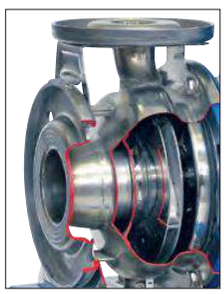
SISTEMA

ELETTROPOMPE CENTRIFUGHE MONOBLOCCO INOX

STAINLESS STEEL MONOBLOCK CENTRIFUGAL PUMPS



APPLICAZIONI

Elettropompe centrifughe, monoblocco e monogirante adatte per il pompaggio di acqua pulita e di altri liquidi chimicamente e meccanicamente non aggressivi; la possibilità di installazione in qualunque posizione, fatta eccezione di quella che comporta la bocca aspirante rivolta verso l'alto. Unitamente alla forma costruttiva, che consente l'estrazione (back pull out) del motore con le parti rotanti della pompa, ed il successivo rimontaggio, senza rimozione del corpo pompa e delle tubazioni ad esso connesse, ne rende agevole e conveniente l'utilizzo per le più svariate esigenze in campo civile, agricolo, industriale o impiantistico in generale. Approvvigionamenti d'acqua, irrigazioni a pioggia o a scorrimento, alimentazioni autoclavi e sopraelevazioni di pressione, riscaldamento e condizionamento, qualsiasi altro impiego che comporta il travaso di liquidi puliti in genere.

APPLICATION

Centrifugal, monoblock and single-impeller electrical pumps are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. These system can be installed in any position, provided the inlet opening faces upwards, and, thanks to their special design - which allows back pull out of the motor and the rotary parts of the pump and subsequent re-assembly without having to remove the pump body and the pipes connected to it - can be easily and conveniently used for a wide variety of applications in civil, agricultural, industrial or general plant uses. Water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and any other general service requiring transfer of clean liquids.

LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C
  (per un uso domestico secondo EN 60335-2-41)
  Temperatura max. liquido: 90°C (per altri impieghi)
- Temperatura ambiente fino a 40°C
- Altezza d'aspirazione manometrica fino a 7 mt.
- Servizio continuo

OPERATING CONDITIONS

- Liquid temperature up to 35°C
  (for home use according to EN 60335-2-41)
  Temperature max. liquid: 90°C (for other uses)
- Ambient temperature up to 40°C
- Total suction lift up to 7 mt.
- Continuous duty

MOTORE

- Trifase 230/400V-50Hz P2 ≤ 7,5 kW
- Trifase 400/690V-50Hz P2 > 7,5 kW
- Motore elettrico ad induzione a 2 poli (n = 2850 min^{-1})
- Isolamento Classe F
- Protezione IP 55

MOTOR

- Three-phase 230/400V-50Hz P2 ≤ 7,5 kW
- Three-phase 400/690V-50Hz P2 > 7,5 kW
- Two-Pole induction motor (n = 2850 min^{-1})
- Insulation Class F
- Protection IP 55

MATERIALI

- Corpo pompa	Acciaio Inox AISI 304
- Flangia portatenuta	Acciaio Inox AISI 304
- Girante	Acciaio Inox AISI 304
- Albero motore	Acciaio Inox AISI 304
- Tenute meccaniche	Ceramica/Grafite/NBR

MATERIALS

- Pump body	Stainless Steel AISI 304
- Pump flange	Stainless Steel AISI 304
- Impeller	Stainless Steel AISI 304
- Shaft with rotor	Stainless Steel AISI 304
- Mechanical seal	Ceramic/Graphite/NBR

TNX - 50 HZ - 3 PHASE

TIPO TYPE	POTENZA NOMINALE *NOMINAL POWER*		POTENZA ASSORBITA *INPUT POWER*	AMPERE	Q = PORTATA- CAPACITY									
Trifase Three-phase	P2		P1	Trifase Three-phase	m^3/h	3	6	9	12	15	18	21	24	30	36
	HP	kW	kW		lt/1'	50	100	150	200	250	300	350	400	500	600
					Prevalenza manometrica totale in m.C.A.- Total head in meters w.c.										
TNXt 32-160/1,5	2	1,5	2,1	4,1	H (m)	26	25,3	24,5	23,5	22,5	21	19	16		
TNXt 32-160/2,2	3	2,2	2,8	5		30	29	28	27	26	24,5	22	19		
TNXt 32-200/3	4	3	4	6,3		36,5	36	35,5	35	34	33	31,5	29	23,5	
TNXt 32-200/4	5,5	4	6	9,3		51	50	49	48	47	46	45	43,5	40	
TNXt 32-200/5,5	7,5	5,5	8,3	13,3		58,5	57	55,5	54	52	50	48,5	47	44,5	40

TNX - 50 HZ - 3 PHASE

TIPO TYPE	POTENZA NOMINALE *NOMINAL POWER*		POTENZA ASSORBITA *INPUT POWER*	AMPERE	Q = PORTATA- CAPACITY										
Trifase Three-phase	P2		P1	Trifase Three-phase	m^3/h	6	12	18	24	30	36	42	48	54	60	66
	HP	kW	kW		lt/1'	100	200	300	400	500	600	700	800	900	1000	1100
					Prevalenza manometrica totale in m.C.A.- Total head in meters w.c.											
TNXt 40-125/2,2	3	2,2	2,8	5,1	H (m)	21,5	21,1	20,5	19,5	18	16					
TNXt 40-125/3	4	3	3,7	6		26,5	26,1	25,5	24,5	23,5	22	20				
TNXt 40-160/4	5,5	4	5,4	8,5		32	31	30	28,8	28	27	26	23			
TNXt 40-200/5,5	7,5	5,5	7,7	12,4		43	42,5	41,8	41	40	39	37,8	36,5	35		
TNXt 40-200/7,5	10	7,5	10,5	16,5		53,5	52,8	52,1	51,5	50,5	49,5	48,5	47	45	43	
TNXt 40-200/11	15	11	15	23,6		65	64,8	64,6	64,4	63,5	62,5	61	59	57	55	53

TNX - 50 HZ - 3 PHASE

TIPO TYPE	POTENZA NOMINALE *NOMINAL POWER*		POTENZA ASSORBITA *INPUT POWER*	AMPERE	Q = PORTATA- CAPACITY										
Trifase Three-phase	P2		P1	Trifase Three-phase	m^3/h	6	12	18	30	36	42	54	60	66	72	78
	HP	kW	kW		lt/1'	100	200	300	500	600	700	900	1000	1100	1200	1300
					Prevalenza manometrica totale in m.C.A.- Total head in meters w.c.											
TNXt 50-125/4	5,5	4	4,8	7,5	H (m)	27	26,8	26,6	25,5	24,5	23,5	21	19	17		
TNXt 50-200/7,5	10	7,5	8,8	14,2		40,5	40,4	40,2	39,3	38,5	37	34	32,5	31	29	
TNXt 50-200/11	15	11	14	22,2		55	54,8	54,6	53,8	52,8	51,5	48,5	47	44	38	
TNXt 50-200/15	20	15	17	27			62	61,8	61,5	61,2	60,4	58	56,5	53	50	
TNXt 50-200/18,5	25	18,5	21	33			70,5	70,3	70	69,8	69	67	65,5	64	62	60

TNX - 50 HZ - 3 PHASE

TIPO TYPE	POTENZA NOMINALE *NOMINAL POWER*		POTENZA ASSORBITA *INPUT POWER*	AMPERE	Q = PORTATA- CAPACITY										
Trifase Three-phase	P2		P1	Trifase Three-phase	m^3/h	24	36	48	60	72	84	96	108	120	132	144
	HP	kW	kW		lt/1'	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400
					Prevalenza manometrica totale in m.C.A.- Total head in meters w.c.											
TNXt 65-125/7,5	10	7,5	8,3	13,3	H (m)	26,5	26	25,4	24,5	23,3	21,5	20	18	15,5		
TNXt 65-160/11	15	11	12,7	20,5		35	34,5	33,5	32,5	31,5	30	28,5	26,5	24,5	22	
TNXt 65-160/15	20	15	16,5	26,2		42,5	42,2	41,8	41	39,8	38,2	37	35,5	34	31	
TNXt 65-200/18,5	25	18,5	21	33		52	51,5	50,5	49,5	48,5	47,5	46	44,5	42,5	39,5	35,5

TNX - 50 HZ - 3 PHASE

TIPO TYPE	POTENZA NOMINALE *NOMINAL POWER*		POTENZA ASSORBITA *INPUT POWER*	AMPERE	Q = PORTATA- CAPACITY										
Trifase Three-phase	P2		P1	Trifase Three-phase	m^3/h	60	72	84	108	132	156	168	180	195	210	225
	HP	kW	kW		lt/1'	1000	1200	1400	1800	2200	2600	2800	3000	3250	3500	3750
					Prevalenza manometrica totale in m.C.A.- Total head in meters w.c.											
TNXt 80-160/11	15	11	12	19	H (m)	26	25,5	25	22,8	20	17	15,5	14	11		
TNXt 80-160/15	20	15	16	26		33	32,5	31	29,5	27	24	22,5	21	18,5	15,5	
TNXt 80-160/18,5	25	18,5	20	32		37,5	37,2	36,8	35	33	30,5	29	27	25	22	
TNXt 80-200/22	30	22,5	25	39		43,5	43	42,5	41	39	36	34,5	33	30,5	27	23,5

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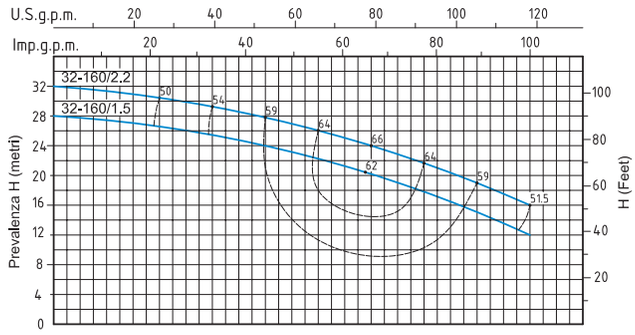

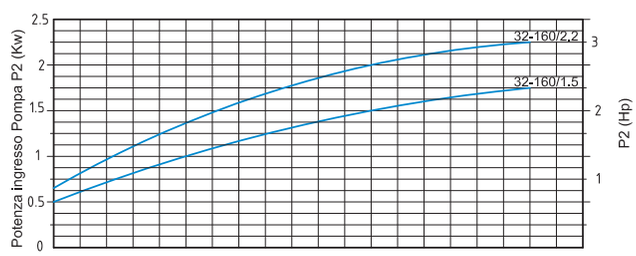

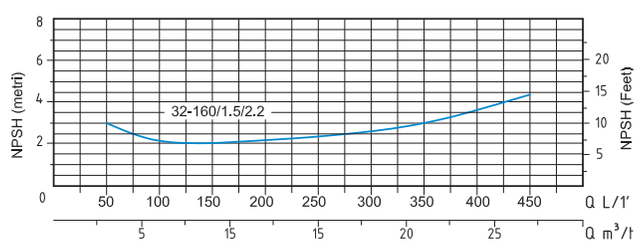

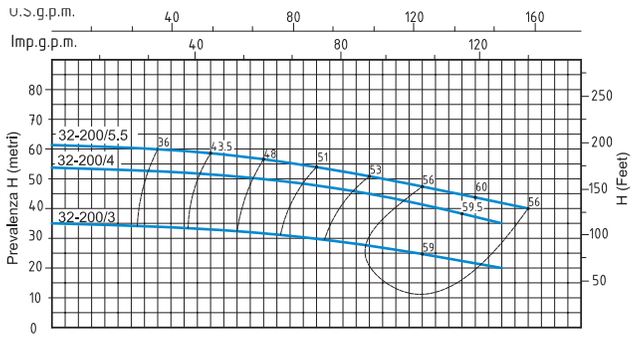

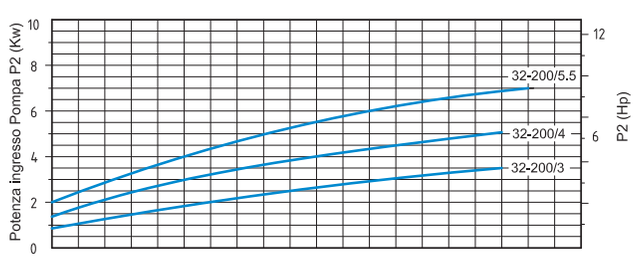

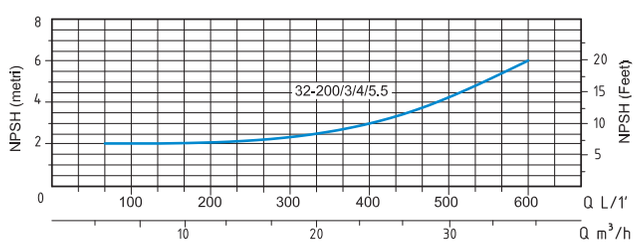

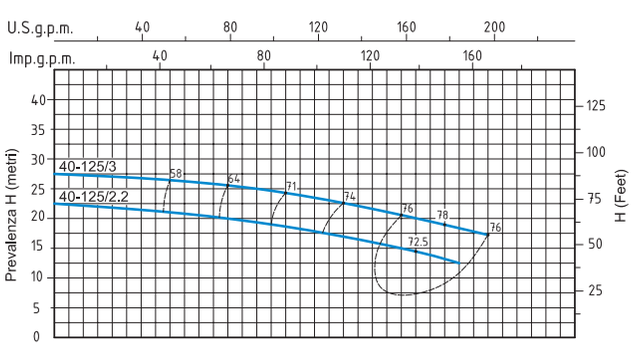

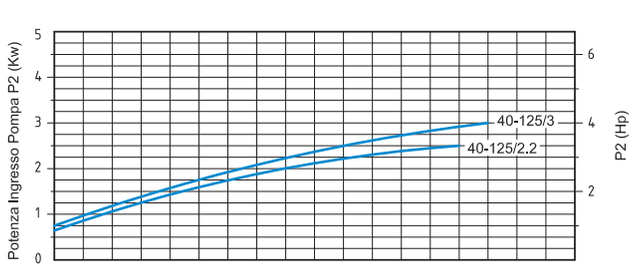

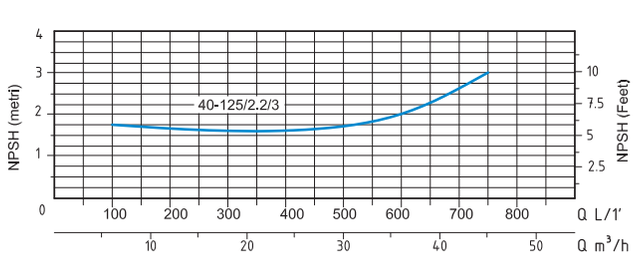

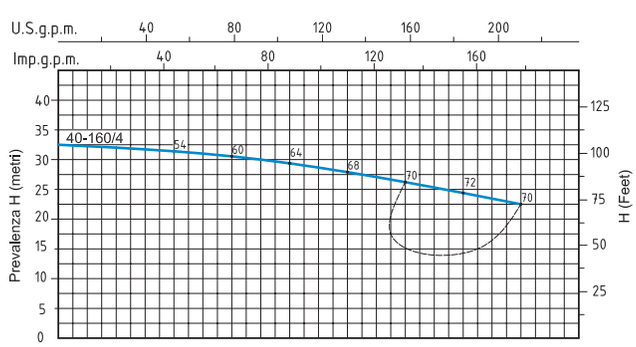

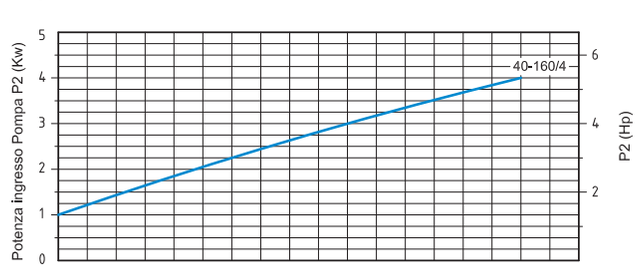

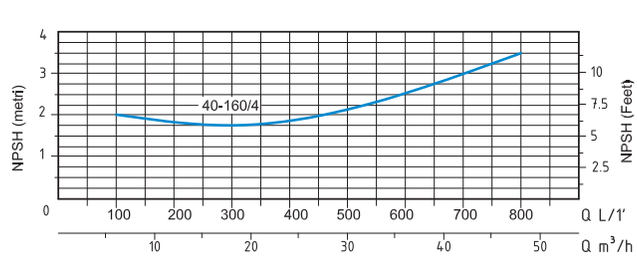

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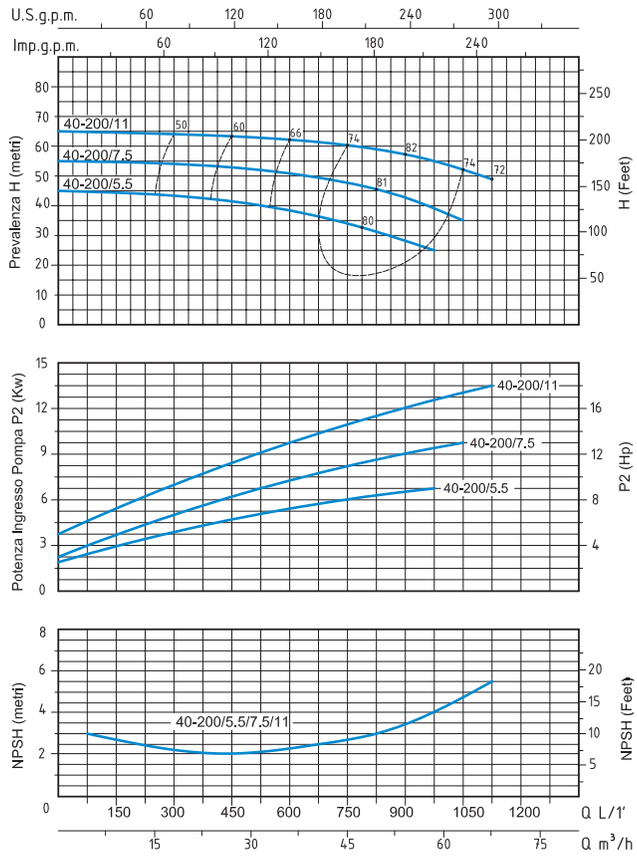

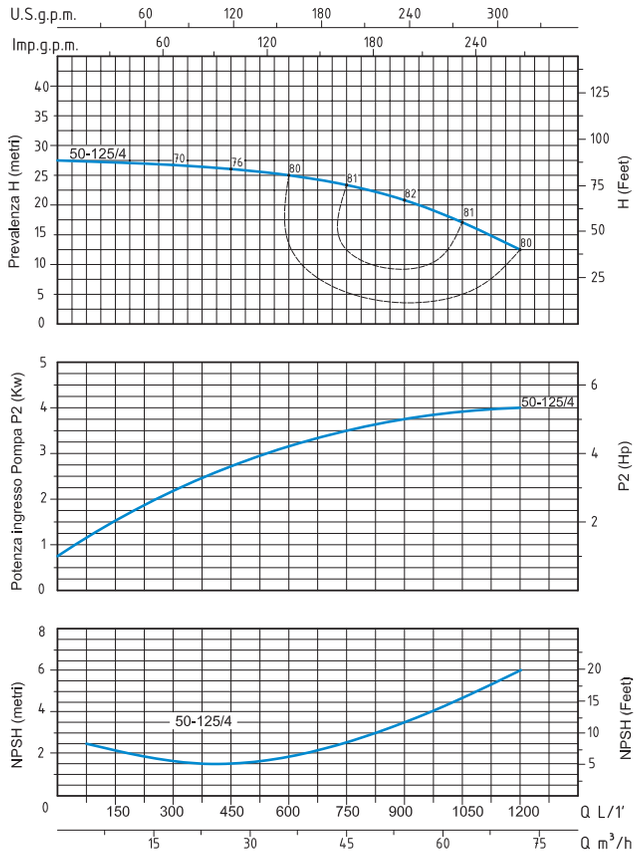

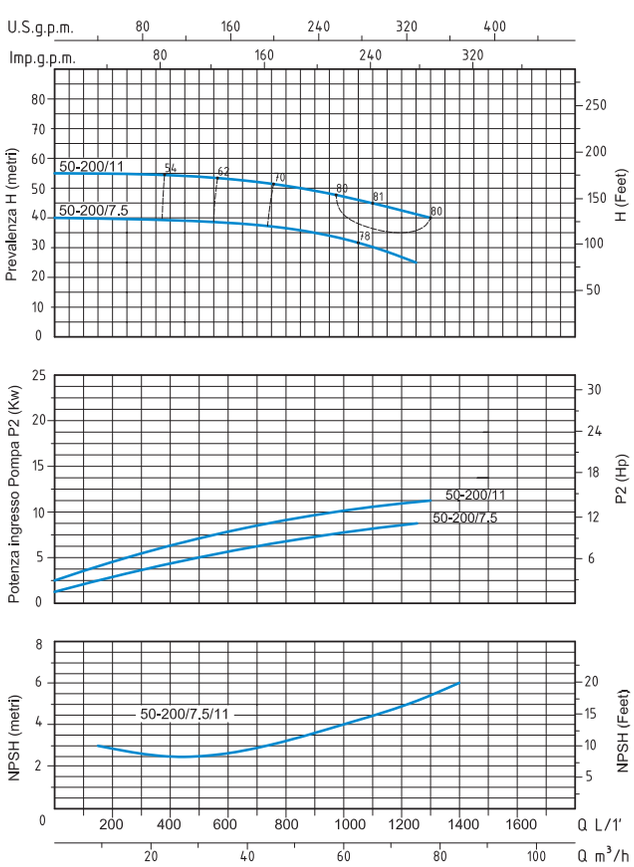

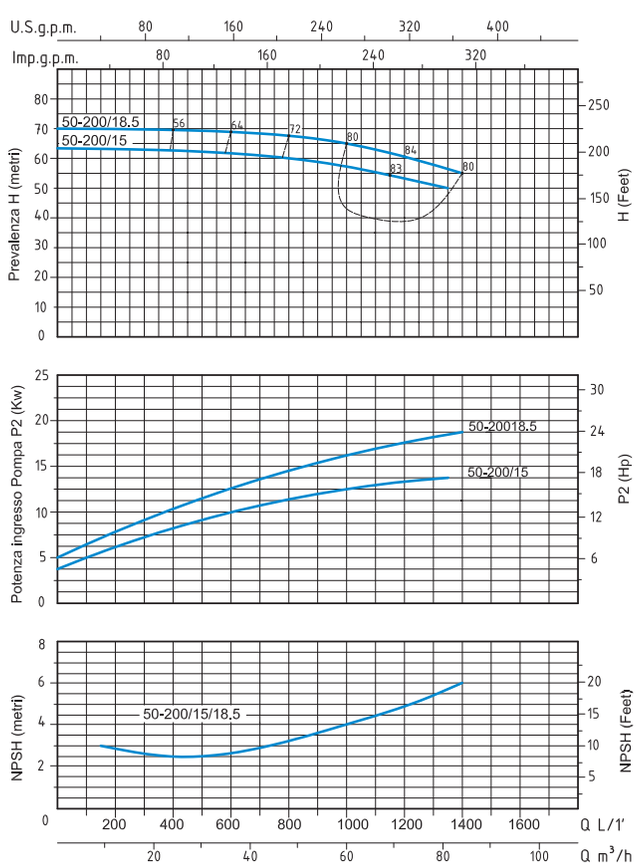

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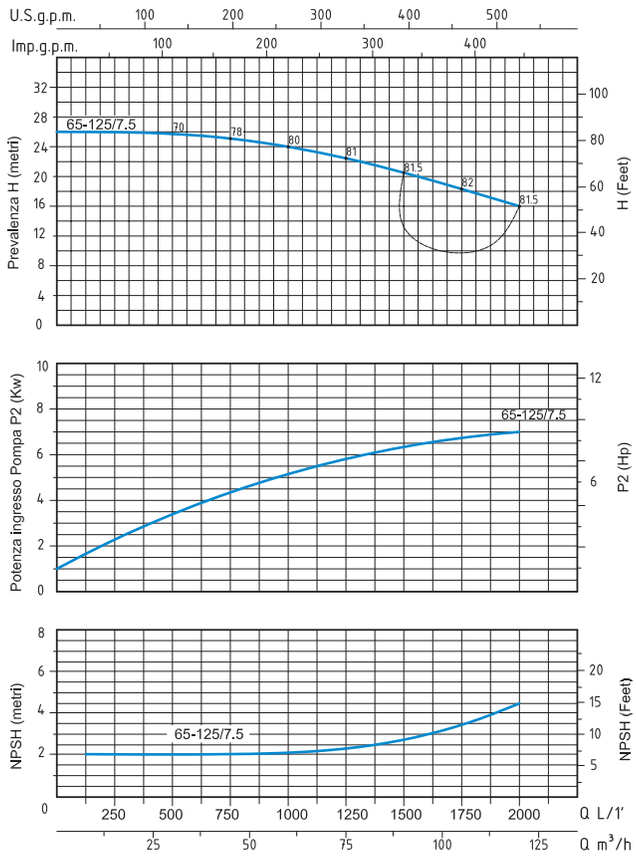

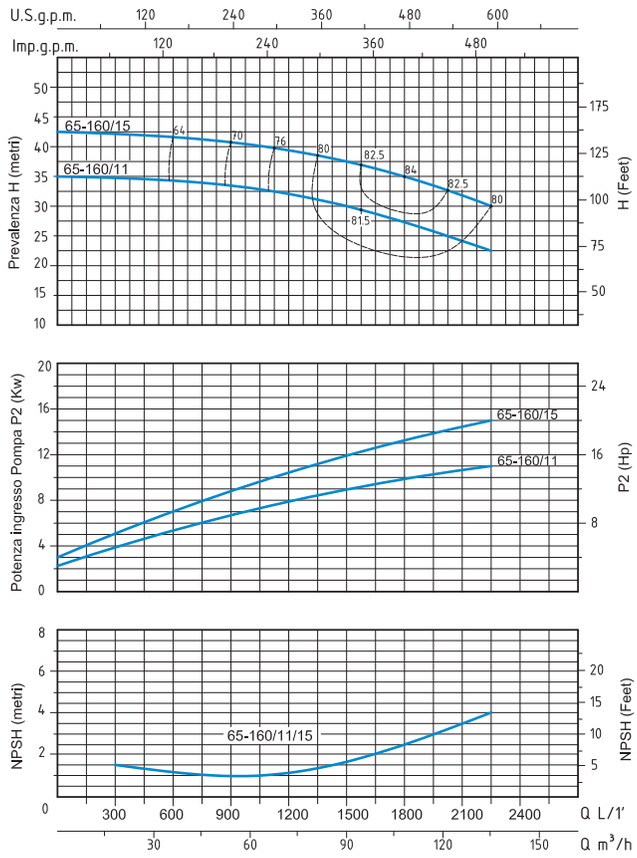

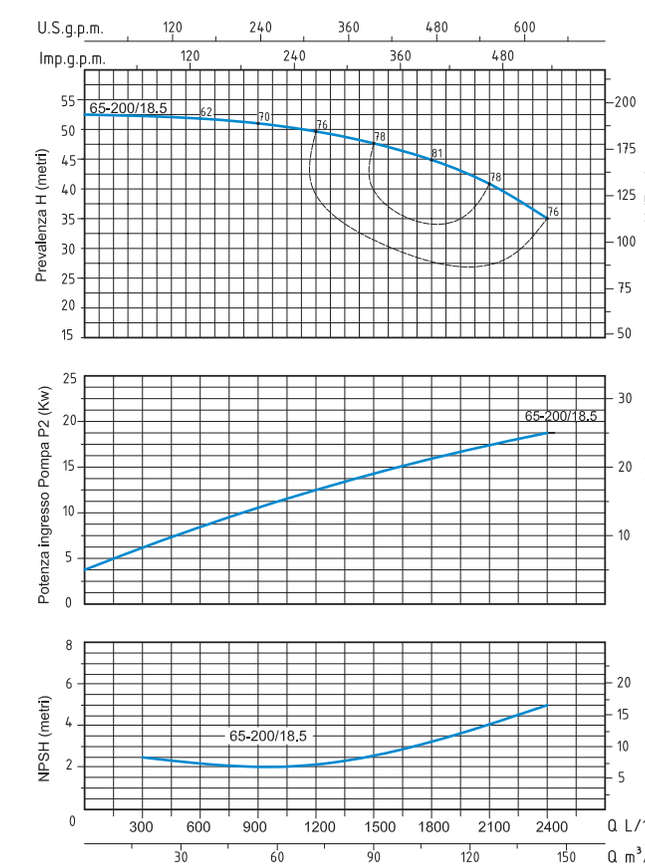

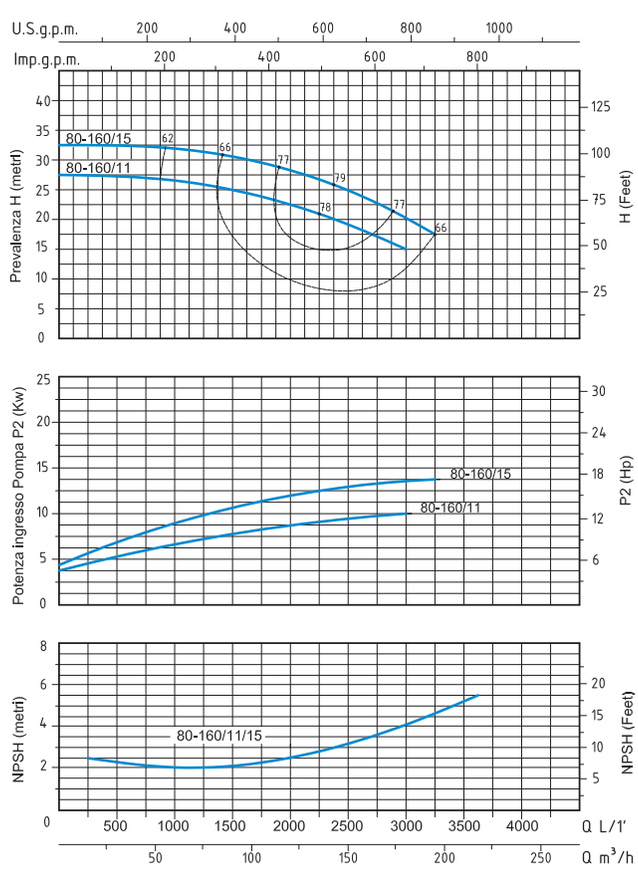

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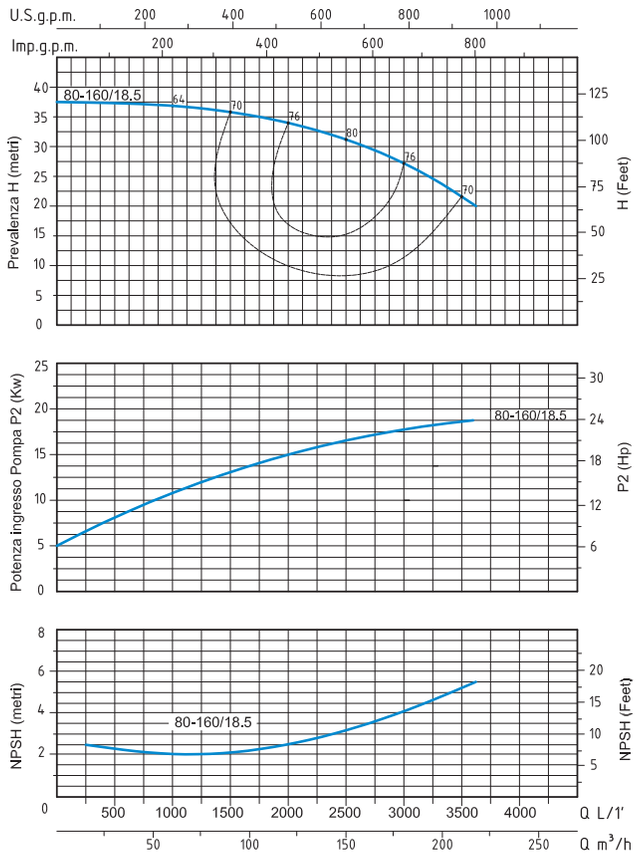

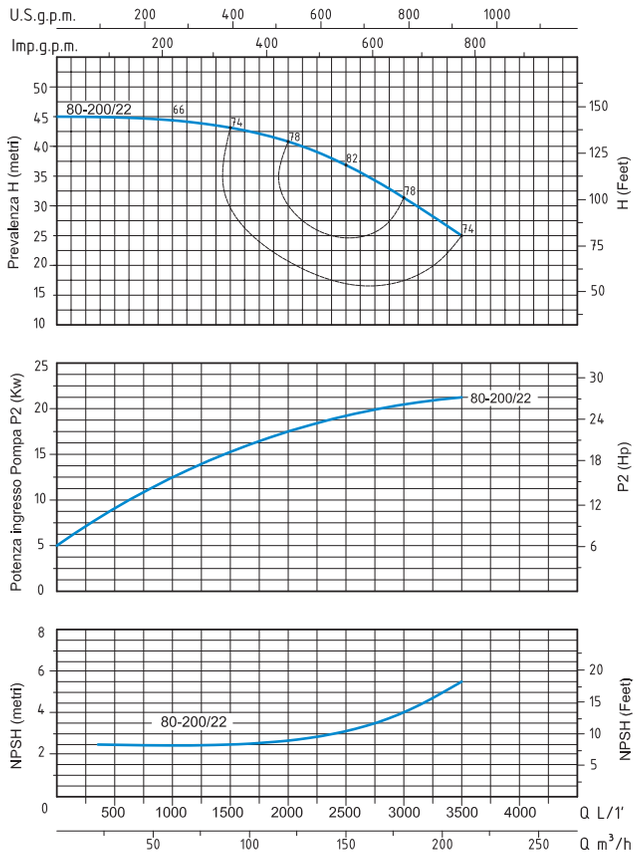

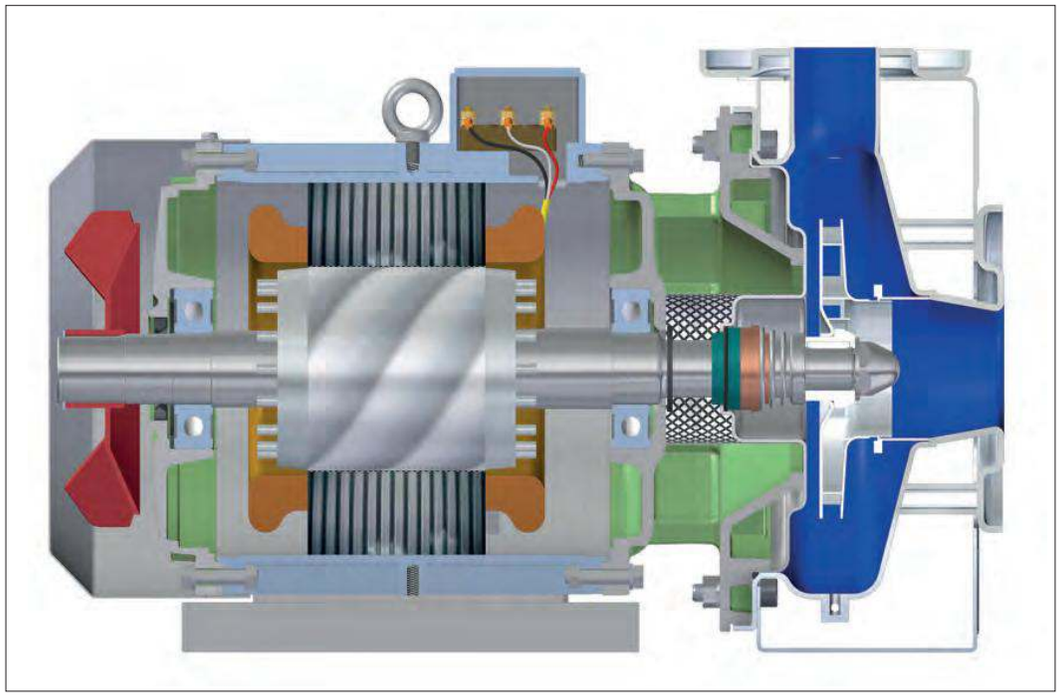

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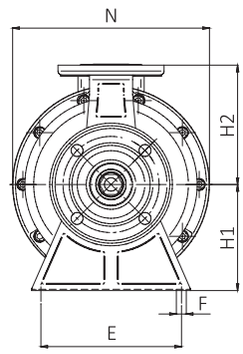
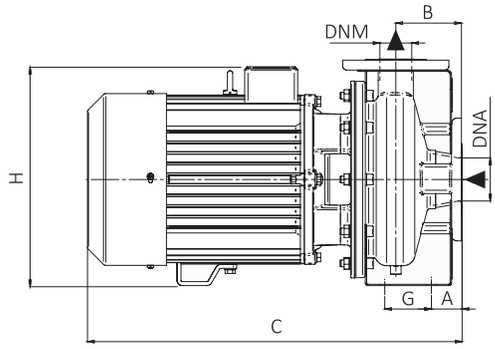
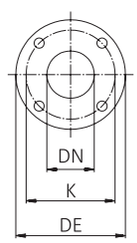




Flange
Flanges



DIMENSIONS mm				
DN	DE	K	Fori - Holes	
			n°	Ø
65	185	145	4	18
80	200	160	8	18

TNX - 50 HZ - 3 PHASE

TIPO TYPE	DIMENSIONI mm- DIMENSIONS mm												DIMENSIONI *DIMENSIONS* mm			PESO *WEIGHT*
Trifase Three-phase	A	B	C	E	F	G	H	H1	H2	N	DNA	DNM	P	L	H	Kg
TNXt 32-160/1,5	34	79,5	440	160	15	70	260	112	140	213	50	32	250	475	335	23,1
TNXt 32-160/2,2	34	79,5	440	160	15	70	260	112	140	213	50	32	250	475	335	26,1
TNXt 32-200/3	34	82,5	482	212	15	70	346,5	160	186,5	297	50	32	340	620	485	40,7
TNXt 32-200/4	34	82,5	510	212	15	70	346,5	160	186,5	297	50	32	340	620	485	50,2
TNXt 32-200/5,5	34	82,5	540	212	15	70	350	160	186,5	297	50	32	340	620	485	67,7

TNX - 50 HZ - 3 PHASE

TIPO TYPE	DIMENSIONI mm- DIMENSIONS mm												DIMENSIONI *DIMENSIONS* mm			PESO *WEIGHT*
Trifase Three-phase	A	B	C	E	F	G	H	H1	H2	N	DNA	DNM	P	L	H	Kg
TNXt 40-125/2,2	34	79	441	160	15	70	255	112	142	213	65	40	250	475	335	25,6
TNXt 40-125/3	34	79	478	160	15	70	255	112	142	213	65	40	270	540	430	32,9
TNXt 40-160/4	34	79	501	160	15	70	280	112	142	230	65	40	270	540	430	37,9
TNXt 40-200/5,5	46,5	98,5	565	212	15	70	345	160	183,5	297	65	40	340	620	485	62,2
TNXt 40-200/7,5	46,5	98,5	565	212	15	70	345	160	183,5	297	65	40	340	620	485	66,7
TNXt 40-200/11	46,5	98,5	705	212	15	70	410	160	183,5	315	65	40	372	805	550	103,3

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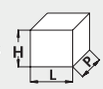
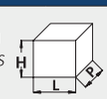
روبروی پالایشگاه نفت پارس، پلاک ۱۲

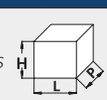
TNX - 50 HZ - 3 PHASE

TIPO TYPE	DIMENSIONI mm- DIMENSIONS mm												DIMENSIONI *DIMENSIONS* mm 			PESO *WEIGHT*
Trifase Three-phase	A	B	C	E	F	G	H	H1	H2	N	DNA	DNM	P	L	H	Kg
TNXt 50-125/4	41,5	84,5	520	212	15	70	300	132	164,5	254	65	50	340	620	485	45,2
TNXt 50-200/7,5	46,5	99	565	212	15	70	350	160	180	297	65	50	340	620	485	66,7
TNXt 50-200/11	46,5	99	706	212	15	70	410	160	180	315	65	50	372	805	550	102,8
TNXt 50-200/15	46,5	99	706	212	15	70	410	160	180	315	65	50	372	805	550	111,3
TNXt 50-200/18,5	46,5	99	751	212	15	70	410	160	180	315	65	50	372	805	550	124,3

TNX - 50 HZ - 3 PHASE

TIPO TYPE	DIMENSIONI mm- DIMENSIONS mm												DIMENSIONI *DIMENSIONS* mm 			PESO *WEIGHT*
Trifase Three-phase	A	B	C	E	F	G	H	H1	H2	N	DNA	DNM	P	L	H	Kg
TNXt 65-125/7,5	52,5	100	570	212	15	95	350	160	180	283	80	65	340	620	485	63,7
TNXt 65-160/11	52,5	100	714	212	15	95	410	160	200	315	80	65	372	805	550	103,3
TNXt 65-160/15	52,5	100	714	212	15	95	410	160	200	315	80	65	372	805	550	112,8
TNXt 65-200/18,5	52,5	100	760	250	15	95	430	180	225	333	80	65	372	805	550	129,8

TNX - 50 HZ - 3 PHASE

TIPO TYPE	DIMENSIONI mm- DIMENSIONS mm												DIMENSIONI *DIMENSIONS* mm 			PESO *WEIGHT*
Trifase Three-phase	A	B	C	E	F	G	H	H1	H2	N	DNA	DNM	P	L	H	Kg
TNXt 80-160/11	77,5	125	743	250	15	95	430	180	225	333	100	80	372	805	550	105,3
TNXt 80-160/15	77,5	125	743	250	15	95	430	180	225	333	100	80	372	805	550	113,8
TNXt 80-160/18,5	77,5	125	790	250	15	95	430	180	225	333	100	80	395	865	561	125,7
TNXt 80-200/22	77,5	125	830	280	15	95	445	180	250	360	100	80	395	865	561	118,2

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