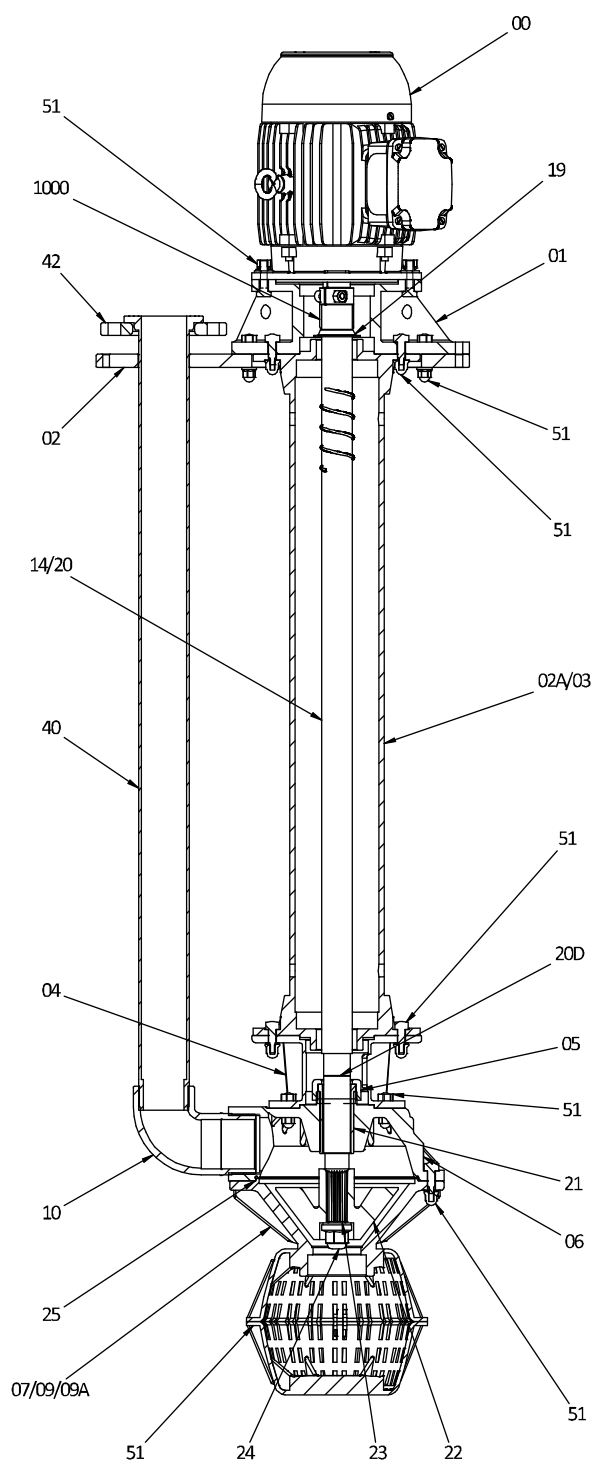
Attacchi – *Connections*

		E	D	DN
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Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	70	90	3"
Portagomma – Hose adaptor	ISO 228/1	-	-	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	-	-	-

Foro di montaggio – *Assembly opening*

IEC Frame	K	R1	R2	W	X	Y
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160M	305	-	-	320	520	195

AS80 – PP / PVC / PVDF – Length: 800 - 1950 mm



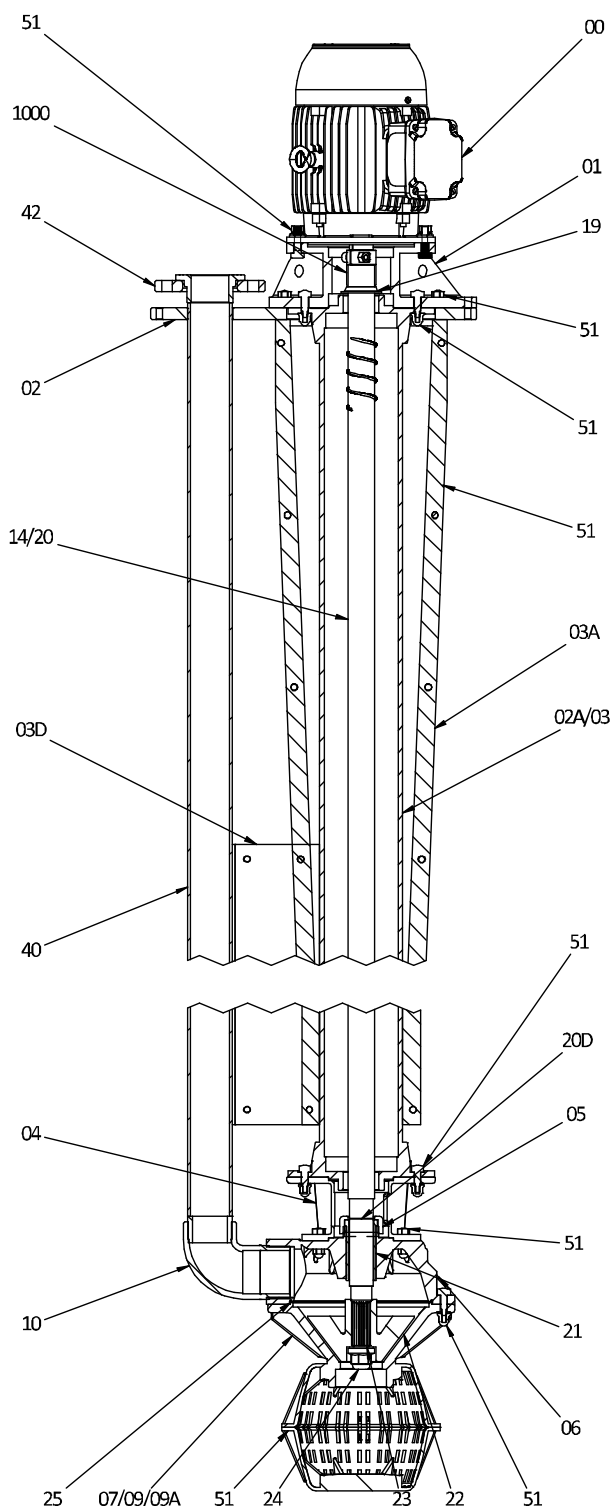
Flangia libera Backing ring

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

AS80 – 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