

GP80E

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 piana <i>Open overhung impeller</i> <i>Roue ouverte en porte-à-faux</i>	Ø 190 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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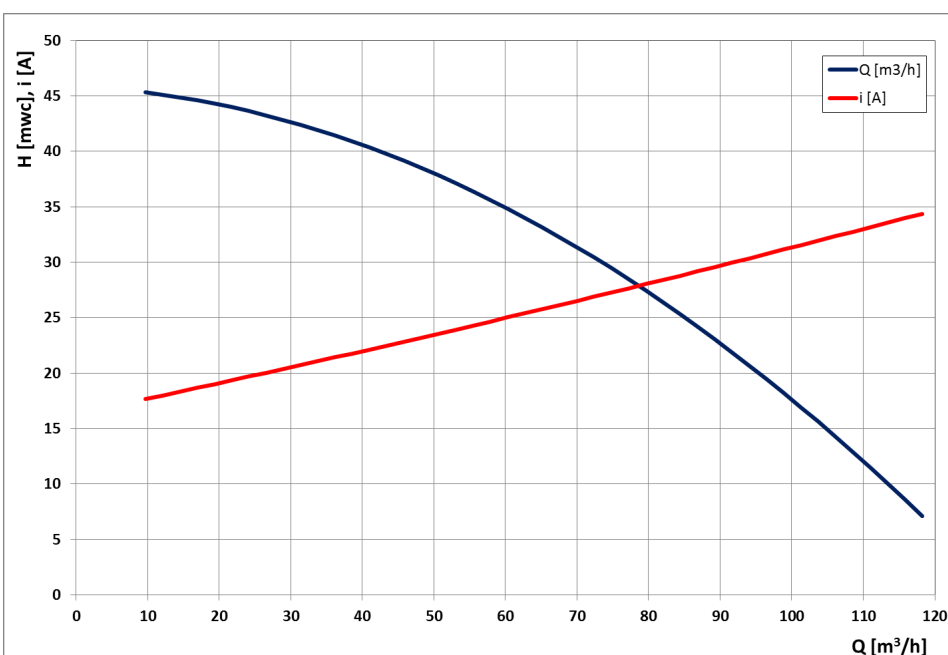
Bocchelli aspirazione/mandata <i>Nozzles suction/discharge</i> <i>Brides aspiration/refoulement</i>			Peso <i>weight</i> <i>poids</i>	netto <i>net</i>	Kg
	Flangia libera – <i>Backing ring – Bride libre</i> DN100/DN80			lordo <i>gross</i>	Kg
			Dimensioni - <i>dimensions</i>		mm

Motore elettrico trifase CVE <i>Three-phases electric motor TEFC</i> <i>Moteur électrique triphasés FVE</i>	kW 18.5 – 2800 rpm - IP55 - F/B Insulation class - Volt 400/660 - Hz 50 - A 35,5
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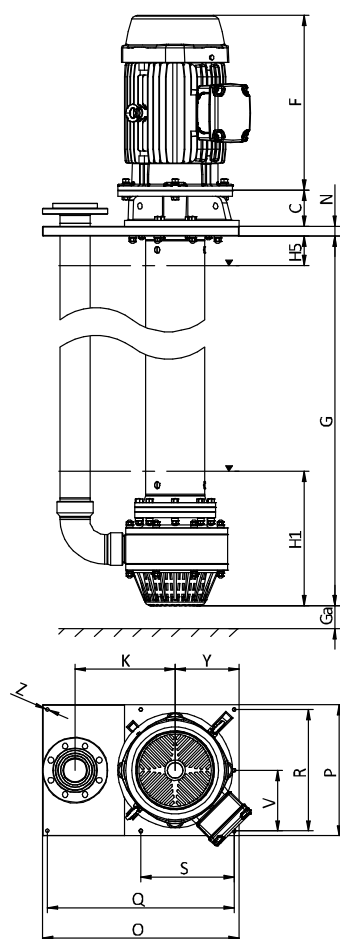
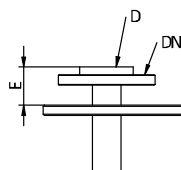
Caratteristiche di funzionamento - Performance data - Données

	current	Assorbimento – <i>Absorption</i>		50 Hz		Max density	dB(A)
		i	Power	portata-delivery	Prevalenza – <i>head</i>		
No	V	A	kW.	m³/h	l/min	m.w.c.	Kg/m³
1	400	33.5		113	1883	10	1000
2		32.1		105	1750	15	1050
3		30.5		95	1583	20	1100
4		28.9		85	1417	25	1150
5		27.0		73	1217	30	1250
6		25.0		60	1000	35	1350
7		22.3		42	700	40	1500
8		18.1		13	217	45	1850
9		16.3		0	0	46	2000

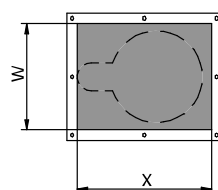
Curva – Curve – Curbe



GP80A GP80B GP80E - PP - Length: 750 - 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*
15	2	160M	500	117
18.5	2	160L	550	133
22	2	180M	560	169

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg*
110	750	1950	100	430	100	305	30	195	

Flangia d'appoggio – *Mounting plate*

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

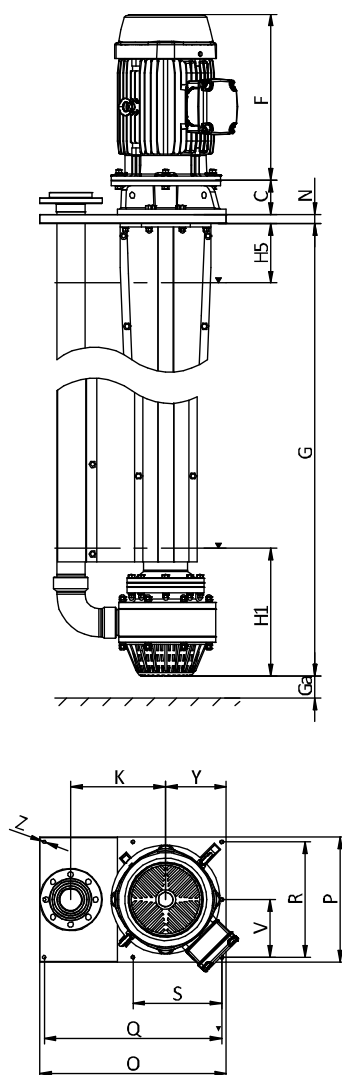
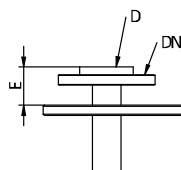
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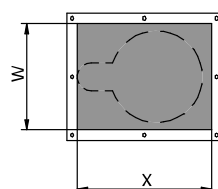
		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	70	90	80
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	70	90	3"
Portagomma – <i>Hose adaptor</i>	ISO 228/1	-	-	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	-	-	-

Foro di montaggio – *Assembly opening*

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

GP80A GP80B GP80E - PP - Length: 2000 - 3000 mm


Attacchi – *Connections*

Flangia libera
Backing ring

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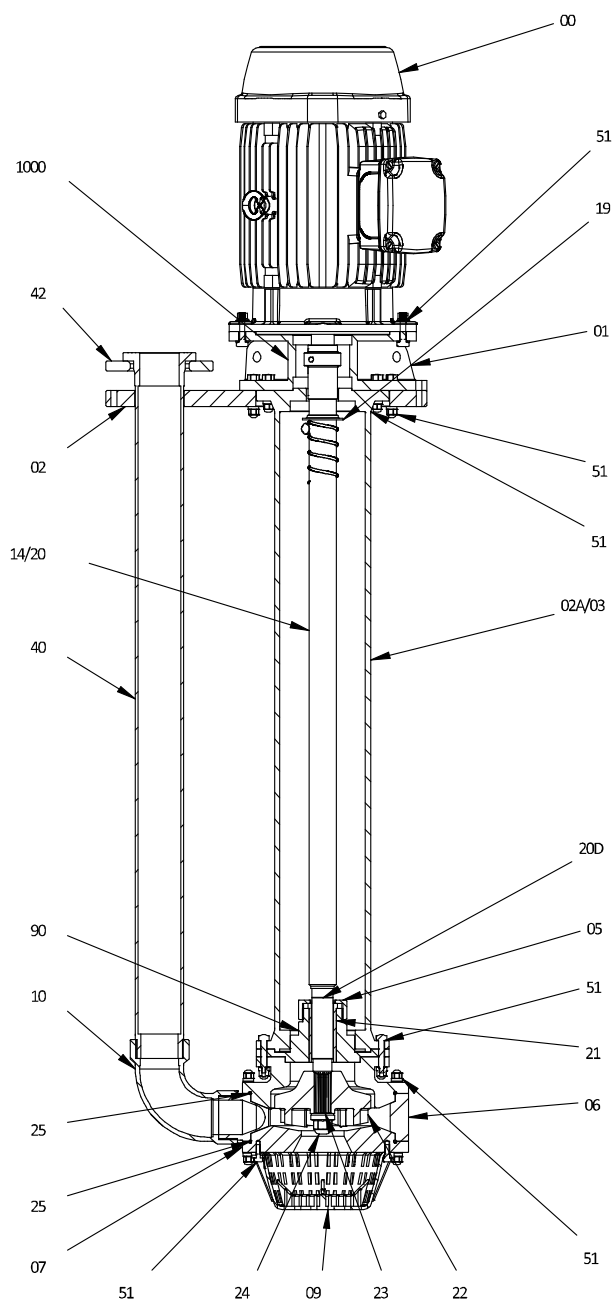
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GP80A GP80B GP80E - PP - Length: 750 – 1950 mm



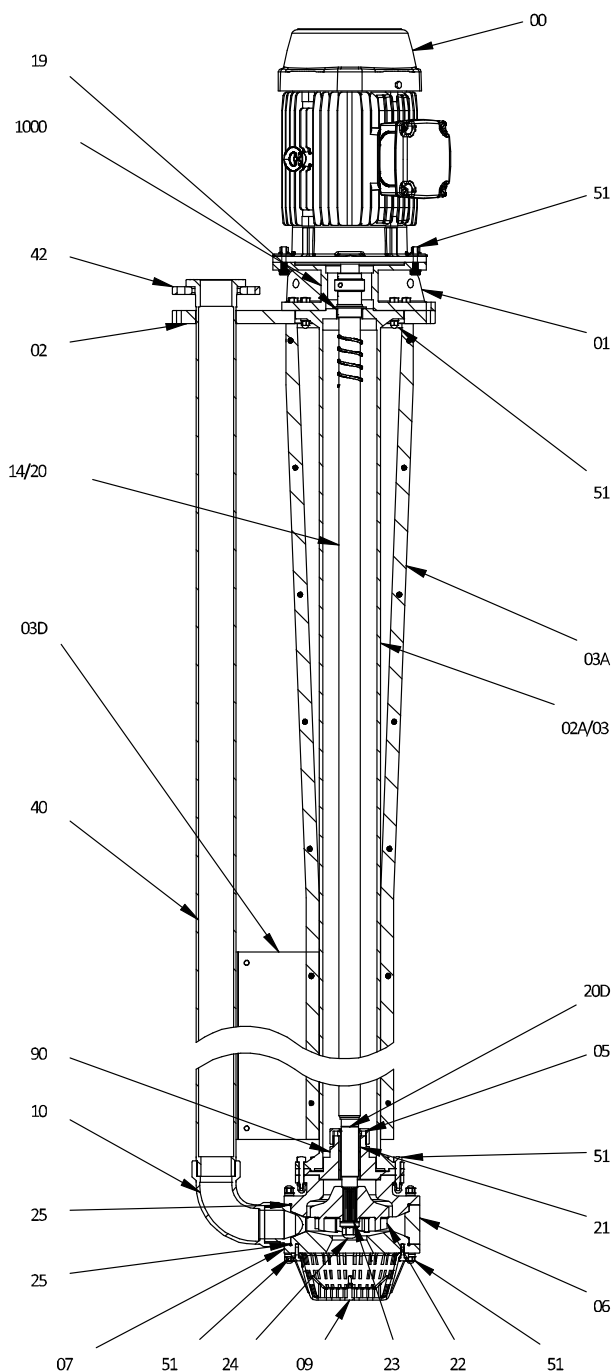
Flangia libera Backing ring

Codice Part-No.	Denominazione Designation	Materiali Materials	Qt.
00	Motore Electric Motor	-	1
01	Castelletto motore Motor stool	Al	1
02	Flangia appoggio Support plate	PVC	1
02A/03	Guaina completa Support column	PP	1
05	Ghiera Ring nut	PP	1
06	Corpo pompa Pump casing	PP	1
07	Coperchio Pump cover	PP	1
09	Cestello Suction strainer	PP	1
10	Gomito mandata Delivery elbow	PP	1
14/20	Albero completo Complete shaft	SS/PP	1
19	Deflettore Baffle	EPDM	1
20D	Bussola albero Shaft bushing	PTFE filled	1
21 B C	Bussola pompa Pump bushing	CER SiC	1
22	Girante Impeller	PP	1
23	Rondella girante Impeller washer	PTFE	1**
24	Dado girante Impeller nut	BR/PP	1
25	O Ring O Ring	EPDM	2
40	Tubo mandata Delivery pipe	PP	1
42	Flangia libera Backing ring	PP/SS	1
51	Serie Bulloneria/Rondelle Nuts/Bolts/Washers Set	SS/BR/PP PTFE	1**
90	Sede bussola pompa Bushing pump seat	PP	1
1000	Riparo Guard	SS	1

** Tutte le rondelle in PTFE della bulloneria (51) e della girante (23) devono essere sostituite dopo ogni smontaggio.

** All the PTFE washers of bolts and nuts (51) and impeller (23) must be replaced after each disassembly.

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02A/03	Guaina completa Support column	PP	1
03A	Rinforzo guaina Support column reinforcement	PRFV	1
03D	Rinforzo mandata Delivery pipe reinforcement	PRFV/PP	1
05	Ghiera Ring nut	PP	1
06	Corpo pompa Pump casing	PP	1
07	Coperchio pompa Pump cover	PP	1
09	Cestello Suction strainer	PP	1
10	Gomito mandata Delivery elbow	PP	1
14/20	Albero completo Complete shaft	SS/PP	1
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