

AS80B/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 217 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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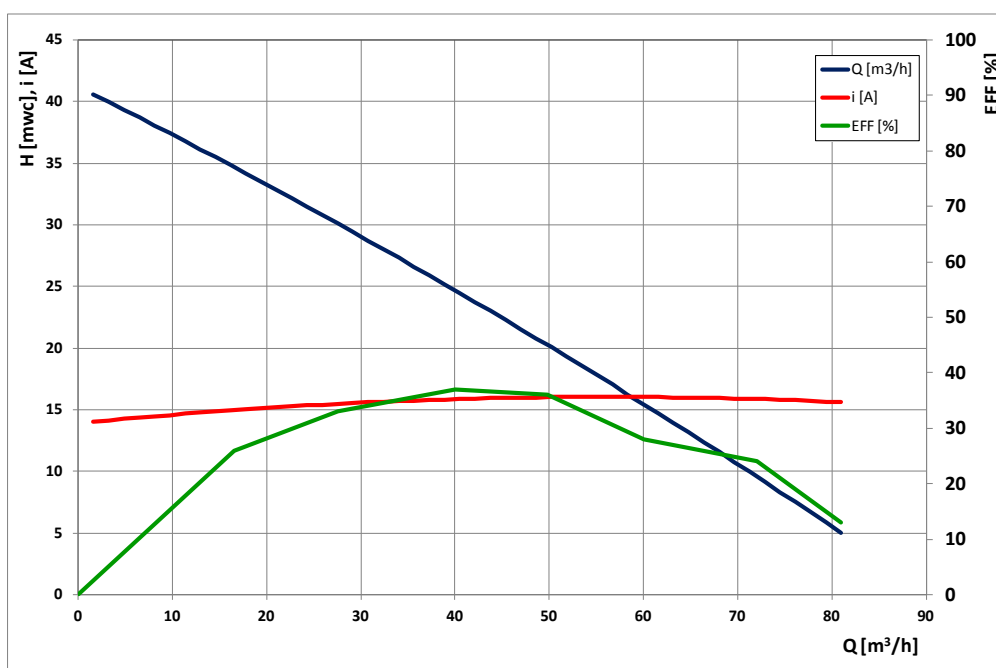
Bocchelli aspirazione/mandata <i>Nozzles suction/discharge</i> <i>Brides aspiration/refoulement</i>	Flangia libera – <i>Backing ring – Bride libre</i>	DN 80	Peso <i>weight</i> <i>poids</i>	netto <i>net</i>	Kg 26 ÷ 90
				lordo <i>gross</i>	Kg
			Dimensioni - <i>dimensions</i>		mm

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 400/420 - 230/240 Hz 50
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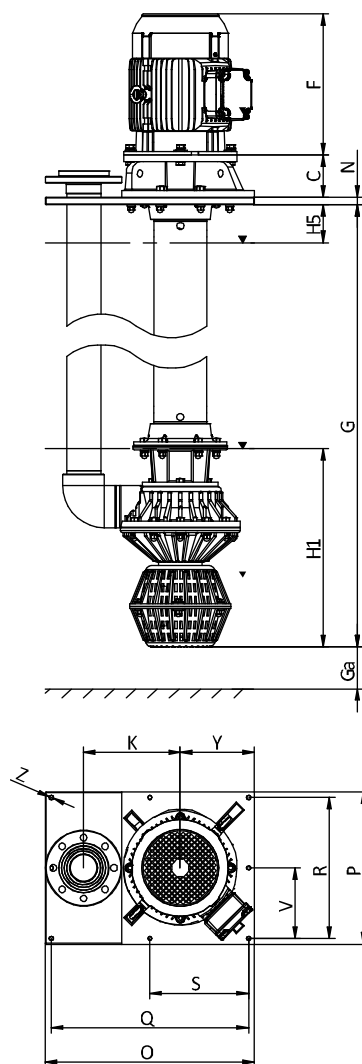
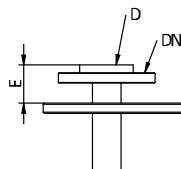
Tabella prestazioni - Performances table - Données

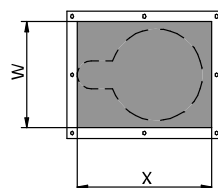
No	current	pot. ass.-ads. power - <i>puiss.abs.</i>				portata-delivery-débit		head	eff.	kW 9.2	kW 11	dB(A)
	V	A	kW	HP	l/min	m³/h	m w.c.	%		SG kg/m³ max	SG kg/m³ max	
1	400	16.3	8.9	11.9	1350	81.0	5	13		1000	1200	≤ 75
2		16.0	8.7	11.7	1200	72.0	10	24		1000	1200	
3		17.7	8.6	11.5	1000	60.0	15	28		1050	1200	
4		15.2	8.3	11.1	830	49.8	20	36		1100	1300	
5		14.7	8.0	10.7	680	40.0	25	37		1100	1500	
6		13.5	7.3	9.9	460	27.6	30	33		1200	1600	
7		12.1	6.6	8.8	275	16.5	35	26		1350	1750	
8		11.3	6.1	8.2	0	0	41	0		1400	2000	

Curva – Curve - Curbe



AS80 – 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*
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	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

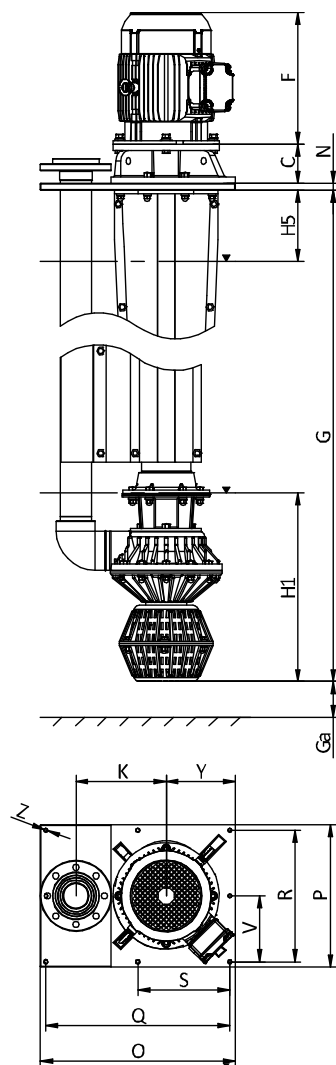
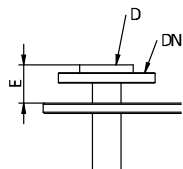
Attacchi – *Connections*

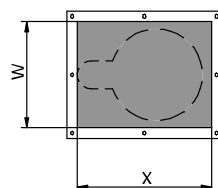
		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	70	90	80
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	70	90	3"
Portagomma – Hose adaptor	ISO 228/1	-	-	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	-	-	-

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 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}	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

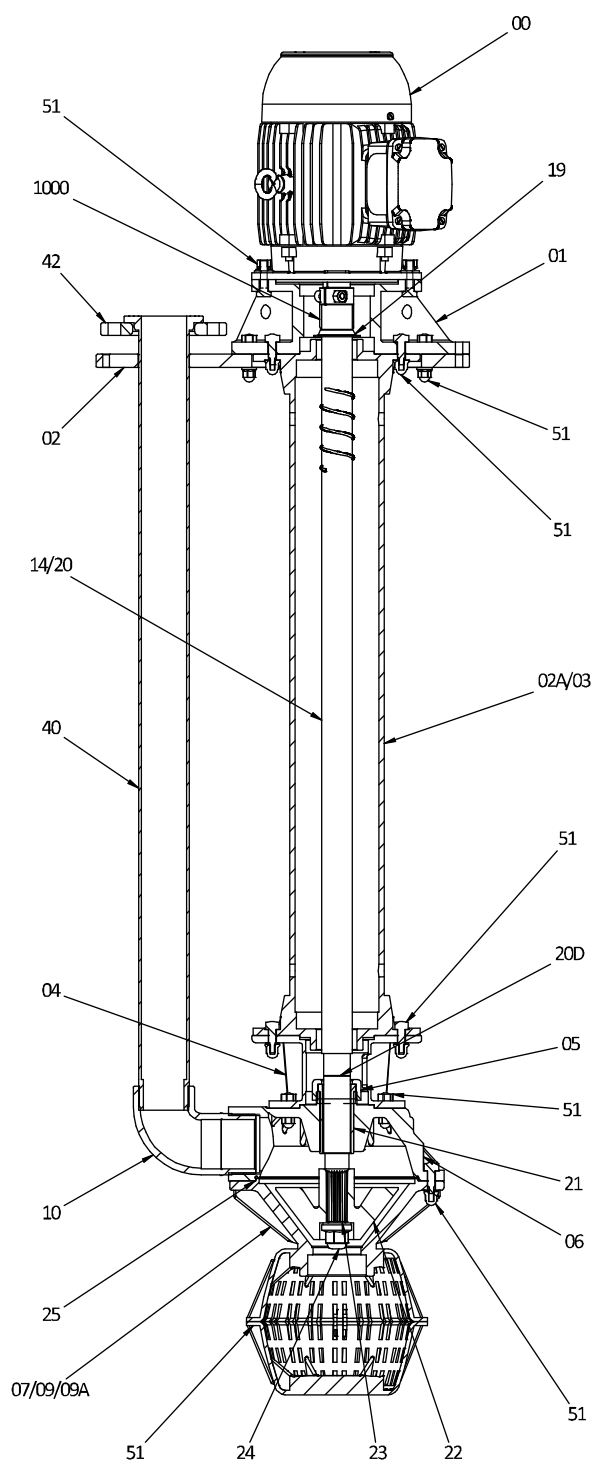
Attacchi – *Connections*

		E	D	DN
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/132S/132M	255	-	-	320	470	195
160M	305	-	-	320	520	195

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



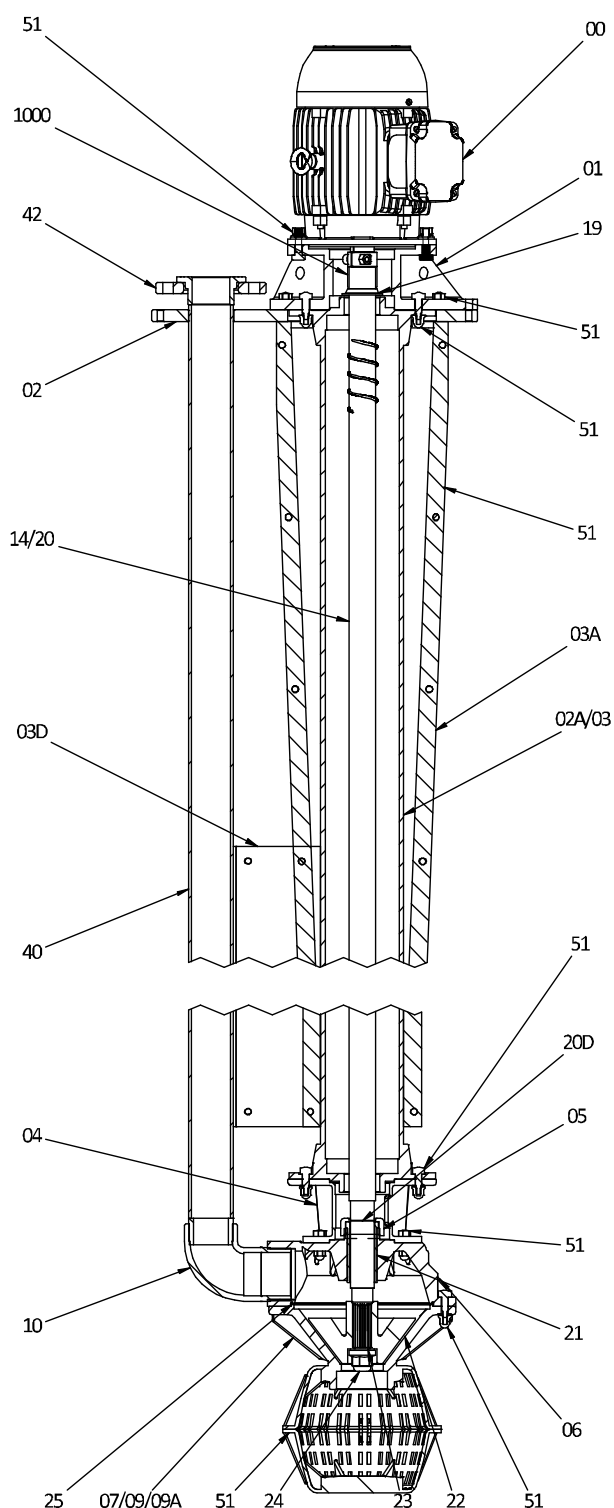
Flangia libera Backing ring

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

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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