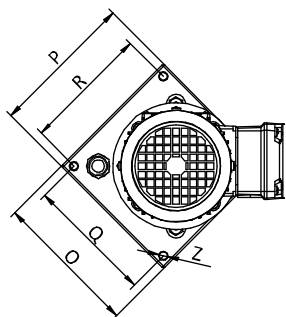
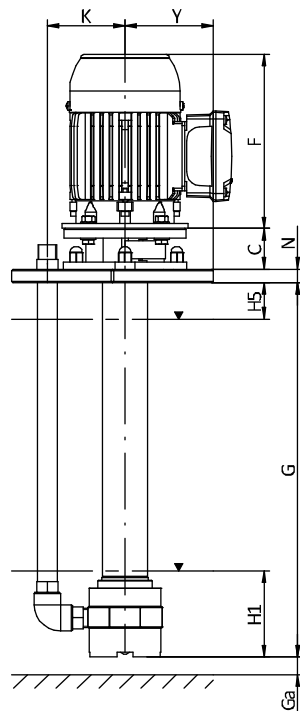
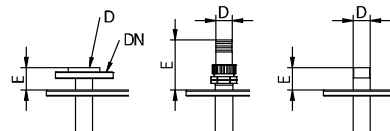


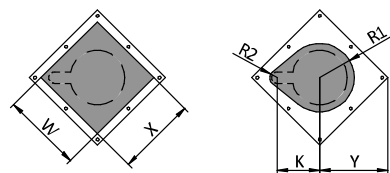
AS10 – PP / PVC / PVDF – Length: 200 - 1000 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ⁽⁺⁾
Hose adaptor ⁽⁺⁾

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Max

Min

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

⁽⁺⁾ Solo per PP. *Only for PP.*

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
0.18	2	63	195	7.2
0.25	2	63	195	7.2

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
45	200	1000	20	85	40	86	15	98	3

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
160	160	140	140	-	-	8.5

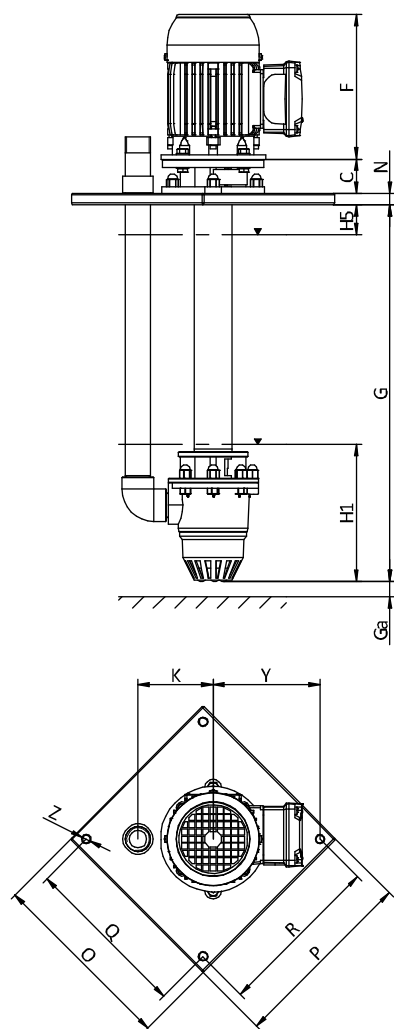
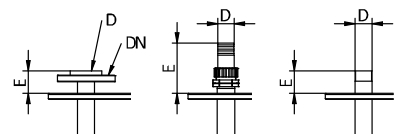
Attacchi – *Connections*

	E	D	DN
Flangia libera – Backing ring	275	20	15
Flangia libera – Backing ring	275	20	½"
Portagomma – Hose adaptor ⁽⁺⁾	80	20	-
Filetto maschio – Male threaded	27	G ½	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
86	90	30	125	125	97

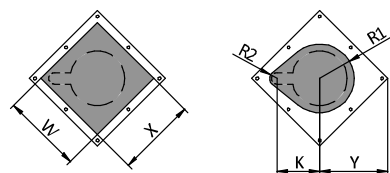
AS20 – PP / PVC / PVDF – Length: 250 - 1000 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ^(*)
Hose adaptor ^(*)

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Max

Min

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

^(*) Solo per PP. *Only for PP.*

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
0.25	2	63	195	7.2
0.37	2	71	220	7.5
0.55	2	71	220	8.5

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
45	250	1000	20	170	40	100	15	163	4

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
250	250	220	220	-	-	10.5

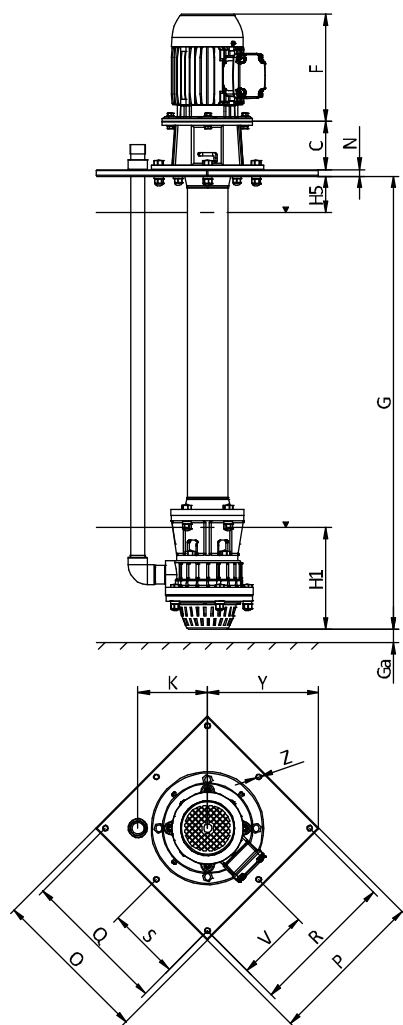
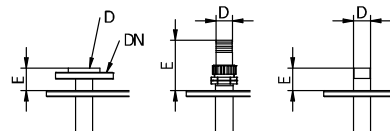
Attacchi – *Connections*

		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	275	25	20
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	275	25	¾"
Portagomma – Hose adaptor ^(*)	ISO 228/1	95	25	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	40	G 1	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
100	120	45	190	190	163

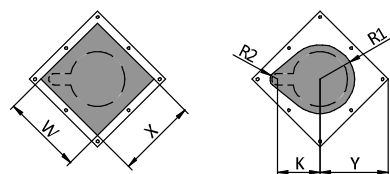
AS30 – PP / PVC / PVDF – Length: 320 - 1950 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ⁽⁺⁾
Hose adaptor ⁽⁺⁾

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Max

Min

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

⁽⁺⁾ Solo per PP. *Only for PP.*

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
0.55	2	71	220	8.5
0.75	2	80	235	13.5
1.1	2	80	235	15
1.5	2	90S	255	18.5

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
107	320	1950	30	225	80	154	15	247	11.4

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
350	350	320	320	160	160	10.5

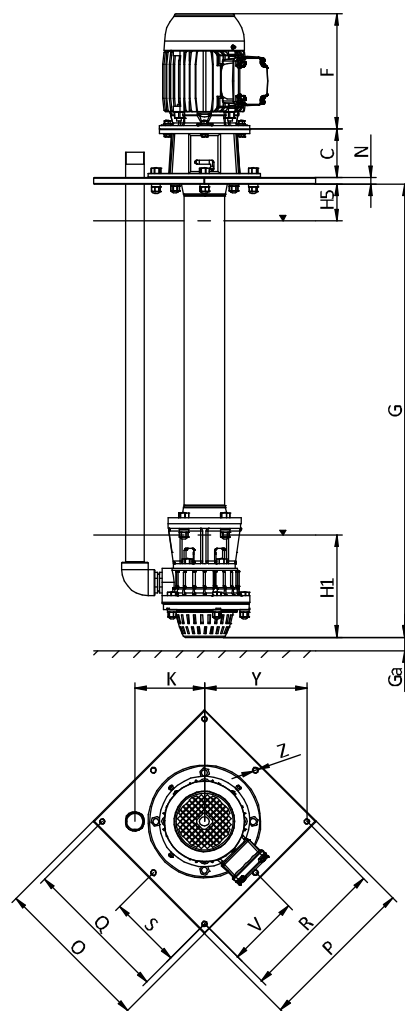
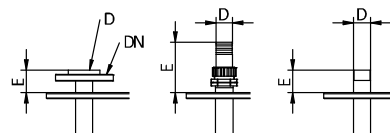
Attacchi – *Connections*

		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	55	32	25
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	55	32	1"
Portagomma – Hose adaptor ⁽⁺⁾	ISO 228/1	105	30	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	55	G 1	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
154	250	45	290	290	247

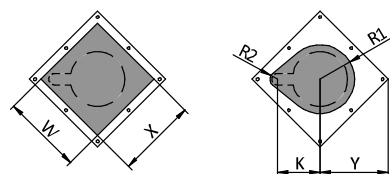
AS40 – PP / PVC / PVDF – Length: 320 - 1950 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ⁽⁺⁾
Hose adaptor ⁽⁺⁾

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Max

Min

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

⁽⁺⁾ Solo per PP. *Only for PP.*

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
0.37	4	71	220	9.5
1.5	2	90S	255	18.5
2.2	2	90L	280	23.5
3	2	100L	315	32

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
107	320	1950	30	225	80	154	15	247	12.1

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
350	350	320	320	160	160	10.5

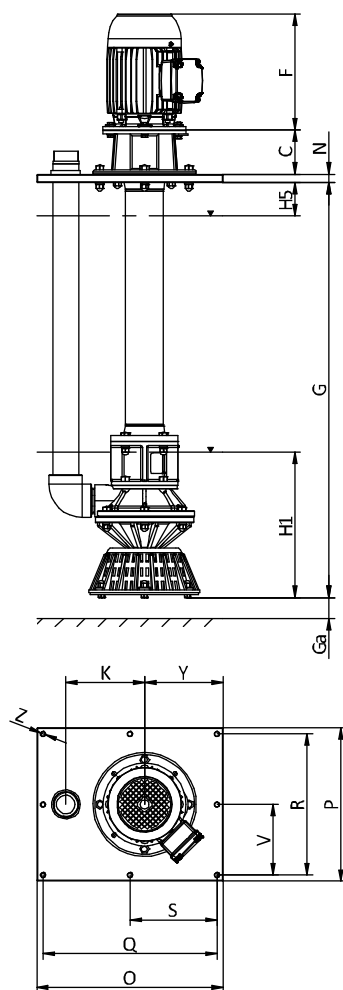
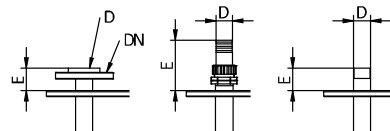
Attacchi – *Connections*

		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	55	40	32
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	55	40	1 ¼"
Portagomma – Hose adaptor ⁽⁺⁾	ISO 228/1	120	40	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	55	G 1 ¼	-

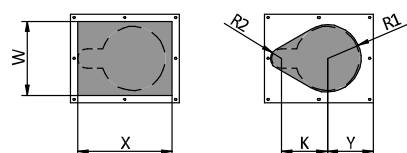
Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
154	250	60	290	290	247

AS50 – PP / PVC / PVDF – Length: 465 - 1550 mm


Attacchi – *Connections*


Flangia libera Portagomma ⁽⁺⁾ Filetto maschio
Backing ring Hose adaptor ⁽⁺⁾ Male threaded

Foro montaggio – *Assembly opening*


Max

Min

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

⁽⁺⁾ Solo per PP. *Only for PP.*

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
1.1	4	90S	255	19.5
2.2	2	90L	270	23.5
3	2	100L	315	32
4	2	112M	330	41

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
107	465	1550	50	350	80	190	20	190	15.5

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
450	370	420	340	210	170	10.5

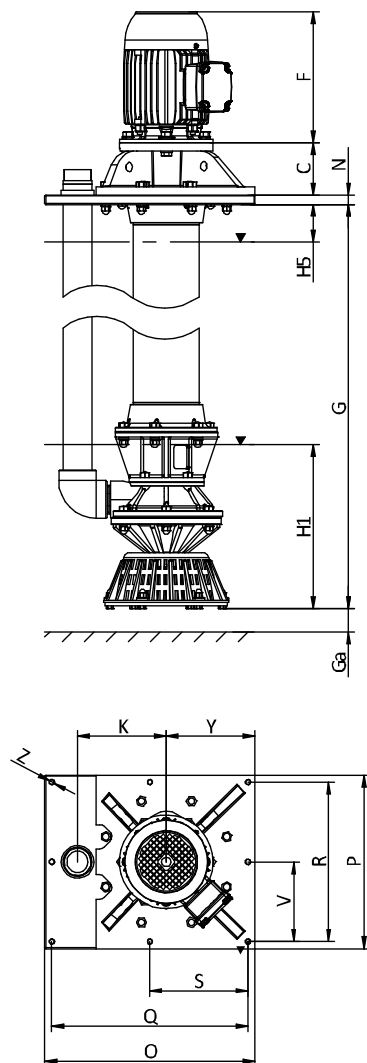
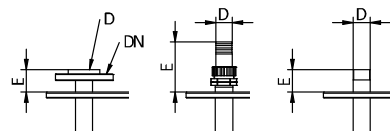
Attacchi – *Connections*

		E	D	DN
Flangia libera – Backing ring	PN10/16 EN1092-1 (DIN 2501)	55	63	50
Flangia libera – Backing ring	ANSI B 16.5 150 lbs	55	63	2"
Portagomma – Hose adaptor ⁽⁺⁾	ISO 228/1	145	50	-
Filetto maschio – Male threaded	ISO 228/1	55	G 2	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
190	280	85	310	390	190

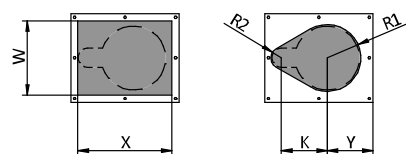
AS50 – PP / PVC / PVDF – Length: 1600 - 1950 mm


Attacchi – *Connections*


Flangia libera
Backing ring

Portagomma ⁽⁺⁾
Hose adaptor ⁽⁺⁾

Filetto maschio
Male threaded

Foro montaggio – *Assembly opening*


Max

Min

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

⁽⁺⁾ Solo per PP. Only for PP.

Motore – *Motor*

kW	Poles	IEC Frame	F*	kg*
1.1	4	90S	255	19.5
2.2	2	90L	270	23.5
3	2	100L	315	32
4	2	112M	330	41
5.5	2	132S	370	65

Pompa – *Pump*

C	G _{min}	G _{max}	Ga	H1	H5	K	N	Y	kg* (PP)
112	1600	1950	50	350	80	190	20	190	29.6

Flangia d'appoggio – *Mounting plate*

O	P	Q	R	S	V	ØZ
450	370	420	340	210	170	10.5

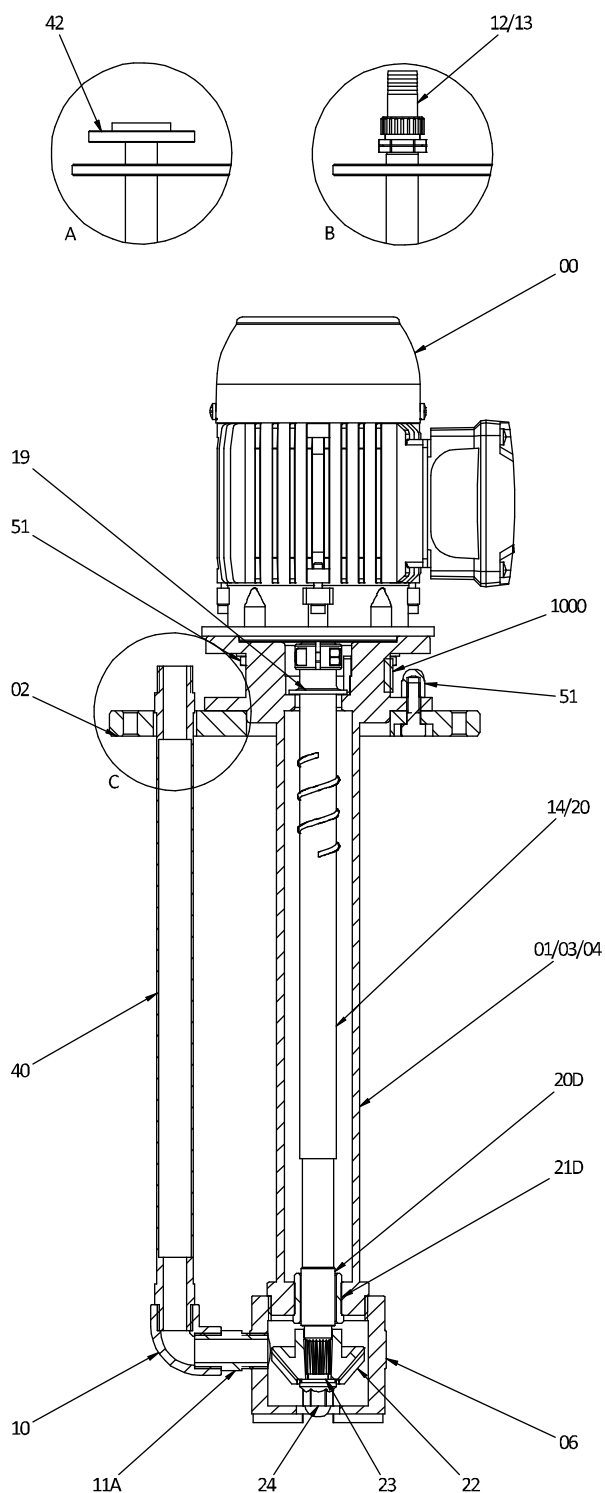
Attacchi – *Connections*

		E	D	DN
Flangia libera – <i>Backing ring</i>	PN10/16 EN1092-1 (DIN 2501)	55	63	50
Flangia libera – <i>Backing ring</i>	ANSI B 16.5 150 lbs	55	63	2"
Portagomma – Hose adaptor ⁽⁺⁾	ISO 228/1	145	50	-
Filetto maschio – <i>Male threaded</i>	ISO 228/1	55	G 2	-

Foro di montaggio – *Assembly opening*

K	R1	R2	W	X	Y
190	315	85	310	390	190

AS10 – PP / PVC / PVDF – Length: 200 - 1000 mm



A - Flangia libera *Backing ring*
 B - Portagomma *Hose adaptor* ^(*)
 C - Filetto maschio *Male threaded*

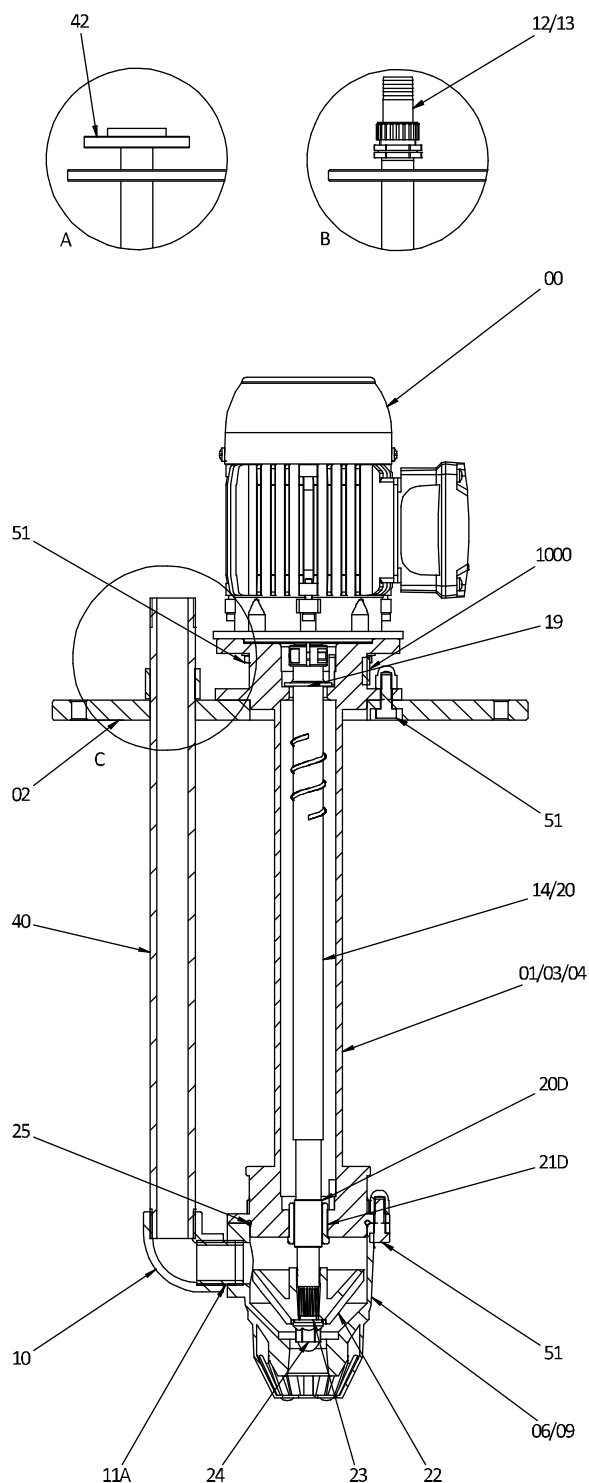
Codice Part-No.	Denominazione Designation	Qt.
00	Motore <i>Electric Motor</i>	1
02	Flangia appoggio <i>Support plate</i>	1
01/03/04	Guaina completa <i>Support column</i>	1
06	Corpo pompa <i>Pump casing</i>	1
10	Gomito mandata <i>Delivery elbow</i>	1
11A	Nipplo <i>Nipple</i>	1
12/13	Portagomma <i>Hose adaptor</i>	1
14/20	Albero completo <i>Complete shaft</i>	1
19	Deflettore <i>Baffle</i>	1
20D	Bussola albero <i>Shaft bushing</i>	1
21D	Bussola pompa <i>Pump bushing</i>	1
22	Girante <i>Impeller</i>	1
23	Rondella girante <i>Impeller washer</i>	1
24	Dado girante <i>Impeller nut</i>	1
40	Tubo mandata <i>Delivery pipe</i>	1
42	Flangia libera <i>Backing ring</i>	1
51	Serie Bulloneria/Rondelle <i>Nuts/Bolts/Washers Set</i>	1
1000	Riparo <i>Guard</i>	1

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Girante <i>Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato <i>PTFE filled</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*

AS20 - PP / PVC / PVDF – Length: 250 - 1000 mm



A - Flangia libera *Backing ring*
B - Portagomma *Hose adaptor* ^(*)
C - Filetto maschio *Male threaded*

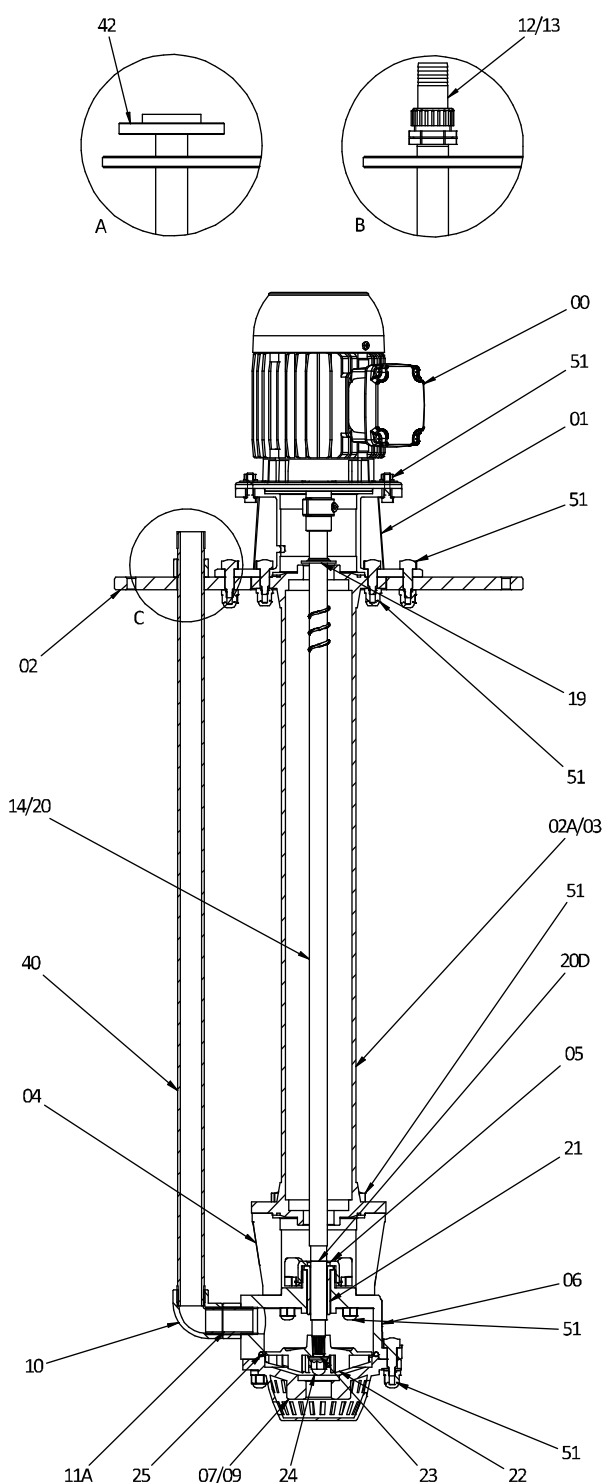
Codice Part-No.	Denominazione Designation	Qt.
00	Motore <i>Electric Motor</i>	1
02	Flangia appoggio <i>Support plate</i>	1
01/03/04	Guaina completa <i>Support column</i>	1
06/09	Corpo pompa con cestello <i>Pump casing with suction strainer</i>	1
10	Gomito mandata <i>Delivery elbow</i>	1
11A	Nipplo <i>Nipple</i>	1
12/13	Portagomma <i>Hose adaptor</i>	1
14/20	Albero completo <i>Complete shaft</i>	1
19	Deflettore <i>Baffle</i>	1
20D	Bussola albero <i>Shaft bushing</i>	1
21D	Bussola pompa <i>Pump bushing</i>	1
22	Girante <i>Impeller</i>	1
23	Rondella girante <i>Impeller washer</i>	1
24	Dado girante <i>Impeller nut</i>	1
25	O Ring <i>O Ring</i>	1
40	Tubo mandata <i>Delivery pipe</i>	1
42	Flangia libera <i>Backing ring</i>	1
51	Serie Bulloneria/Rondelle <i>Nuts/Bolts/Washers Set</i>	1
1000	Riparo <i>Guard</i>	1

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Girante <i>Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato <i>PTFE filled</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*

AS30 - PP - Length: 320 - 1950 mm



A - Flangia libera Backing ring
 B - Portagomma Hose adaptor ^(*)
 C - Filetto maschio Male threaded

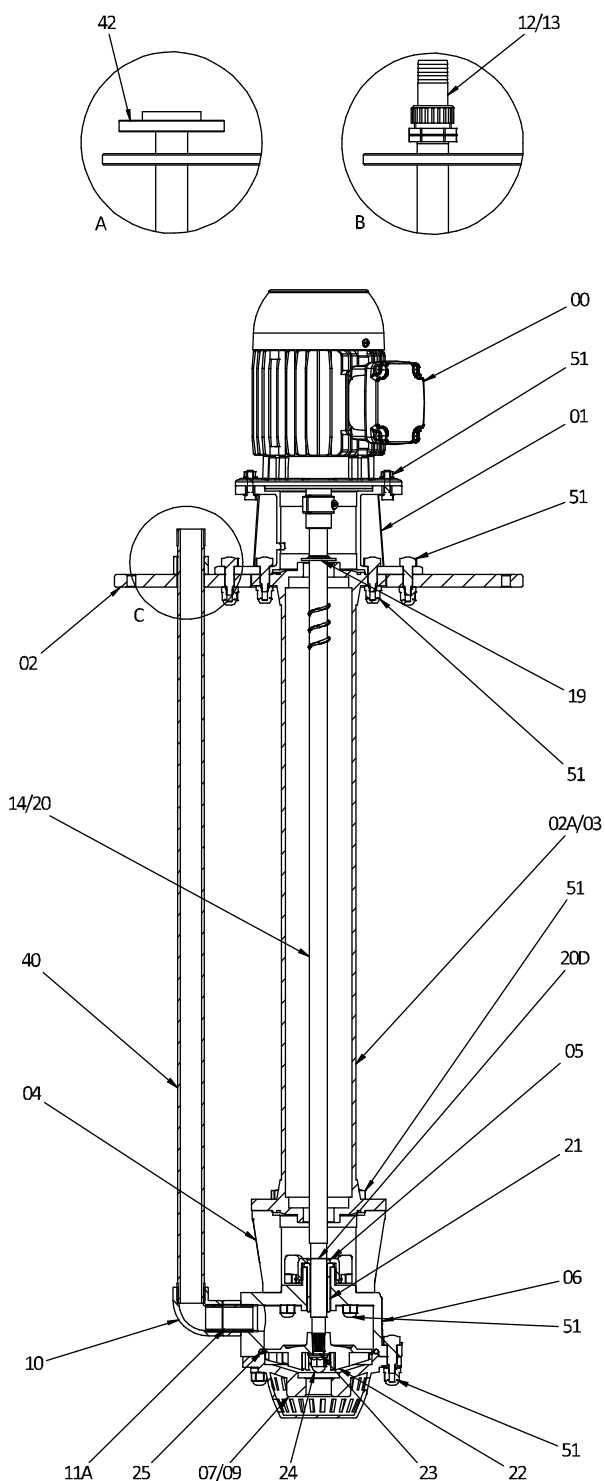
Codice Part-No.	Denominazione Designation	Qt.
00	Motore Electric Motor	1
01	Castelletto motore Motor stool	1
02	Flangia appoggio Support plate	1
02A/03	Guaina completa Support column	1
04	Castelletto pompa Pump stool	1
05	Ghiera Ring nut	1
06	Corpo pompa Pump casing	1
07/09/09A	Coperchio pompa con cestello 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

^(*) Solo per PP e PVC. Only for PP and PVC

AS40 – PP / PVC / PVDF – Length: 320 - 1950 mm



A - Flangia libera *Backing ring*
B - Portagomma *Hose adaptor* ^(*)
C - Filetto maschio *Male threaded*

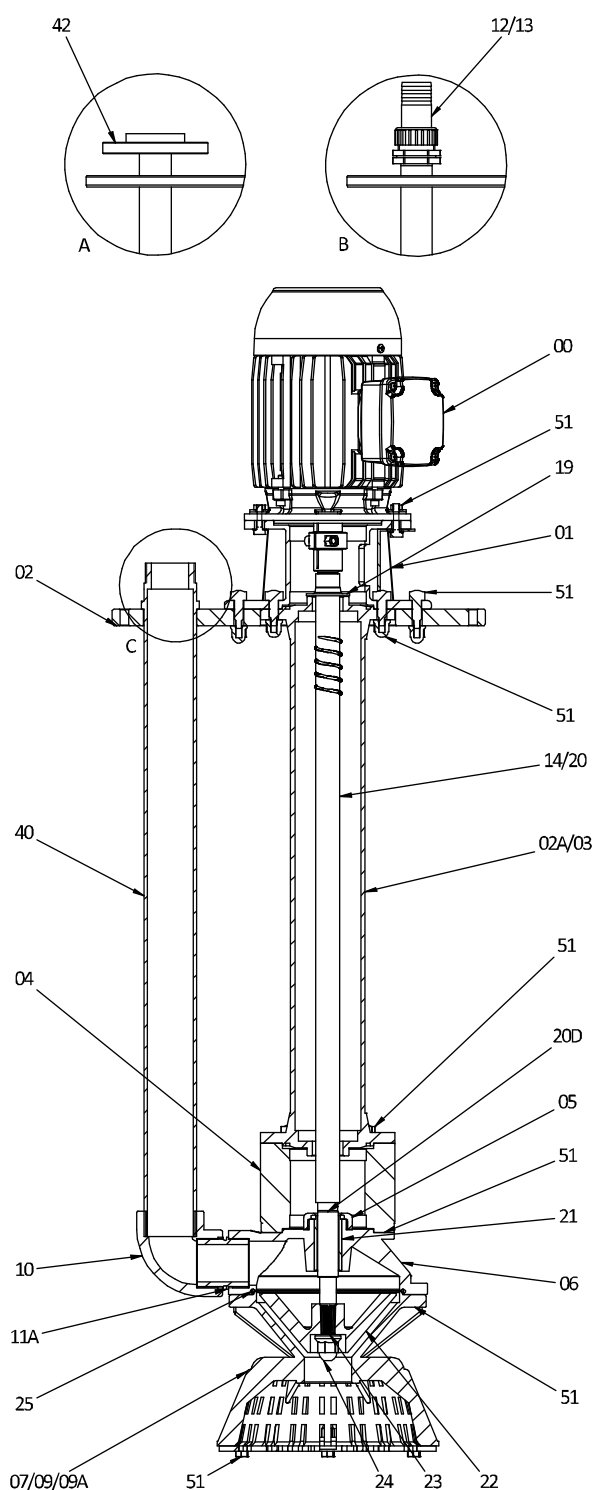
Codice Part-No.	Denominazione Designation	Qt.
00	Motore <i>Electric Motor</i>	1
01	Castelletto motore <i>Motor stool</i>	1
02	Flangia appoggio <i>Support plate</i>	1
02A/03	Guaina completa <i>Support column</i>	1
04	Castelletto pompa <i>Pump stool</i>	1
05	Ghiera <i>Ring nut</i>	1
06	Corpo pompa <i>Pump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

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Coperchio - Girante <i>Cover - Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato - Al_2O_3 - SiC <i>PTFE filled - Al_2O_3 - SiC</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*

AS50 - PP / PVC / PVDF - Length: 465 - 1550 mm



A - Flangia libera *Backing ring*
 B - Portagomma *Hose adaptor* ^(*)
 C - Filetto maschio *Male threaded*

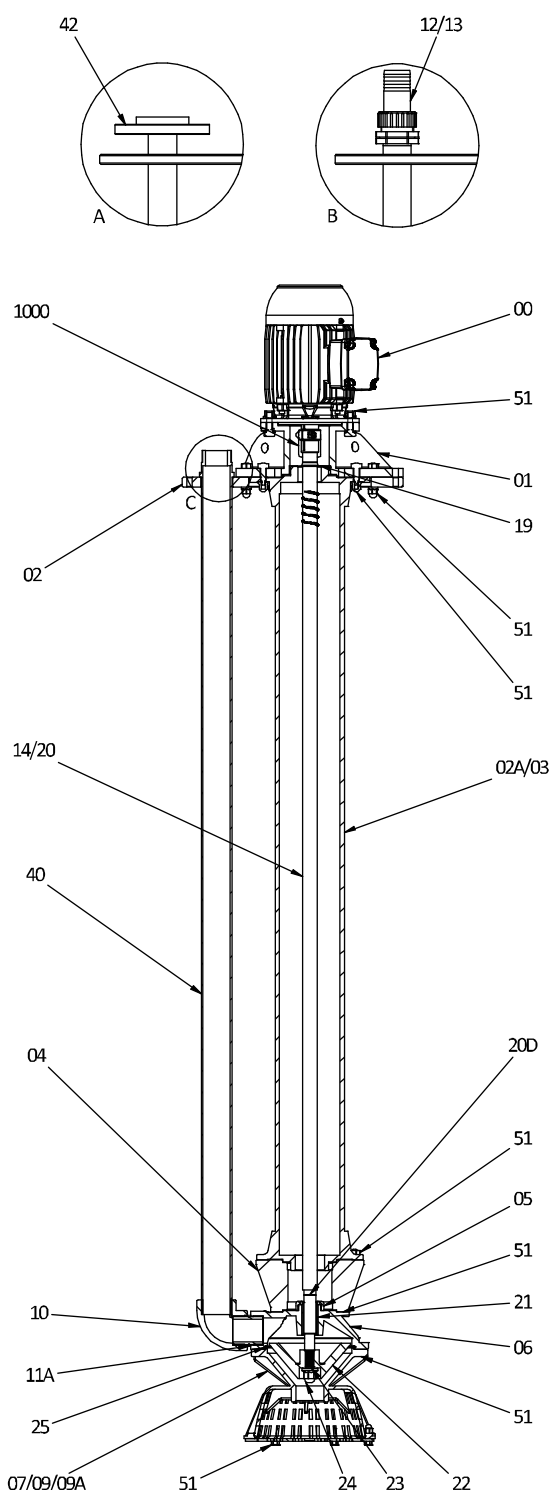
Codice Part-No.	Denominazione Designation	Qt.
00	Motore <i>Electric Motor</i>	1
01	Castelletto motore <i>Motor stool</i>	1
02	Flangia appoggio <i>Support plate</i>	1
02A/03	Guaina completa <i>Support column</i>	1
04	Castelletto pompa <i>Pump stool</i>	1
05	Ghiera <i>Ring nut</i>	1
06	Corpo pompa <i>Pump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

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Coperchio - Girante <i>Cover - Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato - Al ₂ O ₃ - SiC <i>PTFE filled - Al₂O₃ - SiC</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*

AS50 - PP / PVC / PVDF - Length: 1600 - 1950 mm



A - Flangia libera *Backing ring*
B - Portagomma *Hose adaptor* ^(*)
C - Filetto maschio *Male threaded*

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

OPZIONI MATERIALI – MATERIAL OPTIONS

Corpo - Guaina <i>Pump casing - Support</i>	PP - PVC - PVDF
Coperchio - Girante <i>Cover - Impeller</i>	PP - PVC - PVDF - PEHD
Bussole di guida <i>Bushings</i>	PTFE caricato - Al ₂ O ₃ - SiC <i>PTFE filled - Al₂O₃ - SiC</i>
Albero <i>Shaft</i>	SS rivestito in PP - PVC - PVDF <i>SS covered in PP - PVC - PVDF</i>
O Ring <i>O Ring</i>	EPDM - FPM
Bulloneria <i>Bolts and nuts</i>	SS - BR rivestiti in PP - PVC - PVDF <i>SS - BR covered in PP - PVC - PVDF</i>

^(*) Solo per PP e PVC. *Only for PP and PVC*