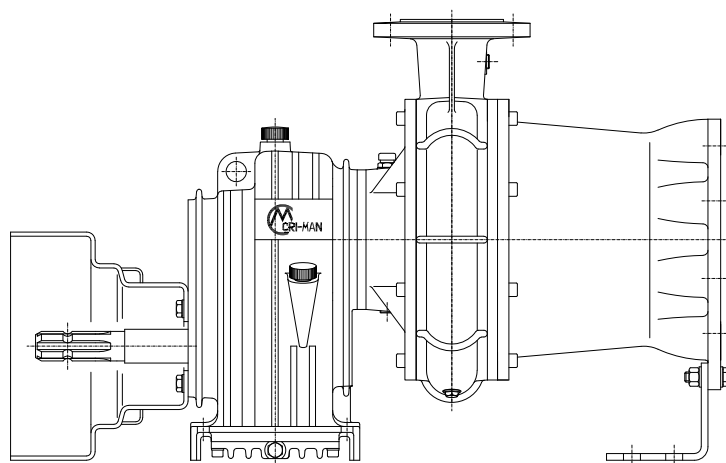


PTH 65
PTH 80N
PTH 100
PTH 100K
PTH 100KKN
PTH 150



Caratteristiche dimensionali - Dimensional features - Caractéristiques dimensionnelles			
Pompa tipo Pump type Pompe type	Aspir. x mandata Inlet x outlet Aspiration x refoul.	Passaggio libero Free passage Passage libre	Ø
	DNa x DNm		[mm]
PTH 65	150 x 65		11
PTH 80N	100 x 80		
PTH 100	150 x 100		28
PTH 100K			
PTH 100KKN			
PTH 150	200 x 150		40

Caratteristiche moltiplicatore - Overgear features - Caractéristiques du multiplicateur			
Pompa tipo Pump type Pompe type	Giri p.d.f. x rapporto p.t.o R.P.M. x gear ratio T/min p.d.f. x rapport	Velocità Speed Vitesse	
			RPM
PTH 65	540 x 5,84 913 x 3,45		3150
PTH 80N	540 x 5,84		
PTH 100	540 x 5,84		
PTH 100K	540 x 4,44 916 x 2,62		2400
PTH 100KKN	927 x 2,75		2550
PTH 150	540 x 4,44 916 x 2,62		2400

CARATTERISTICHE STANDARD
Max contenuto sostanze solide in sospensione
12%, esclusi i modelli 65,100K e 100KKN a
contenuto max 8%.
Liquido pH 5 ÷ 12.
Max temperatura del liquido pompato 60°C.

STANDARD FEATURES
Max solid content in the liquid 12%, 65,100K and
100KKN models excluded, max solid content 8%.
Liquids pH 5 ÷ 12.
Max temperature of pumped liquid: 60°C.

CARACTERISTIQUES STANDARD
Max contenu de substances solides en suspen-
sion 12%, modèles 65, 100K et 100KKN exclu,
max contenu 8%.
Max pH du liquide 5 ÷ 12.
Max température du liquide pompé 60°C.

Caratteristiche funzionamento - Operating data - Caracteristiques de fonctionnement																	
Pompa tipo Pump type Pompe type	Velocità Speed Vitesse	Portata - Capacity - Débit															Potenza trattore [CV] Tractor Power [HP] Puissance Tracteur [CV]
		[l/min]	0	600	1200	1800	2400	3000	3600	4200	4800	5400	6000	6500	7150	7800	
		[m³/h]	0	36	72	108	144	180	216	252	288	324	360	390	429	468	
	H	Prevalenza - Head - Débit															
	RPM	N	Potenza assorbita - Absorbed power - Puissance absorbée														
PTH 150	2400	H	51,1	49,5	47,8	46,4	44,4	42,5	40,6	38,7	36,7	34,4	31,7	28	23,5	11,1	120-130
		N	74,3	75,9	76,2	76,7	77,8	79,3	81,4	83,8	86,8	90,7	95,3	98,8	101,2	99,8	

Pompa tipo Pump type Pompe type	Girante Impeller Roue	Velocità Speed Vitesse	Portata - Capacity - Débit													Potenza trattore [CV] Tractor Power [HP] Puissance Tracteur [CV]
			[l/min]	0	750	1000	1250	1500	1750	2000	2500	3000	3500	4000	5000	
			[m³/h]	0	45	60	75	90	105	120	150	180	210	240	300	
		H	Prevalenza - Head - Débit													
RPM	N	Potenza assorbita - Absorbed power - Puissance absorbée														
PTH 65	C	3150	H	108	103	101	99,4	97,6	95,5	93,4	87,4	78,4				100-110
			N	53,5	60	62,4	65,1	68,7	72,5	76,2	81,6	85,2				
	B		H	116	111	109	108	106	104	101	95,9	87,1				110-120
			N	60	66,9	69,5	72,4	76	80,1	84,3	90,4	94,5				
	A		H	125	120	118	116	114	112	109	104	95				125-135
			N	67	74,4	77,1	80,2	83,9	88,3	92,8	99,9	105				
PTH 80N			H	69,4	63,4	61	58,6	56	53,3	50,5	45,1					65-75
			N	31	36	39	40	42	48	49,5	56					
PTH 100			H	59		58,5	58	57,5	57	56	53	50	46,6	41		70-80
			N	23,9		33	36	39	40	42	48	50	55,4	61		
PTH 100K	D	2400	H	107		105	105	104	102	101	97,6	91,6	84,2	76,2	55,4	170-180
			N	69,9		82,4	85,7	89,1	92,8	96,6	104	113	121	128	140	
	C		H	116		115	114	114	112	111	108	104	96,7	89,1	71	195-205
			N	79,7		92,6	96,1	99,6	103	107	115	124	133	141	154	
PTH 100KKN			H	132		130	130	129	128	126	123	119	112	105	86,7	230-240
			N	95,6		110	114	118	122	126	135	145	155	164	181	

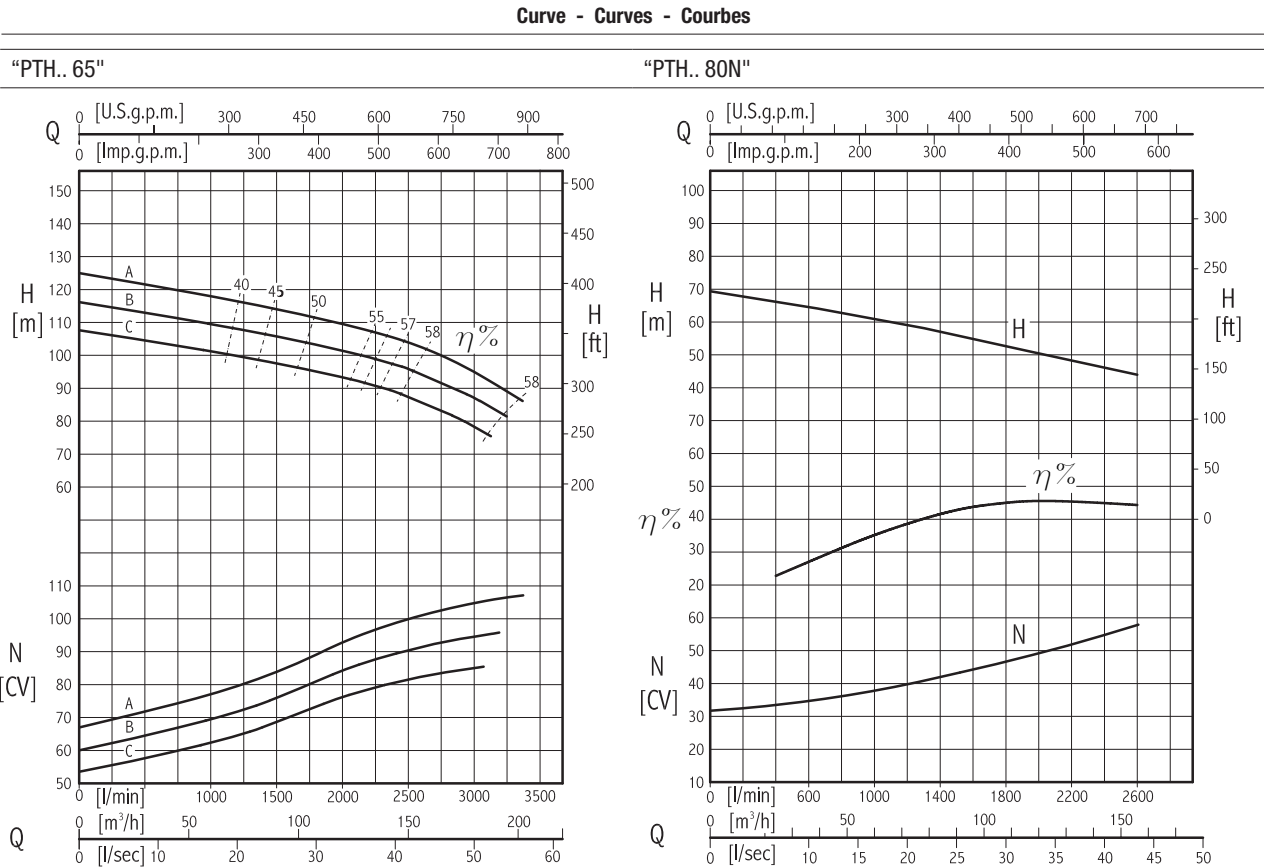
N= Potenza assorbita in [CV]
Absorbed power in [HP]
Puissance absorbée en [CV]

H= Prevalenza [m]
Head [m]
Hauteur [m]

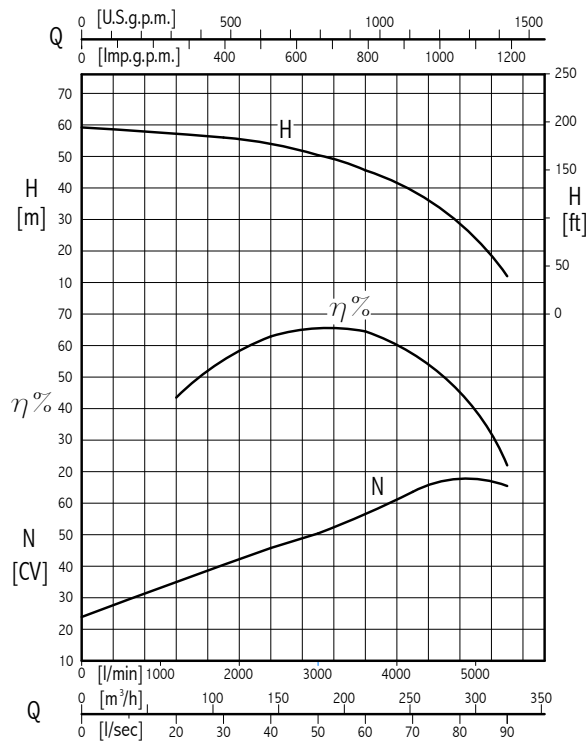
Curve per liquidi aventi densità 1 kg/l
viscosità 1 mPa's
alla temperatura di 20° C

Curves tested on liquid density 1 kg/l
viscosity 1 mPa's
temperature 20° C

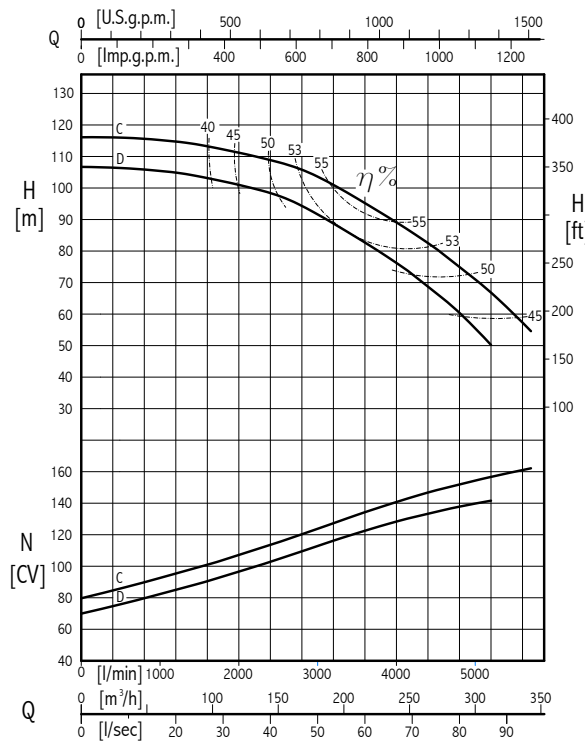
Courbes établies pour liquides densité 1 kg/l
viscosité 1 mPa's
température 20° C



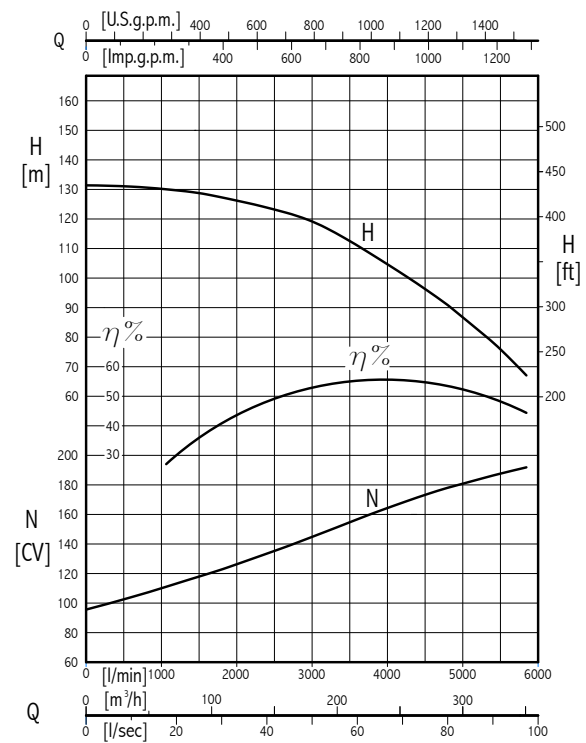
“PTH.. 100”



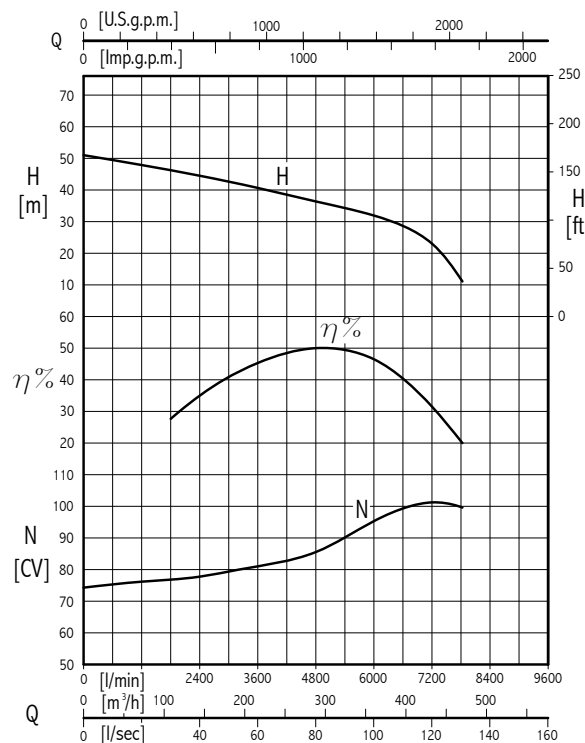
“PTH.. 100K”



“PTH.. 100KKN”



“PTH.. 150”



N= Potenza assorbita
Absorbed power
Puissance absorbée

Q= Portata
Capacity
Débit

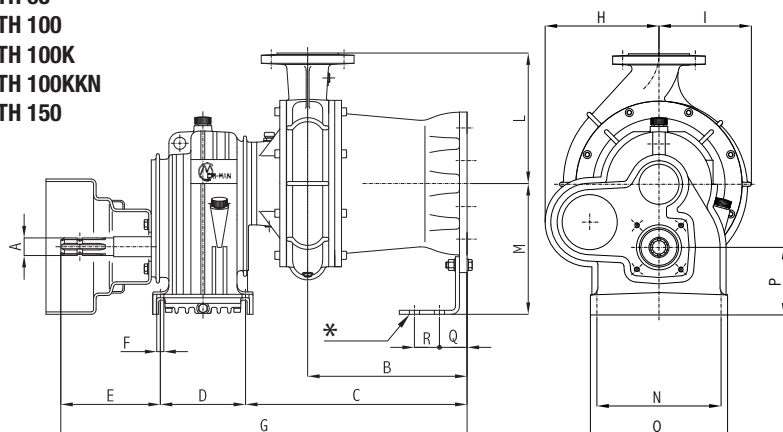
H= Prevalenza
Head
Hauteur

η= Efficienza
Efficiency
Efficacité

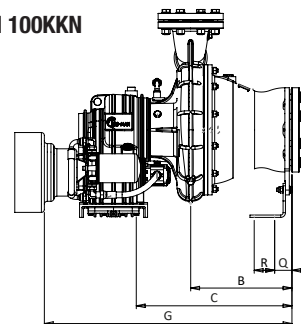
Dimensioni ingombro - Overall dimensions - Dimensions [mm]

Pompa tipo Pump type Pompe type	A	B	C	D	E	F	G	H	I	L	M	N	O	P	Q	R	Fori* Holes* Trous*	S
																	n°	
PTH 65	1"3/8 z = 6	318	442	170	199	14	811	199	184	261	261	248	274	135	55	50	2	13
PTH 80N		258	377				746	177	150	226	275				--	--		--
PTH 100		293	419				788	190	155	263	261				--	--		--
PTH 100K	1"3/4 z = 6	335	501	190	204	16	895	248	229	370	296	265	300	152	55	50	2	13
PTH 100KKN		343	525				840								58,5			
PTH 150		263	409				803	257	198	340					55			

PTH 65
PTH 100
PTH 100K
PTH 100KKN
PTH 150



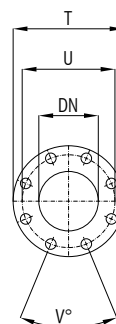
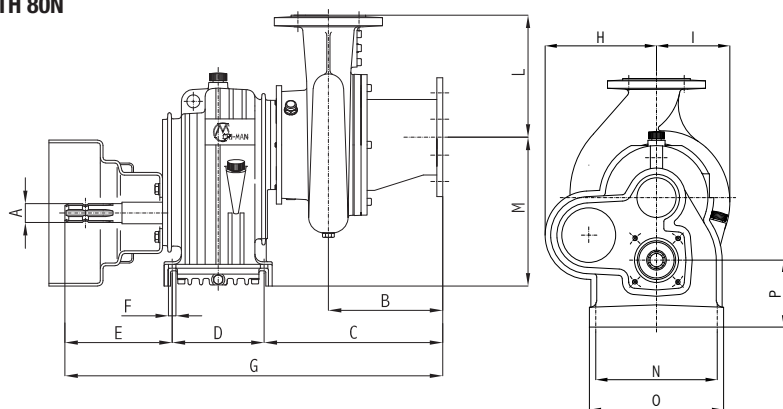
PTH 100KKN



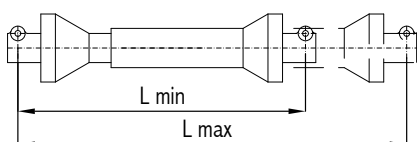
Flangia - Flange - Bride

DN	T	U	V°	Fori Holes Trous	
				Ø	n°
DN65-PN10	185	145	90°	18	4
DN80-PN10	200	160			
DN100-PN10/16	220	180			
DN150-PN10/16	285	240	45°	22	8
DN200-PN10	340	295			

PTH 80N



Alberi cardanici
Drive shafts
Arbres a cardan

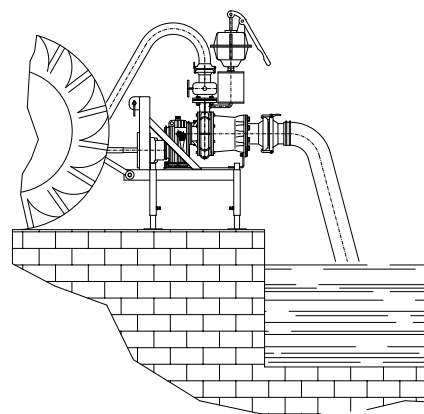


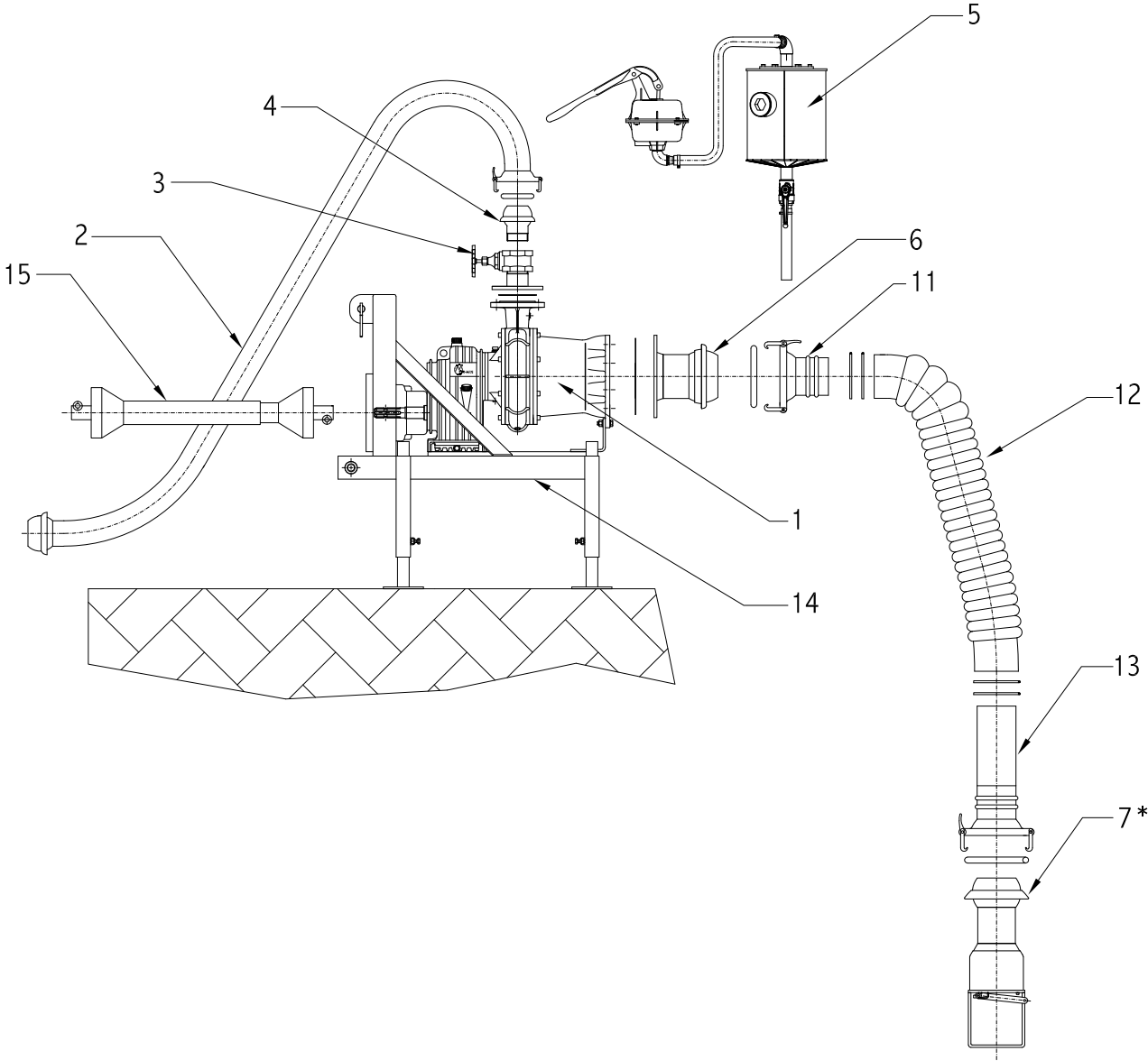
Flangia - Flange - Bride

Tipo Type Type	L min	L max	N	
			540	1000
C 60	1010	1550	64	100
C 95			95	150
C 95K		1540	--	150

N= Potenza trasmissibile in [CV]
Transmissible power in [HP]
Puissance transmissible en [CV]

Installazioni possibili
Possible installations
Installations possibles





DESCRIZIONE

- 1 Pompa
- 2 Collo di cigno
- 3 Saracinesca flangiata
- 4 Maschio con tronchetto filettato
- 5 Dispositivo adescamento
- 6 Raccordo maschio con flangia
- 7 Valvola di fondo a clapet *
- 11 Portagomma con raccordo femmina
- 12 Tubo flessibile in gomma
- 13 Prolunga con raccordo femmina
- 14 Telaio
- 15 Albero cardanico

DESCRIPTION

- 1 Pump
- 2 Gooseneck
- 3 Flanged gate
- 4 Male with threaded stud pipe
- 5 Priming device
- 6 Male with flange
- 7 Foot valve *
- 11 Female hose connection
- 12 Rubber flexible hose
- 13 Female coupling extension
- 14 Frame
- 15 Drive shaft

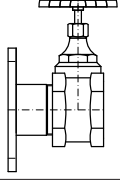
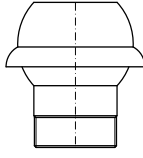
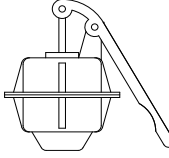
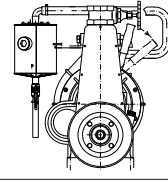
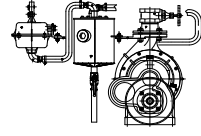
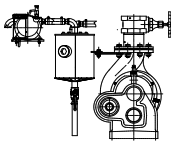
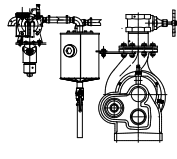
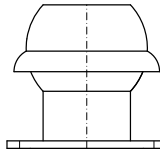
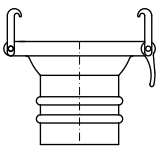
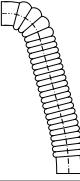
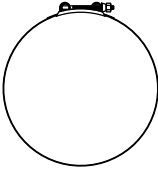
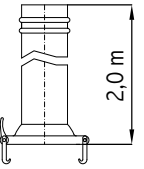
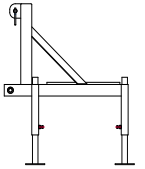
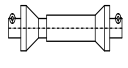
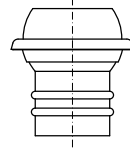
DESCRIPTION

- 1 Pompe
- 2 Col-de-cygne
- 3 Vanne bridée
- 4 Mâle avec tube fileté
- 5 Dispositif d'amorçage
- 6 Mâle avec bride
- 7 Clapet *
- 11 Raccord femelle
- 12 Tuyau flexible
- 13 Extension avec raccord femelle
- 14 Châssis
- 15 Arbre a cardan

* Impiegare solo per acque reflue con solidi in sospensione a pezzatura regolare, quali fanghi di depurazione, liquidi melmosi, liquame suino, ecc..

* Use only for waste water with regular sized suspended solids such as sewage sludge, waste and muddy water in general, muddy liquid, pig slurry, etc..

* Employer seulement avec liquides chargés avec solides en suspension de granulométrie régulière tels que boues d'épuration et liquides boueux en général, lisier de porc, etc..

Accessori - Accessories - Accessoires							
Pompa tipo Pump type Pompe type	2	3	4	--	5	5	
	Collo di cigno Gooseneck Col-de-cygne	Saracinesca flangiata Flanged gate Vanne bridée	Maschio con tronchetto filett. Male with thread Male avec tube fileté	Pompa a membrana Diaphragm pump Pompe à membrane	Disp. adescamento automatico Automatic priming device Dispositif d'amorçage automatique	Disp. adescamento manuale Manual priming device Dispositif d'amorçage manuel	
							
	PTH 65	CCM 80	SFF 65/10	MS 80/3	PAM	ADA 65	ADM 65
	PTH 80N	CCM 100	SFF 80/10-3	MS 100/3		ADA 80	ADM 80
	PTH 100	CCM 120	SFF 100/10	MS 120/4		ADA 100	ADM 100
	PTH 100K					--	
PTH 100KKN	ADA 150					ADM 150	
PTH 150	CCM 150	SFF 150/10-6	MS 150/6				
Pompa tipo Pump type Pompe type	5	5	6	7	11	12	
	Disp. adescamento idraulico Hydraulic priming device Dispositif d'amorçage hydraulique	Disp. adescamento elettrico Electric priming device Dispositif d'amorçage électrique	Maschio con flangia Male with flange Male avec bride	Valvola fondo * Foot valve * Clapet *	Portagomma con racc. femmina Female hose con- nection Raccord femelle	Tubo flessibile in gomma Rubber spiral hose Tuyau flexible	
							
	PTH 65	ADI 65	ADE 65	FS 150	V 150	D 150 F D 150 FZ SPIG 150	
	PTH 80N	ADI 80	ADE 80	FS 100-150			
	PTH 100	ADI 100	ADE 100	FS 150			
	PTH 100K						
PTH 100KKN							
PTH 150	ADI 150	ADE 150	FS 200	V 200	D 200 F/D 200 FZ	SPIG 200	
Pompa tipo Pump type Pompe type	--	13	14	15	--		
	Fascetta per tubo flessibile Clamp PVC hose Collier pour tuyau flexible	Prolunga con raccordo femmina Female coupling extension Extension avec raccord femelle	Telaio Frame Châssis	Albero cardarico Drive shaft Arbre à cardan	Portagomma con racc. maschio Male hose connection Raccord mâle		
				Girante Impeller Roue			
	PTH 65	FIS 150	DE 150 F	T65	C	C 60	D 150 M D 150 MZ
	PTH 80N				B/A	C 95	
	PTH 100				A	C 60	
	PTH 100K				D/C/B/A	C 95	
	PTH 100KKN				A	C 95K	
	PTH 150	FIS 200	DE 200 F		A	C 95	D 200 M/D 200 MZ

* Impiegare solo per acque reflue con solidi in sospensione a pezzatura regolare, quali fanghi di depurazione, liquidi melmosi, liquame suino, ecc..

* Use only for waste water with regular sized suspended solids such as sewage sludge, waste and muddy water in general, muddy liquid, pig slurry, etc..

* Employer seulement avec liquides chargés avec solides en suspension de granulométrie régulière tels que boues d'épuration et liquides boueux en général, lisier de porc, etc..