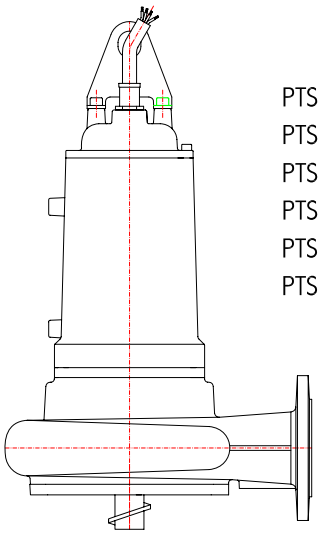
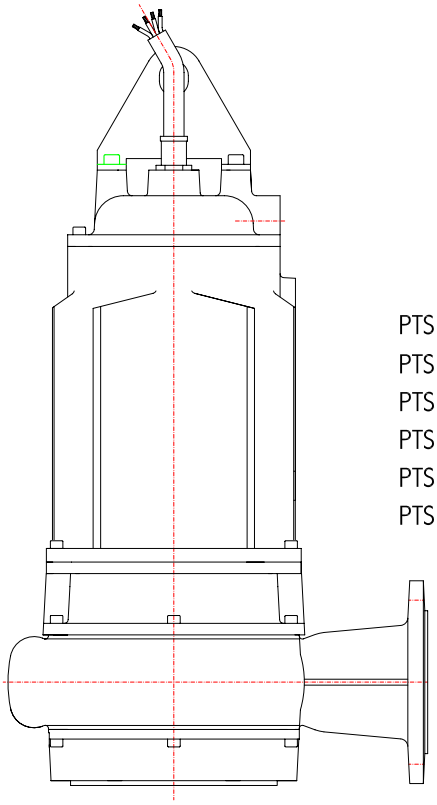


PTS 2.2 - 80
PTS 3 - 80
PTS 4 - 80
PTS 4 - 100
PTS 15 - 80
PTS 18.5 - 80



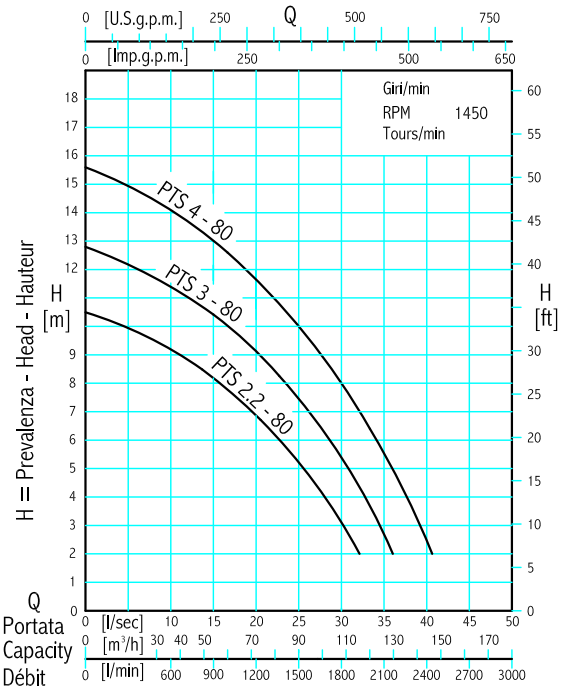
PTS 5.5 -100
PTS 7.5-100
PTS 9-100
PTS 11 - 150
PTS 15 - 150
PTS 18.5 - 150

CARATTERISTICHE FUNZIONAMENTO - OPERATING DATA - CARACTERISTIQUES DE FONCTIONNEMENT

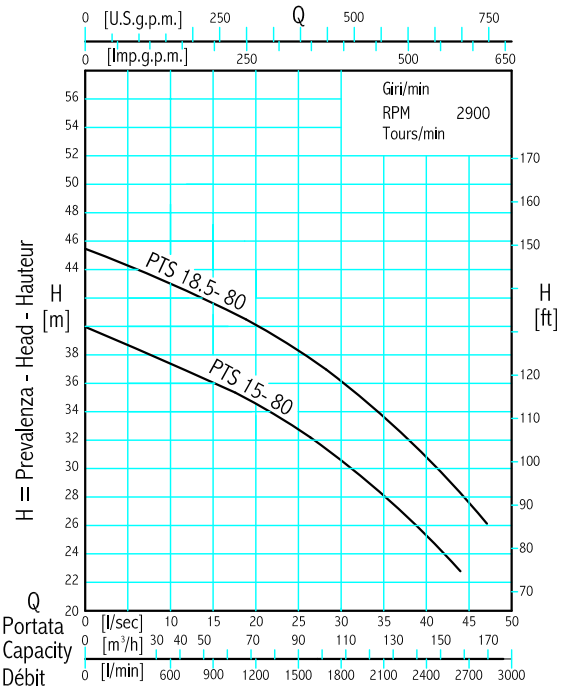
ELETTROPOMPA TIPO / ELECTRIC PUMP TYPE / ELECTROPOMPE TYPE	POTENZA MOTORE / MOTOR RATING / PUISSAN. MOTEUR [kW]	Giri/min RPM T/min	MANDATA DELIVERY REFOULEM. Dn	PORTATA - CAPACITY - DEBIT [m³/h] 0	36	54	72	90	108	144	180	216	252	288	324
				PORTATA - CAPACITY - DEBIT [l/sec] 0	10	15	20	25	30	40	50	60	70	80	90
				PREVALENZA - HEAD - HAUTEUR [m]											
PTS 2.2 - 80	2.2	1450	80	10.5	9.2	8.1	6.8	5.1							
PTS 3 - 80	3			12.8	11.3	10.4	9.1	7.4	5.3						
PTS 4 - 80	4			15.6	14.1	13	11.7	10	8						
PTS 15 - 80	15	2900		40	37.3	36.1	34.7	32.7	30.7	25.2					
PTS 18.5 - 80	18.5			45.4	43	41.5	40.2	38.4	36.2	30.8					
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		150	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			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 - - CURBES CARACTERISTIQUES -

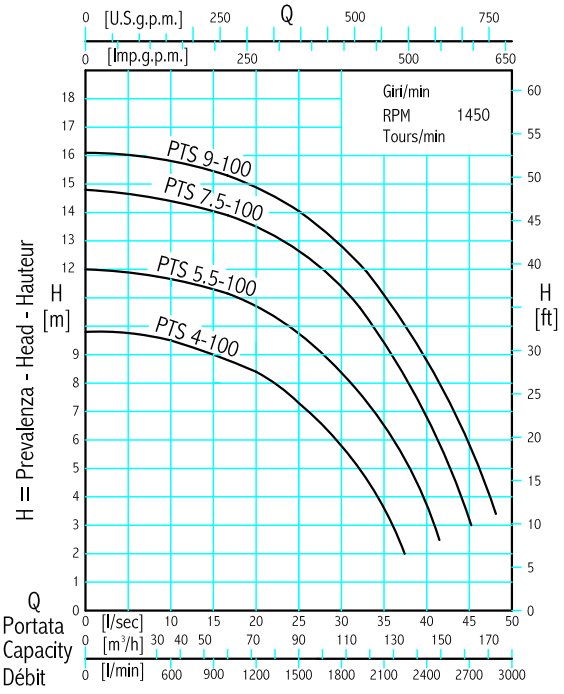
"PTS.. 80 "



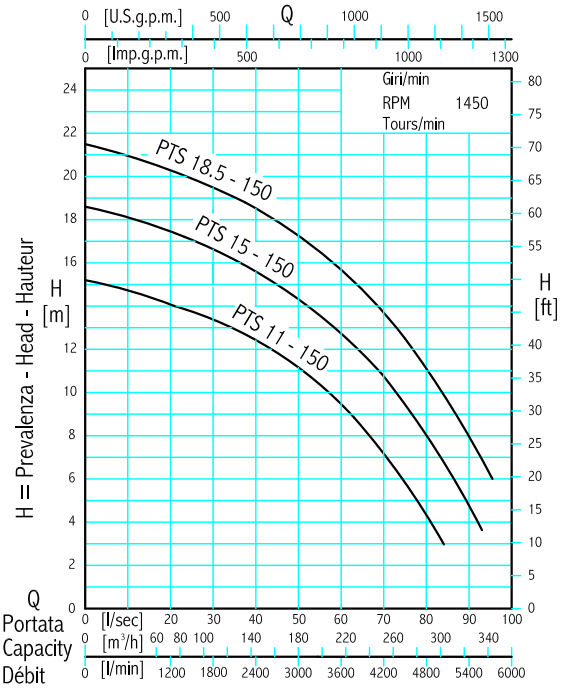
"PTS.. 80 "



"PTS.. 100 "



"PTS.. 150 "



Curve per liquidi aventi densità 1-viscosità 1 mm /s - alla temperatura di 20°C.
Curves estabIlished for liquid density 1- viscosity 1 mm²/s- temperature 20° C.
Curbes èstablies pour liquides densitè 1- viscosité 1 mm²/s - température 20° C.

ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	CARATTERISTICHE MOTORI TRIFASI - 50Hz- 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 [kW]	AVVOLGIMENTI WINDINGS BOBINAGES [V]	ASSORBIMENTO ABSORPTION INTENSITE [A (400V)]	Giri/min RPM T/min	CAVO ALIMENTAZIONE FEEDING CABLE CABLE D'ALIMENTATION n°cavi n°cables n°cables	n°conduttori cavo x sezione n° of wires x size [mm²] n° conducteurs cable x section	lunghezza cavo cable length [m] longueur cable	AVVIAMENTO diretto direct direct	人-△
PTS 2.2 - 80		2.2	230-400	5.3	1420	1	9 x 1.5	8	人	
PTS 3 - 80		3		6.8	1420				人	
PTS 4 - 80/100		4	400-690	9.1	1405				△	人-△
PTS 15 - 80		15		31.2	2920		9 x 4		△	人-△
PTS 18.5 - 80		18.5		36.5	2930				△	人-△
PTS 5.5-100		5.5		12.5	1430		9 x 2.5		△	人-△
PTS 7.5-100		7.5		15.8	1440				△	人-△
PTS 9-100		9		19	1440				△	人-△
PTS 11 - 150		11		23.5	1450		9 x 4		△	人-△
PTS 15 - 150		15		30	1450				△	人-△
PTS 18.5 - 150		18.5		36	1450				△	人-△

CARATTERISTICHE STANDARD

Motori elettrici asincroni trifasi con rotore a gabbia di scoiattolo.
N°3 sonde termiche inserite nell'avvolgimento statorico.
In caso di temperatura superiore a 132°C le sonde interropono l'alimentazione.
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.

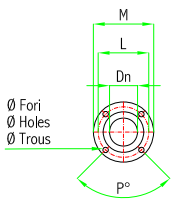
STANDARD FEATURES

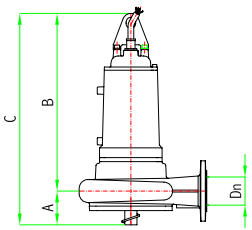
Asynchronous threephase electric motors with squirrel cage rotor.
N.3 thermic probes installed in the stator winding.
In case the temperature exceeds 132°C to cut out power.
Protection" IP 68".
"F" class insulation.
Max submergence depth: 20 m.
Max solid content in the liquid: 12%.
Submersible H07-RN-F neoprene cable.
Fluid pH 5 - 12.
Max temperature of pumped fluid: 40°C.
Continuos service.

CARACTERISTIQUES STANDARD

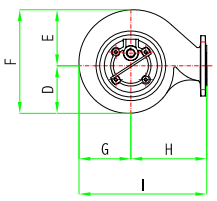
Moteurs électriques asynchrones triphasé, rotor a cage d'ecureuil.
N°3 sondes thermiques incorporées dans l'enroulement du stator.
En cas de surchauffe superieur à 132°C les sondes coupent l'alimentation.
Degré de protection "IP 68" .
Isolement classe "F" .
Max profondeur d'immersion 20 m .
Max contenu de substance solides en suspension 12% .
Max pH du liquid à relever 5÷12 .
Cable submersible en neoprene H07-RN-F .
Max temperature du liquide pompe 40° C.
Service continu.

Flangia UNI-PN6
Flange UNI-PN6
Bride UNI-PN6

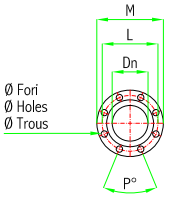


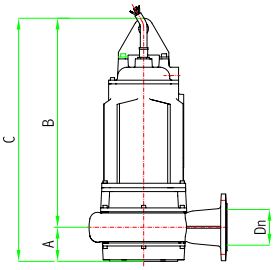


PTS 2.2 - 80
PTS 3 - 80
PTS 4 - 80
PTS 4 - 100
PTS 15 - 80
PTS 18.5 - 80

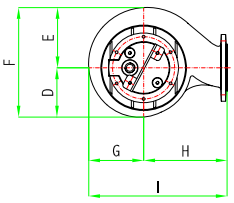


Flangia UNI-PN6
Flange UNI-PN6
Bride UNI-PN6





PTS 5.5 -100
PTS 7.5-100
PTS 9-100
PTS 11 - 150
PTS 15 - 150
PTS 18.5 - 150

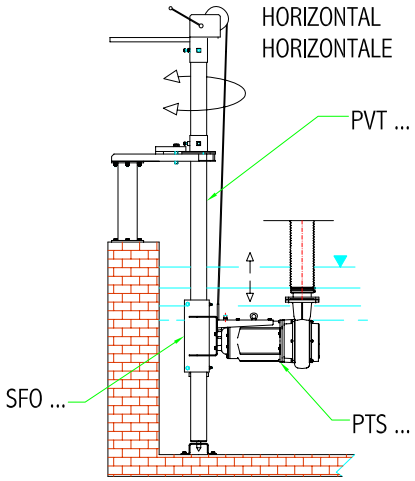


Flangia		Flange			Bride
Dn	L	M	P°	Ø Fori	n°Fori
80	150	190	90°	18	4
100	170	210	90°	18	4
150	225	265	45°	18	8

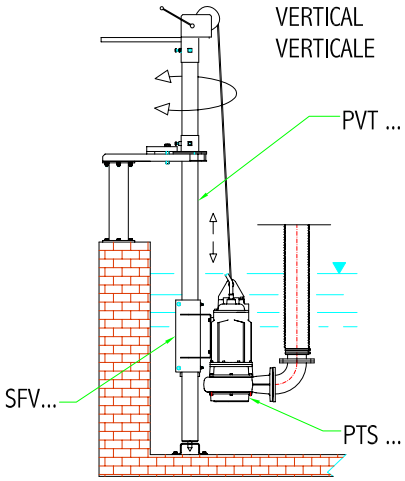
ELETTROPOMPA TIPO ELECTRIC PUMP TYPE ELECTROPOMPE TYPE	DIMENSIONI INGOMBRO [mm] OVERALL DIMENSIONS [mm] DIMENSIONS [mm]										Peso Weight Poids
	Dn	A	B	C	D	E	F	G	H	I	[kg]
PTS 2.2 - 80	80	107	564	671	150	177	327	163	239	402	73
PTS 3 - 80											75
PTS 4 - 80											76
PTS 15 - 80			778	885							
PTS 18.5 - 80											
PTS 4 - 100	100		570	677	155	190	345	173	263	436	87
PTS 5.5-100		108	659	767							121
PTS 7.5-100											127
PTS 9-100											132
PTS 11 - 150	150	150	805	955	197	257	454	226	340	566	206
PTS 15 - 150											219
PTS 18.5 - 150											225

INSTALLAZIONI POSSIBILI POSSIBLE INSTALLATIONS VERSIONS POSSIBLES

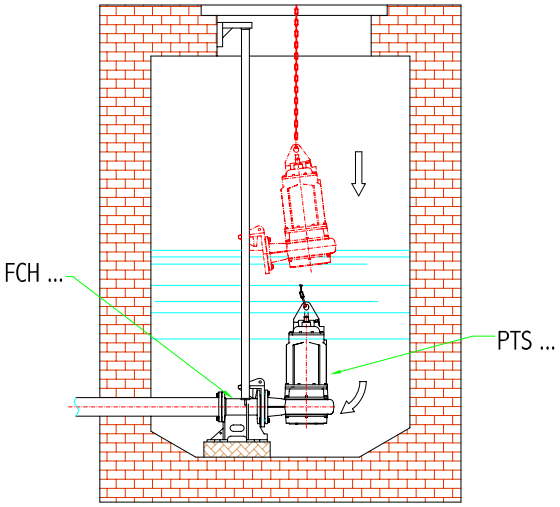
ORIZZONTALE
HORIZONTAL
HORIZONTALE

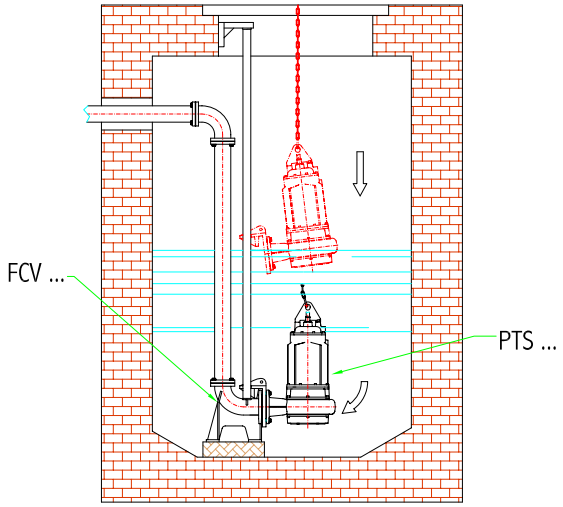


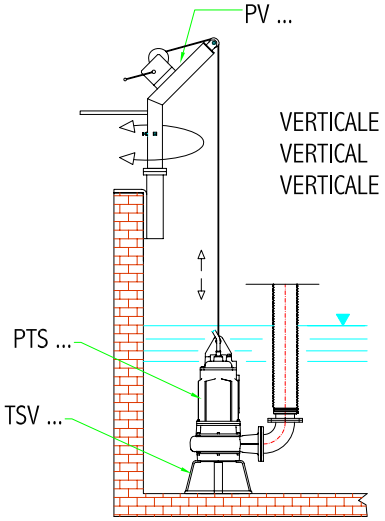
VERTICALE
VERTICAL
VERTICALE

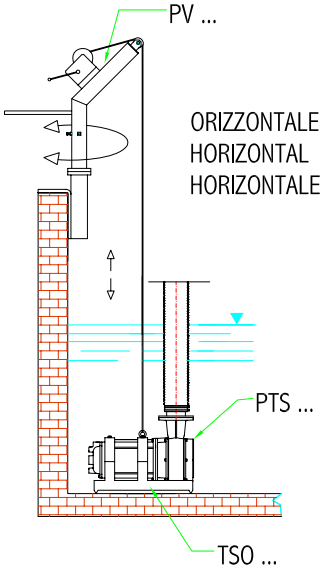


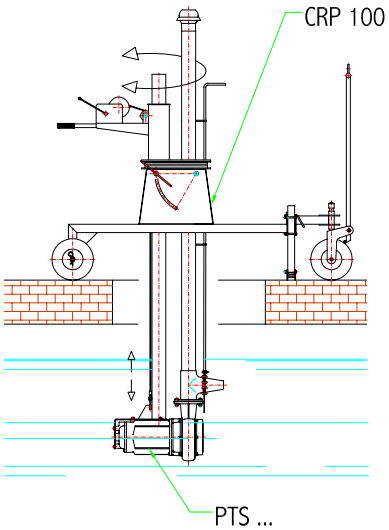
PIEDE DI ACCOPPIAMENTO AUTOMATICO
DUCK-FOOT PEDESTAL FOR AUTOMATIC COUPLING
PIED D'ASSISE POUR ACCOUPLEMENT AUTOMATIQUE



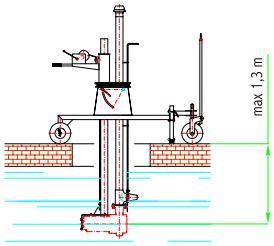


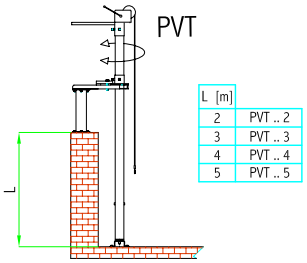
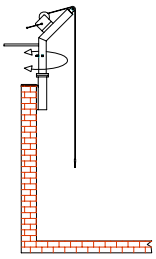




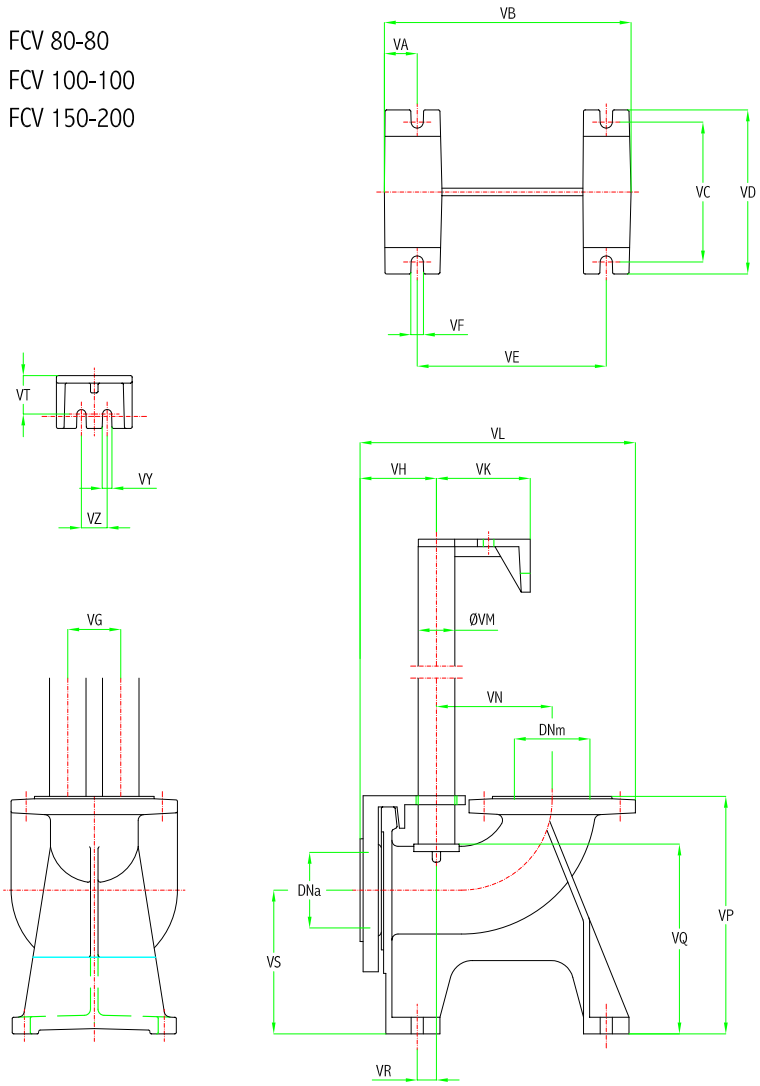


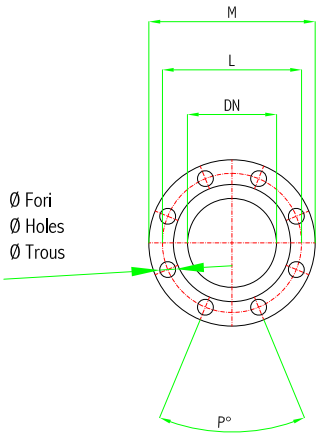
ACCESSORI ACCESSORIES ACCESSOIRES

ELETTROPOMPA TIPO / ELECTRIC PUMP TYPE / ELECTROPOMPE TYPE	Telaio di sostegno Support frame Chassis de soutien	Telaio di sostegno Support frame Chassis de soutien	Piede Duck-Foot pedestal Pied d'assise	Piede Duck-Foot pedestal Pied d'assise	Carrello per pozzetti Trolley Chariot
	TSV	TSO	FCH	FCV	
PTS 2.2 - 80 PTS 3 - 80 PTS 4 - 80	TSV 80	TSO 80	FCH 80-80	FCV 80-80	CRP 100
PTS 4 - 100 PTS 5.5-100 PTS 7.5-100 PTS 9-100	TSV 100	TSO 100	FCH 100-100	FCV 100-100	
PTS 15 - 80 PTS 18.5 - 80	TSV 80	TSO 150	FCH 80-80	FCV 80-80	.....
PTS 11 - 150 PTS 15 - 150 PTS 18.5 - 150	TSV 150		FCH 150-150	FCV 150-200	

ELETTROPOMPA TIPO / ELECTRIC PUMP TYPE / ELECTROPOMPE TYPE	Attacco palo Motor bracket Console du moteur	Attacco palo Motor bracket Console du moteur	Paranco con verricello e tubo guida Hoist winch and rail pipe Treuil poulie et barre de guidage	Paranco con verricello Hoist and winch Treuil et poulie
	SFO	SFV	PVT 	
PTS 2.2 - 80 PTS 3 - 80 PTS 4 - 80 PTS 4 - 100	SFO 80	SFV 80	PVT 80 /..	PV 80
PTS 5.5-100 PTS 7.5-100 PTS 9-100	SFO 100	SFV 100	PVT 100 /..	PV 100
PTS 15 - 80 PTS 18.5 - 80 PTS 11 - 150 PTS 15 - 150 PTS 18.5 - 150	SFO 150	SFV 150	PVT 150 /..	PV 150

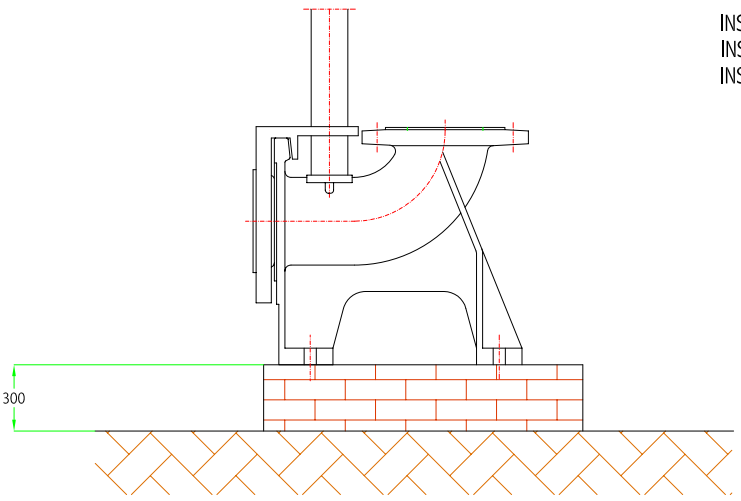
FCV 80-80
FCV 100-100
FCV 150-200





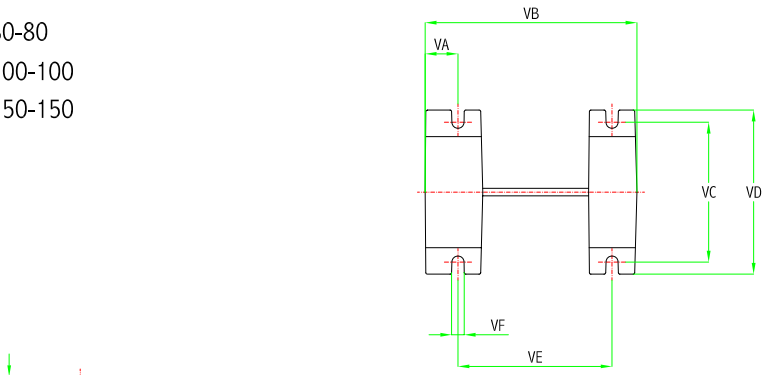
Flangia		Flange				Bride
DN	UNI	L	M	P°	Ø Fori	n°Fori
80	PN6	150	190	90°	18	4
80	PN10	160	200	90°	18	4
100	PN6	170	210	90°	18	4
100	PN16	180	220	45°	18	8
150	PN6	225	265	45°	18	8
200	PN10	295	340	45°	22	8

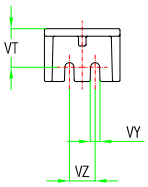
TIPO TYPE TYPE	DIMENSIONI INGOMBRO OVERALL DIMENSIONS DIMENSIONS [mm]																				
	DNa	DNm	VA	VB	VC	VD	VE	VF	VG	VH	VK	VL	VM	VN	VP	VQ	VR	VS	VT	VY	VZ
FCV 80-80	DN80-PN6	DN80-PN10	34	312	200	232	250	16	61	99	124	341	1"1/2	142	316	241	36,5	190	51	12	34
FCV 100-100	DN100-PN6	DN100-PN16	40	315	200	232	250	16	61	100	124	363	1"1/2	143	314	251	25,5	190	51	12	34
FCV 150-200	DN150-PN6	DN200-PN10	91	476	250	360	280	25	100	157,5	148	631	2"	304	603	606	63	408	50	14	100

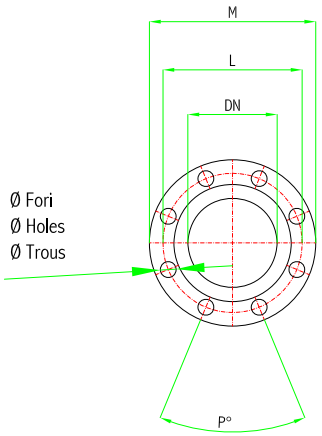


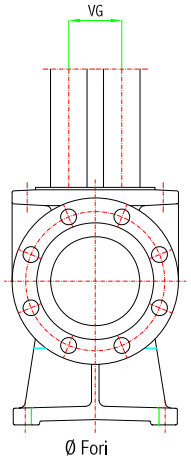
INSTALLAZIONE
INSTALLATION
INSTALLATION

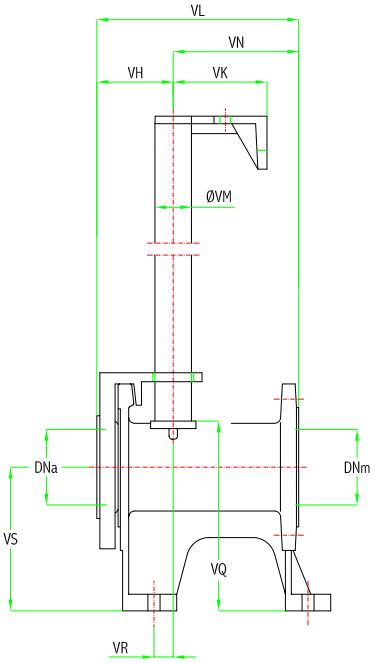
FCH 80-80
FCH 100-100
FCH 150-150











Flangia		Flange				Bride
Dn	UNI	L	M	P°	Ø Fori	n°Fori
80	PN6	150	190	90°	18	4
80	PN10	160	200	90°	18	4
100	PN6	170	210	90°	18	4
100	PN16	180	220	45°	18	8
150	PN6	225	265	45°	18	8
150	PN16	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	VP	VQ	VR	VS	VT	VY	VZ
FCH 80-80	DN80-PN6	DN80-PN10	34	313	200	232	250	14	100	147	148	313	2"	122		321	113	190	50	14	100
FCH 100-100	DN100-PN6	DN100-PN16	40	320	200	232	250	16	100	147	148	320	2"	133		331	105	190	50	14	100
FCH 150-150	DN150-PN6	DN150-PN16	91	406	250	360	250	25	100	152,5	148	406	2"	169		330	58	240	50	14	100

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INSTALLATION
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