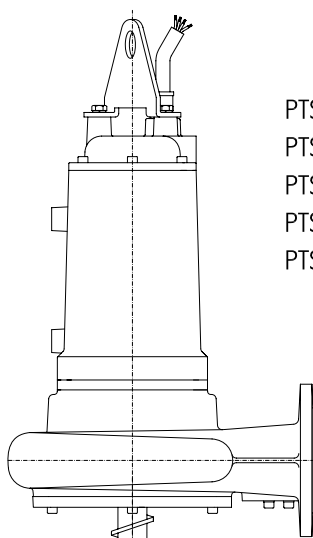
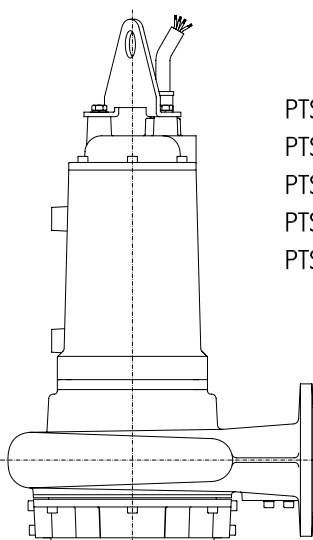
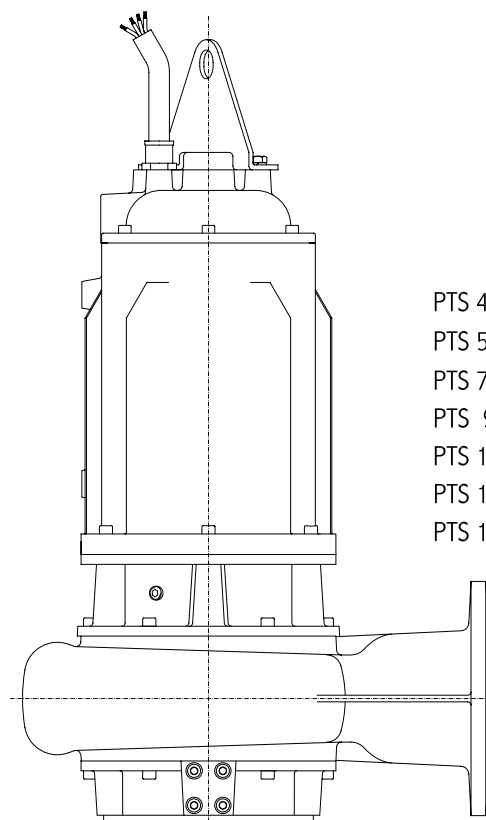




PTS 2,2 - 80
PTS 3 - 80
PTS 4 - 80
PTS 15 - 80
PTS 18,5 - 80



PTS 2,2 - 80N
PTS 3 - 80N
PTS 4 - 80N
PTS 15 - 80N
PTS 18,5 - 80N



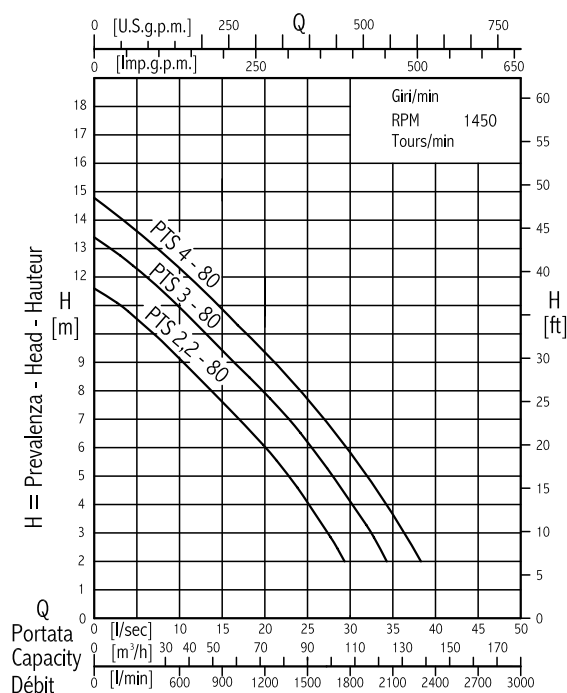
PTS 4 - 100
PTS 5,5 - 100
PTS 7,5 - 100
PTS 9 - 100
PTS 11 - 150
PTS 15 - 150
PTS 18,5 - 150

CARATTERISTICHE FUNZIONAMENTO - OPERATING DATA - CARACTERISTIQUES DE FONCTIONNEMENT

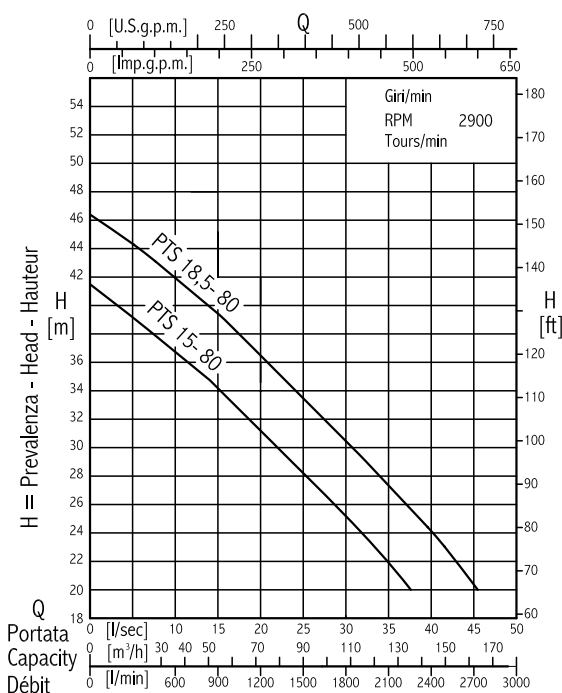
CARATTERISTICHE FUNZIONAMENTO - OPERATING DATA - CARACTERISTIQUES DE FONCTIONNEMENT															
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	POTENZA MOTORE MOTOR RATING POISSAN. MOTEUR	Giri/min RPM T/min n	MANDATA DELIVERY REFOULEM. DN	PORTATA - CAPACITY - DEBIT [m³/h]											
				0	36	54	72	90	108	144	180	216	252	288	324
	PORTATA - CAPACITY - DEBIT [l/sec]														
	0			10	15	20	25	30	40	50	60	70	80	90	
	PREVALENZA - HEAD - HAUTEUR [m]														
PTS 2,2 - 80 80N	2,2	1450	80	11,6	9,1	7,6	6	4,1							
PTS 3 - 80 80N	3			13,4	10,9	9,5	7,9	6,2	4,1						
PTS 4 - 80 80N	4			14,7	12,3	10,9	9,4	7,7	5,8						
PTS 15 - 80 80N	15			41,5	36,7	34,2	31,2	28,2	25,1						
PTS 18,5 - 80 80N	18,5			46,4	41,9	39,4	36,5	33,5	30,4	24,1					
PTS 4 - 100	4	1450	100	9,8	9,5	9	8,4	7,3	5,8						
PTS 5,5 - 100	5,5			12	11,6	11,2	10,6	9,7	8,3	3,7					
PTS 7,5 - 100	7,5			14,7	14,3	14	13,4	12,6	11,3	6,7					
PTS 9 - 100	9			16,1	15,7	15,4	14,9	14,1	12,7	8,7					
PTS 11 - 150	11			15,2	14,7	14,4	14	13,7	13,3	12,3	11,1	9,4	7,1	4,2	
PTS 15 - 150	15	1450	150	18,6	18,1	17,8	17,4	17	16,7	15,6	14,2	12,8	10,8	8	4,8
PTS 18,5 - 150	18,5			21,5	20,9	20,7	20,2	19,9	19,4	18,5	17,1	15,7	13,7	11	8

DIAGRAMMI - PERFORMANCES RANGES - COURBES CARACTERISTIQUES

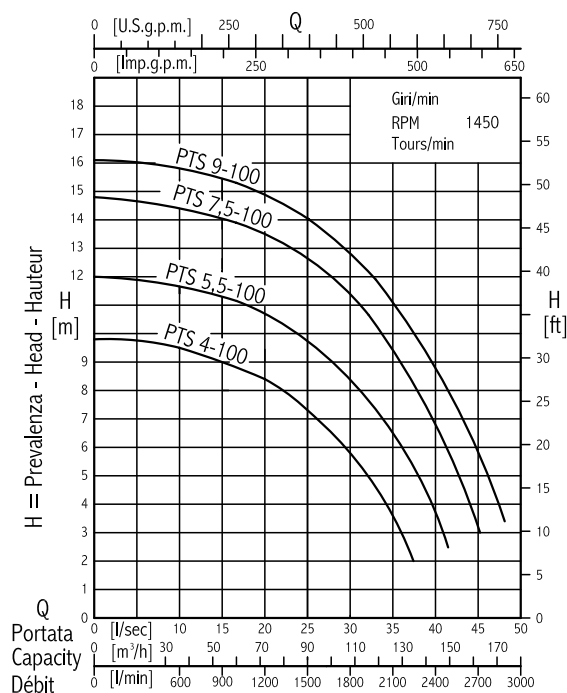
"PTS.. 80 / PTS.. 80N"



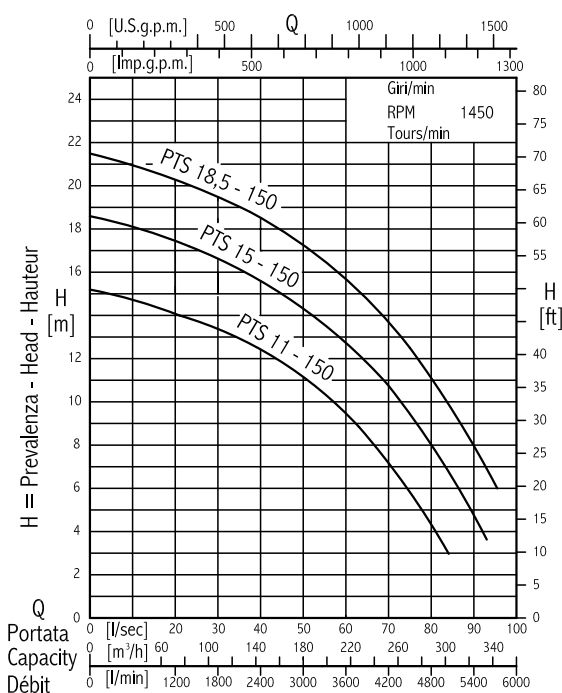
"PTS.. 80 / PTS.. 80N"



"PTS.. 100 "



"PTS.. 150 "



Curve per liquidi aventi densità 1 mm³/s - alla temperatura di 20° C.
Curves established for liquid density 1 mm³/s - temperature 20° C.
Courbes établies pour liquides densité 1 - viscosité 1 mm³/s - température 20° C.

CARATTERISTICHE STANDARD

Motori elettrici asincroni trifase con rotore a gabbia di scoiattolo.
N°2 sonde termiche inserite nell'avvolgimento statorico.
Grado di protezione "IP 68".
Isolamento classe "F".
Max profondità immersione 20 m.
Max contenuto sostanze solide in sospensione 12%.
Cavo sommergibile in neoprene H07-RN-F.
pH liquido 5 ÷ 12.
Max temperatura del liquido pompato 40°C.
Servizio continuo.

STANDARD FEATURES

Asynchronous three phase electric motors with squirrel cage rotor.
N.2 thermic probes installed in the stator winding.
Protection "IP 68".
"F" class insulation.
Max submergence depth: 20 m.
Max solid content in the liquid: 12%.
Submersible H07-RN-F neoprene cable.
Fluid pH 5 - 12.
Max temperature of pumped liquid: 40°C.
Continuous service.

CARACTERISTIQUES STANDARD

Moteurs électriques asynchrones triphasés, rotor à cage d'écureuil.
N°2 sondes thermiques incorporées dans l'enroulement du stator.
Degré de protection "IP 68".
Isolement classe "F".
Max profondeur d'immersion 20 m.
Max contenu de substances solides en suspension 12%.
Max pH du liquide 5 ÷ 12.
Cable submersible en néoprène H07-RN-F.
Max température du liquide pompe 40°C.
Service continu.

Pompe Trituratrici Sommersibili
Chopper Submersible Pumps
Pompes Dilacératrices Submersibles

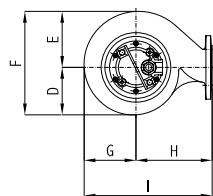
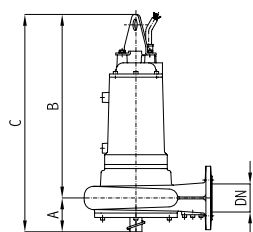
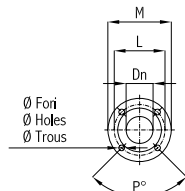
"PTS 80-100-150 "

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ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	CARATTERISTICHE MOTORI TRIFASE - 50 Hz- ALIMENTAZIONE 400 V ±10% 50 Hz - THREE-PHASE- MOTOR FEATURES - VOLTAGE RATING 400 V ±10% CARACTERISTIQUES DES MOTEURS TRIPHASES - 50 Hz- ALIMENTATION 400 V ±10%	POTENZA MOTORE MOTOR RATING PUISSANCE MOTEUR	AVVOLGIMENTI WINDINGS BOBINAGES	ASSORBIMENTO ABSORPTION INTENSITE	Giri/min RPM T/min	CAVO ALIMENTAZIONE FEEDING CABLE		CABLE D'ALIMENTATION		AVVIAMENTO	
		[kW]	[V]	[A (400V)]	n	N°cavi N°cables N°cables	N° conduttori cavo x sezione N° of wires x size N° conducteurs câble à section	[mm ²]	Lunghhezza cavo Cable length Longueur câble	[m]	Diretto Direct Direct
PTS 2,2 - 80 80N		2,2	230-400	5,3	1420	1	9 x 1,5	10		Δ	Δ
PTS 3 - 80 80N		3		6,8	1420					Δ	Δ
PTS 4 - 80 / 80N 100		4		9,1	1405					Δ	Δ
PTS 15 - 80 80N		15	31,2	2920	Δ		Δ				
PTS 18,5 - 80 80N		18,5	36,5	2930	Δ		Δ				
PTS 5,5 - 100		400-690	5,5	12,5	1430		Δ			Δ	
PTS 7,5 - 100			7,5	15,8	1440		Δ			Δ	
PTS 9 - 100			9	19	1440		Δ			Δ	
PTS 11 - 150			11	23,5	1450		Δ			Δ	
PTS 15 - 150			15	30	1450		Δ			Δ	
PTS 18,5 - 150			18,5	36	1450		Δ			Δ	

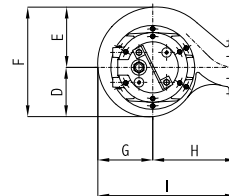
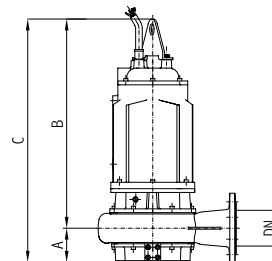
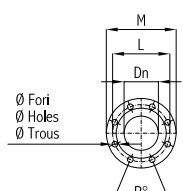
CARATTERISTICHE MOTORI TRI-FASE - 50 Hz- ALIMENTAZIONE 400 V ±10%
50 Hz - THREE-PHASE- MOTOR FEATURES - VOLTAGE RATING 400 V ±10%
CARACTERISTIQUES DES MOTEURS TRI-PHASES - 50 Hz- ALIMENTATION 400 V ±10%

Flangia UNI-PN10
Flange UNI-PN10
Bride UNI-PN10



PTS 2,2 - 80
PTS 3 - 80
PTS 4 - 80
PTS 15 - 80
PTS 18,5 - 80

Flangia UNI-PN10
Flange UNI-PN10
Bride UNI-PN10



PTS 2,2 - 80N
PTS 3 - 80N
PTS 4 - 80N
PTS 15 - 80N
PTS 18,5 - 80N
PTS 4 - 100
PTS 5,5 - 100
PTS 7,5 - 100
PTS 9 - 100
PTS 11 - 150
PTS 15 - 150
PTS 18,5 - 150

Flangia		Flange				Bride	
DN	L	M	P°	Ø Fori Ø Holes Ø Trous	N°Fori N°Holes N°Trous		
80	160	200	90°	18	4		
100	180	220	45°	18	8		
150	240	285	45°	22	8		

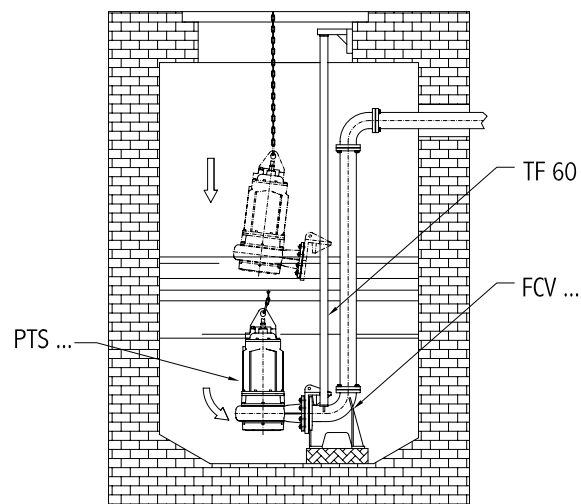
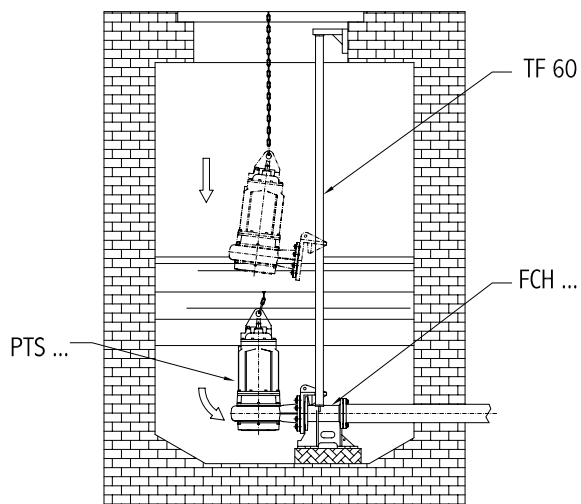
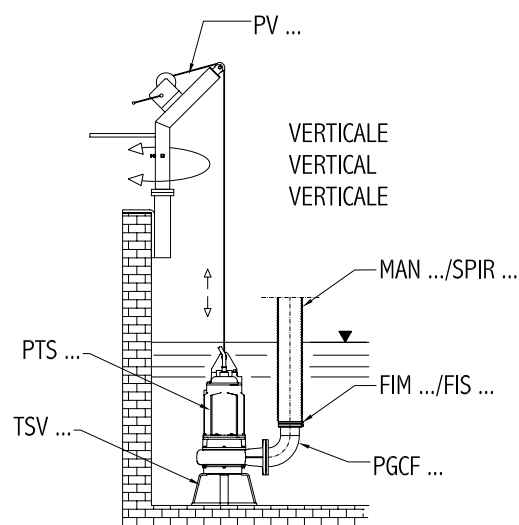
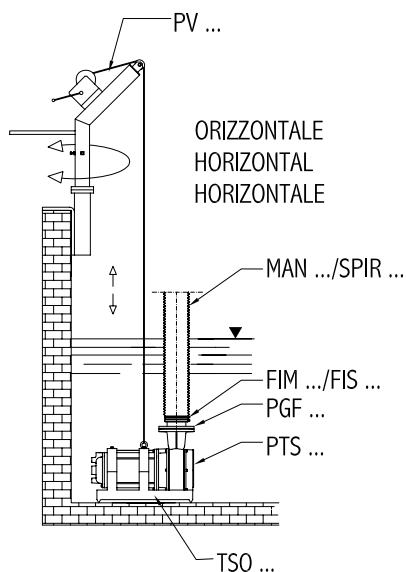
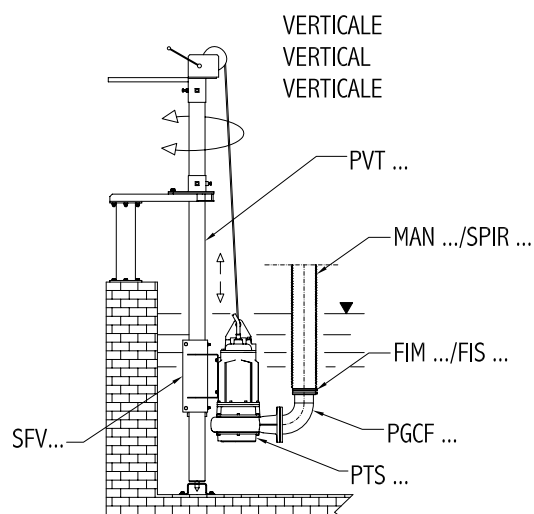
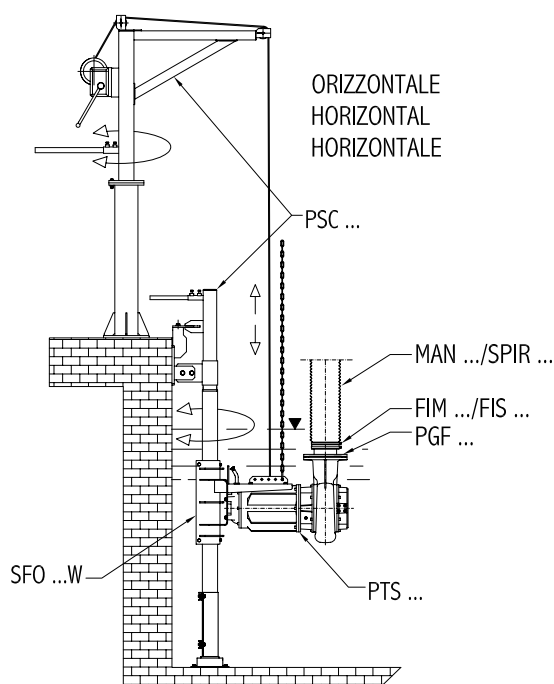
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	DIMENSIONI INGOMBRO [mm]				OVERALL DIMENSIONS [mm]					DIMENSIONS [mm]		PESO WEIGHT POIDS
	DN	A	B	C	D	E	F	G	H	I	[kg]	
PTS 2,2 - 80	80	107	579	686	150	177	327	163	240	403	74	
PTS 3 - 80											77	
PTS 4 - 80											78	
PTS 15 - 80			775	882							168,5	
PTS 18,5 - 80											183	
PTS 2,2 - 80N											75	
PTS 3 - 80N			579	686							78	
PTS 4 - 80N											79	
PTS 15 - 80N											169,5	
PTS 18,5 - 80N			776	883							184	
PTS 4 - 100	100	108	570	677	155	190	345	173	263	436	88	
PTS 5,5 - 100			659	767							122	
PTS 7,5 - 100											128	
PTS 9 - 100											133	
PTS 11 - 150	150	150	805	955	197	257	454	226	342	568	213	
PTS 15 - 150											226	
PTS 18,5 - 150											229	

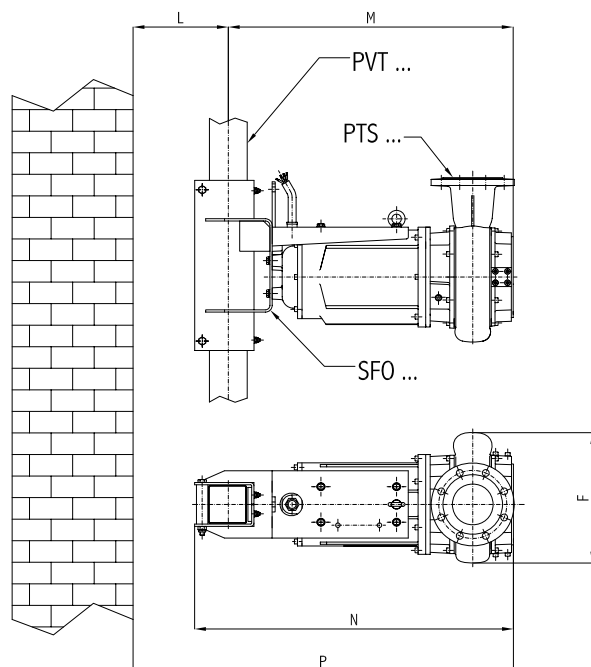
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INSTALLAZIONI POSSIBILI

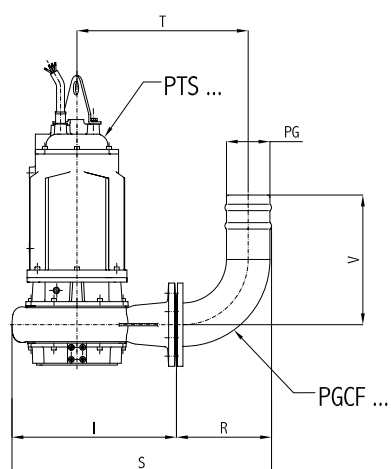
POSSIBLE INSTALLATIONS

INSTALLATIONS POSSIBLES





ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	DIMENSIONI [mm] DIMENSIONS [mm] DIMENSIONS [mm]		PTS + PVT + SFO		
	F	L	M	N	P
PTS 2,2 - 80 80N	327	240	658	737	898
PTS 3 - 80 80N					
PTS 4 - 80 80N					
PTS 15 - 80 80N		250	843	933	1093
PTS 18,5 - 80 80N					
PTS 4 - 100	345	240	664	743	904
PTS 5,5 - 100		250	753	843	1003
PTS 7,5 - 100					
PTS 9 - 100	454	250	910	1000	1160
PTS 11 - 150					
PTS 15 - 150					
PTS 18,5 - 150					



ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	DIMENSIONI [mm] DIMENSIONS [mm] DIMENSIONS [mm]		PTS + PGCF			
	PG	I	R	S	T	V
PTS 2,2 - 80 80N	80	402	180	582	419	240
PTS 3 - 80 80N						
PTS 4 - 80 80N						
PTS 15 - 80 80N						
PTS 18,5 - 80 80N						
PTS 4 - 100	100	436	220	656	483	290
PTS 5,5 - 100						
PTS 7,5 - 100						
PTS 9 - 100	150	568	320	888	660	380
PTS 11 - 150						
PTS 15 - 150						
PTS 18,5 - 150						

Pompe Trituratrici Sommersibili
Chopper Submersible Pumps
Pompes Dilacératrices Submersibles

"PTS 80-100-150"

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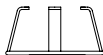
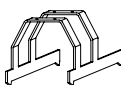
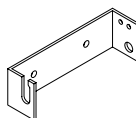
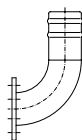
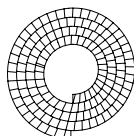
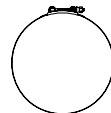
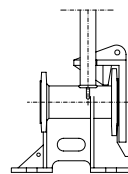
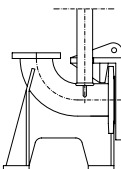
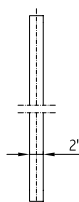
		ACCESSORI		ACCESSORIES		ACCESSOIRES			
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	Paranco con verricello e tubo guida Hoist winch and rail pipe Treuil poulie et barre de guidage				Kit di sollevamento Lifting kit Kit de levage		Piantone Spacer Colonne		
PTS 2,2 - 80 80N	PVT 80 / ...				KIT PVT 80				PT 80
PTS 3 - 80 80N									
PTS 4 - 80 80N									
PTS 4 - 100	PVT 100 / ...				KIT PVT 100				PT 100
PTS 5,5 - 100									
PTS 7,5 - 100									
PTS 9 - 100									
PTS 15 - 80 80N			PVT 150 / ...				KIT PVT 150		
PTS 18,5 - 80 80N									
PTS 11 - 150									
PTS 15 - 150									
PTS 18,5 - 150									
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	Fermacavo Cable stop Arrêt de câble	Staffa motore Motor bracket Console du moteur	Staffa motore Motor bracket Console du moteur			Grù con verricello Cranes and winch Grues et poulie		Staffa motore con rullini Motor bracket with rolls Console du moteur avec galets	
PTS 2,2 - 80 80N	FC 16	SFO 80	SFV 80	PSC 80 / ...		SFO 80W			
PTS 3 - 80 80N									
PTS 4 - 80 80N									
PTS 4 - 100	FC 20	SFO 100	SFV 100	PSC 100 / ...		SFO 100W			
PTS 5,5 - 100									
PTS 7,5 - 100									
PTS 9 - 100	FC 26	SFO 150	SFV 150	PSC 100 / ...		SFO 150W			
PTS 15 - 80 80N									
PTS 18,5 - 80 80N									
PTS 11 - 150									
PTS 15 - 150									
PTS 18,5 - 150									
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	Staffa motore con rullini Motor bracket with rolls Console du moteur avec galets	Kit grù con verricello Cranes and winch kit Kit grues et poulie	Kit fissaggio tubo guida Fixing kit for rail pipe Kit de fixation pour tuyau de guide	Tubo guida Guide tube Tuyaux guide	Paranco con verricello Hoist and winch Treuil et poulie				
				6 mt.					
PTS 2,2 - 80 80N	SFV 80W	KIT PVG 80	KIT PTG 80	KIT PGI 80	PV 80				
PTS 3 - 80 80N									
PTS 4 - 80 80N									
PTS 4 - 100	SFV 100W	KIT PVG 100	KIT PTG 100	KIT PGI 100	PV 100				
PTS 5,5 - 100									
PTS 7,5 - 100									
PTS 9 - 100	SFV 150W	KIT PVG 100	KIT PTG 100	KIT PGI 100	PV 150				
PTS 15 - 80 80N									
PTS 18,5 - 80 80N									
PTS 11 - 150									
PTS 15 - 150									
PTS 18,5 - 150									

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Pompe Trituratrici Sommersibili
Chopper Submersible Pumps
Pompes Dilacératrices Submersibles

"PTS 80-100-150 "

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		ACCESSORI	ACCESSORIES	ACCESSOIRES		
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	Telaio di sostegno Support frame Châssis de soutien	Telaio di sostegno Support frame Châssis de soutien	Catena Chain Chaîne	Staffa attacco catena e fune Bracket for chain and rope Support pour chaîne et corde	Portagomma flangiato Flanged hose connection Bridé	
						
	PTS 2,2 - 80 80N	TSV 80	TSO 80	CAT INOX	SCF	PGF 80 PGF 80 Z
	PTS 3 - 80 80N					
	PTS 4 - 80 80N					
	PTS 4 - 100	TSV 100	TSO 100			PGF 100 PGF 100 Z PGF 120/100 PGF 120/100 Z
	PTS 5,5 - 100					
	PTS 7,5 - 100					
	PTS 9 - 100	TSV 80	TSO 150			PGF 80 PGF 80 Z
	PTS 15 - 80 80N					
PTS 18,5 - 80 80N						
PTS 11 - 150	TSV 150	PGF 150 PGF 150 Z				
PTS 15 - 150						
PTS 18,5 - 150						
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	Curva flangiata portagomma Flanged hose connection Coude de refoulement pour tuyauterie flexible		Manichetta / Tubo flessibile Flexible rubber hose / PVC hose Tuyau flexible / Tuyau en PVC	Fascetta per manichetta / ... per tubo flessibile Clamp for rubber hose / Clamp for PVC hose Bande pour tuyau flexible / ... pour tuyau en PVC	Piede Duck-Foot pedestal Pied d'assise	
						
	PTS 2,2 - 80 80N	PGCF 80 PGCF 80 Z	SPIR 80	FIS 80	FCH 80-80	
	PTS 3 - 80 80N					
	PTS 4 - 80 80N					
	PTS 4 - 100	PGCF 100 PGCF 100 Z PGCF 120/100 PGCF 120/100 Z	MAN 100 SPIR 100 SPIR 120	FIM 100 / FIS 100 FIS 120	FCH 100-100	
	PTS 5,5 - 100					
	PTS 7,5 - 100					
	PTS 9 - 100	PGCF 80 PGCF 80 Z	SPIR 80	FIS 80	FCH 80-80	
	PTS 15 - 80 80N					
PTS 18,5 - 80 80N						
PTS 11 - 150	PGCF 150 PGCF 150 Z	MAN 150 SPIR 150	FIM 150 FIS 150	FCH 150-150		
PTS 15 - 150						
PTS 18,5 - 150						
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	Piede Duck-Foot pedestal Pied d'assise	Tubo guida Guide tube Tuyaux guide				
						
	PTS 2,2 - 80 80N	TF 60				
	PTS 3 - 80 80N					
	PTS 4 - 80 80N					
	PTS 4 - 100					
	PTS 5,5 - 100					
	PTS 7,5 - 100					
	PTS 9 - 100					
	PTS 15 - 80 80N					
PTS 18,5 - 80 80N						
PTS 11 - 150	FCV 150-200					
PTS 15 - 150						
PTS 18,5 - 150						

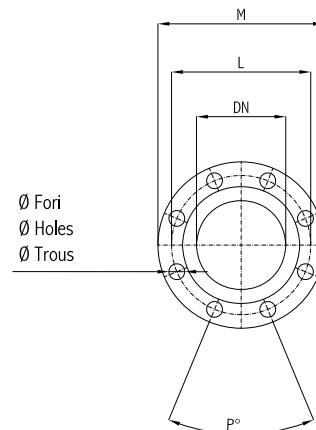
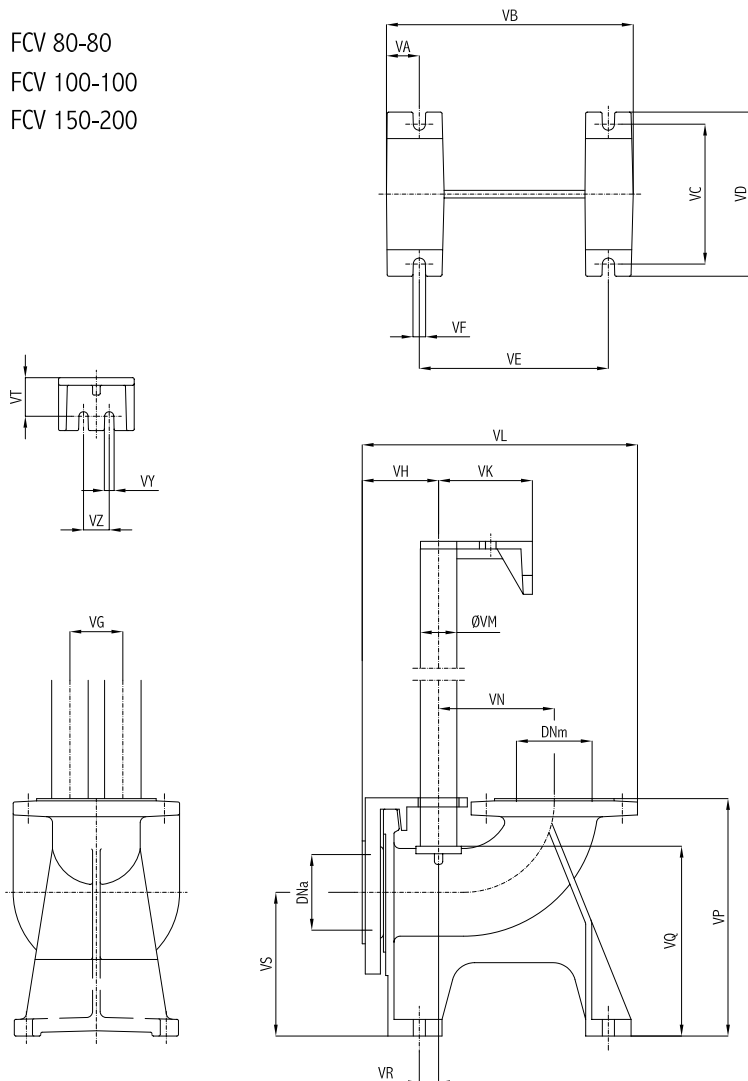
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Piede di Accoppiamento Automatico
Duck-foot Pedestal for Automatic Coupling
Pied D'assise pour Accouplement Automatique

"PTS 80-100-150 "

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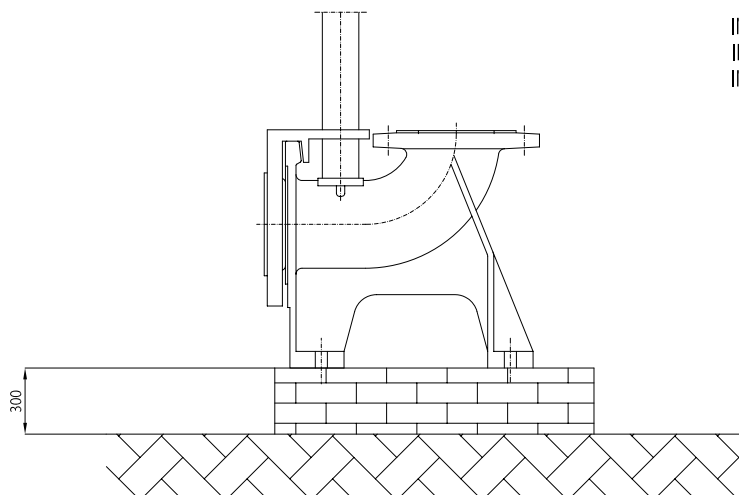
FCV 80-80
FCV 100-100
FCV 150-200



Flangia		Flange			Bride	
DNa	DNm	L	M	P°	Ø Fori Ø Holes Ø Trous	N°Fori N°Holes N°Trous
DN80-PN10		160	200	90°	M16	4
	DN80-PN10	160	200	90°	18	4
DN100-PN10		180	220	45°	M16	8
	DN100-PN10/16	180	220	45°	18	8
DN150-PN10		240	285	45°	M20	8
	DN200-PN10	295	340	45°	22	8

TIPO TYPE TYPE	DIMENSIONI INGOMBRO OVERALL DIMENSIONS DIMENSIONS [mm]																	
	DNa	DNm	VA	VB	VC	VD	VE	VF	VG	VH	VK	VL	VM	VN	VP	VQ	VR	VS
FCV 80-80N	DN80-PN10	DN80-PN10	30	316	200	222	250	16	100	141	124	417	2"	174	353	331	115	190
FCV 100-100N	DN100-PN10	DN100-PN10/16																
FCV 150-200	DN150-PN10	DN200-PN10	91	476	250	360	280	25		157,5	148	631		304	603	606	63	408

INSTALLAZIONE
INSTALLATION
INSTALLATION

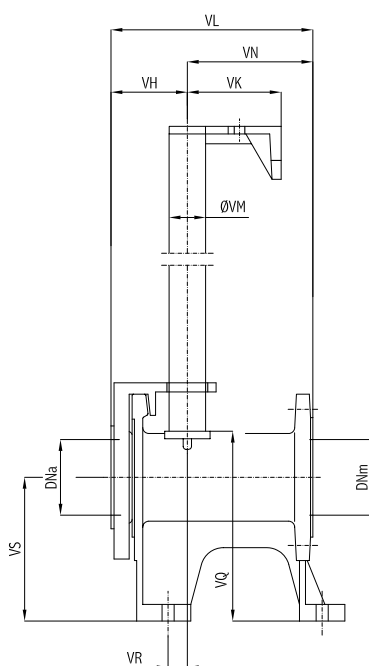
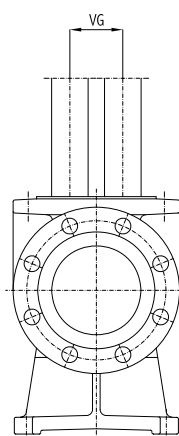
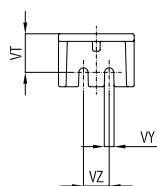
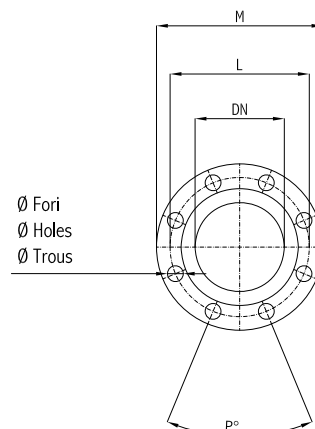
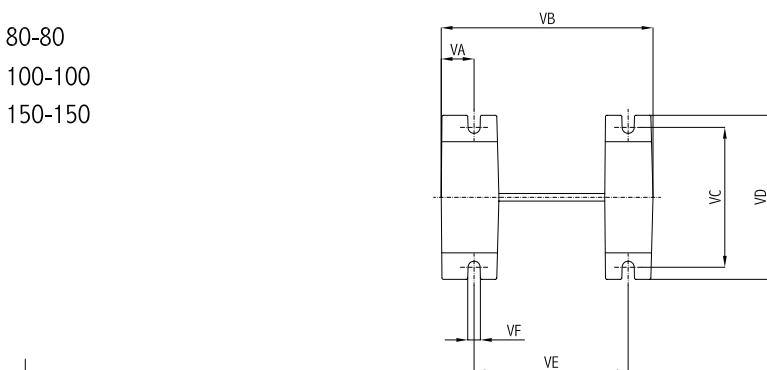


Piede di Accoppiamento Automatico
Duck-foot Pedestal for Automatic Coupling
Pied D'assise pour Accouplement Automatique

"PTS 80-100-150 "

12

FCH 80-80
FCH 100-100
FCH 150-150



Flangia		Flange			Bride	
DNa	DNm	L	M	P°	Ø Fori Ø Holes Ø Trous	N°Fori N°Holes N°Trous
DN80-PN10		160	200	90°	M16	4
	DN80-PN10	160	200	90°	18	4
DN100-PN10		180	220	45°	M16	8
	DN100-PN10/16	180	220	45°	18	8
DN150-PN10		240	285	45°	M20	8
	DN150-PN10/16	240	285	45°	22	8

TIPO
TYPE
TYPE

DIMENSIONI INGOMBRO
OVERALL DIMENSIONS
DIMENSIONS [mm]

	DNa	DNm	VA	VB	VC	VD	VE	VF	VG	VH	VK	VL	VM	VN	VQ	VR	VS	VT	VY	VZ	
FCH 80-80	DN80-PN10	DN80-PN10	34	313	200	232		14		147		313		122	321	113	190				
FCH 100-100	DN100-PN10	DN100-PN10/16	40	320			250	16	100		148	320	2"	133	331	105		50	14	100	
FCH 150-150	DN150-PN10	DN150-PN10/16	91	406	250	360		25		152,5		406		169	330	58	240				

INSTALLAZIONE
INSTALLATION
INSTALLATION

