

INDUSTRIAL LINE

MODELLO IDP VT ... MODEL IDP VT ...



Modelli ... 6/110T - ... 10/700T
Models ... 6/110T - ... 10/700T



Modelli ... 65/40 ...
Models ... 65/40 ...



Modelli ... 80/60 ...
Models ... 80/60 ...

Dati Tecnici Elettropompa

Caratteristiche di utilizzo

- Massima temperatura dell'acqua pompata 80 °C
- Servizio continuo S1
- Classe energetica IE2

- Grado di protezione IP 54
- Poli 2
- Classe d'isolamento F
- Frequenza 50 Hz

Caratteristiche costruttive

- Motore asincrono con rotore in corto circuito
- Ventilazione esterna

Materiali Elettropompa

COMPONENTE	MATERIALE DA ...6/110T A ... 10/700T	MATERIALE MOD. 65-40	MOD. 80-60
Corpo aspirante e mandata	Ghisa meccanica EN GJL-200	Ghisa	Ghisa
Involucro pompa, tiranti e bulloneria	Acciaio inossidabile AISI304	Acciaio inossidabile AISI304	Ghisa
Albero	Acciaio inossidabile AISI420B	Acciaio inossidabile AISI420B	Acciaio
Giranti e diffusori	NorylR rinforzato con fibra di vetro, certificato per acque potabili	Resina termoplastica	Ghisa
Giunto	Ghisa meccanica EN GJL-200	Ghisa	Ghisa
Cuscinetto	Bronzo autolubrificante	Bronzo autolubrificante	Bronzo
Tenuta meccanica	Grafite e allumina	Grafite e ceramica	PTFE (treccia premistoppa)

Electro pump technical data

Application features

- Maximum temperature of the water pumped 80 °C
- Continuous duty S1
- Energy efficiency class IE2

- Degree of protection IP 54
- Poles 2
- Insulation class F
- Frequency 50 Hz

Construction

- Asynchronous motor with short circuit rotor
- External ventilation

Materials of the electro pump components

COMPONENTS	MATERIAL FROM ... 6/110T TO ... 10/700T	MATERIAL MOD. 65-40	MOD. 80-60
Suction body and outlet	Mechanical cast iron EN GJL-200	Cast iron	Cast iron
Pump casing, tie rods and bolts	Stainless steel AISI304	Stainless steel AISI304	Cast iron
Shaft	Stainless steel AISI420B	Stainless steel AISI420B	Steel
Impellers and diffusers	NorylR reinforced with fibre-glass, certified for drinkable water	Thermoplastic resin	Cast iron
Coupling	Mechanical cast iron EN GJL-200	Cast iron	Cast iron
Bearing	Self-lubricating bronze	Self-lubricating bronze	Bronze
Mechanical seal	Graphite and alumina	Graphite and ceramic	PTFE (stuffing-box packing)

IDP ... VT2E

Gruppi di pressurizzazione INDUSTRIAL composti da 2 Elettropompe multistadio verticali con componenti interni in noryl/ghisa, disponibili nelle versioni Idropress PRE – Idropress VAR – FLUIVAR - ECOVAR.

INDUSTRIAL pressurization units composed by 2 electro pumps multi stage with noryl/cast iron internal components, available in the following versions: Idropress PRE – Idropress VAR – FLUIVAR - ECOVAR

PRESTAZIONI IDRAULICHE HYDRAULICH PERFORMANCES



MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE																TIPO DI AVVIAMENTO KIND OF START						
		mc/h l/min	0	3,6	4,8	6	8,4	12	14,4	16,8	19,2	22,8	25,2	27,6	31,2	36	39,6	PRE	VAR	FLUIVAR			ECOVAR	
IDP...	kW	0	60	80	100	140	200	240	280	320	380	420	460	520	600	660	fixed speed	variable speed	MM	MT	TT	MM	MT	TT
...VT2E10 6/110T	2x0,75	H	54	50	47	44	37	23	11								●	●	●	●		●	●	
...VT2E10 6/110M	2x0,75	H	54	50	47	44	37	23	11								●	●	●	●		●	●	
...VT2E15 9/110T	2x1,1	H	80	72	69	65	55	33	16								●	●	●	●		●	●	
...VT2E15 9/110M	2x1,1	H	80	72	69	65	55	33	16								●	●	●	●		●	●	
...VT2E20 12/110T	2x1,5	H	105	95	91	85	71	44	21								●	●	●	●		●	●	
...VT2E20 12/110M	2x1,5	H	105	95	91	85	71	44	21								●	●	●	●		●	●	
...VT2E30 8/230T	2x2,2	mca	75			73	70	65	60	55	49	38	29	20			●	●	●	●		●	●	
...VT2E30 8/230M	2x2,2	mca	75			73	70	65	60	55	49	38	29	20			●	●	●	●		●	●	
...VT2E40 11/230T	2x3	mca	103			100	97	91	85	78	70	56	46	33			●	●	●	●		●	●	
...VT2E55 14/230T	2x5,5	mca	138			134	130	122	115	104	93	74	59	43			●	●	●	●		●	●	
...VT2E40 7/330T	2x3	mca	68					61	59	57	55	52	49	45	39	29	20	●	●	●	●		●	●
...VT2E55 10/330T	2x4	mca	102					94	91	88	84	77	72	66	57	42	29	●	●	●	●		●	●
...VT2E75 14/330T	2x5,5	mca	138					128	124	120	114	103	98	88	75	54	37	●	●	●	●		●	●

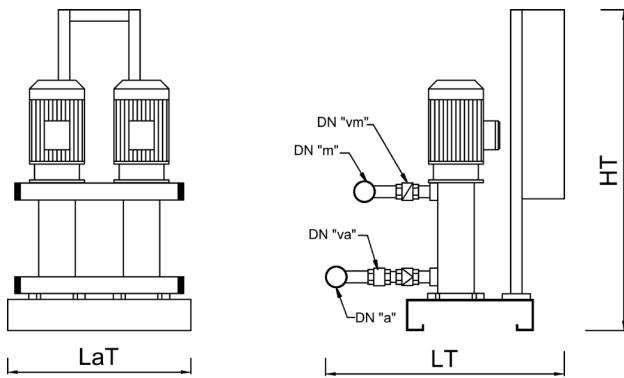
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE																TIPO DI AVVIAMENTO KIND OF START					
		mc/h l/min	0	22,8	27,6	31,2	36	39,6	43,2	48	54	60	66	72	78	84	PRE	VAR	FLUIVAR			ECOVAR	
IDP...	kW	0	380	460	520	600	660	720	800	900	1000	1100	1200	1300	1400	fixed speed	variable speed	MM	MT	TT	MM	MT	TT
...VT2E75 8/530T	2x5,5	H	80		69	67	65	64	61	53	43	33	21			●	●	●	●		●	●	
...VT2E100 11/530T	2x7,5	H	110		95	93	90	87	83	73	60	44	29			●	●	●	●		●	●	
...VT2E125 14/530T	2x9,2	H	139		120	118	114	111	106	94	76	56	37			●	●	●	●		●	●	
...VT2E75 5/700T	2x5,5	mca	68				59	57	55	51	46	41	35	28	21	14	●	●	●	●		●	●
...VT2E100 6/700T	2x7,5	mca	84				68	66	63	59	54	48	42	34	27	17	●	●	●	●		●	●
...VT2E125 8/700T	2x9,2	mca	113				93	91	87	83	76	69	60	50	40	29	●	●	●	●		●	●
...VT2E150 10/700T	2x11	mca	141				116	114	110	104	96	86	75	62	50	36	●	●	●	●		●	●

MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE											TIPO DI AVVIAMENTO KIND OF START							
		mc/h l/min	0	36	48	60	72	78	84	96	108	120	PRE	VAR	FLUIVAR			ECOVAR		
IDP...	kW	0	600	800	1000	1200	1300	1400	1600	1800	2000	fixed speed	variable speed	MM	MT	TT	MM	MT	TT	
...VT2E15 65-40/5T	2x11	H	85	80,5	79	77	73	70	66	58	48	36								●
...VT2E17 65-40/6T	2x13	mca	101	93	90	89	85	82	78	68	56	44								●
...VT2E20 65-40/7T	2x15	mca	115	105	101	99	96	93	88	77	62	46								●

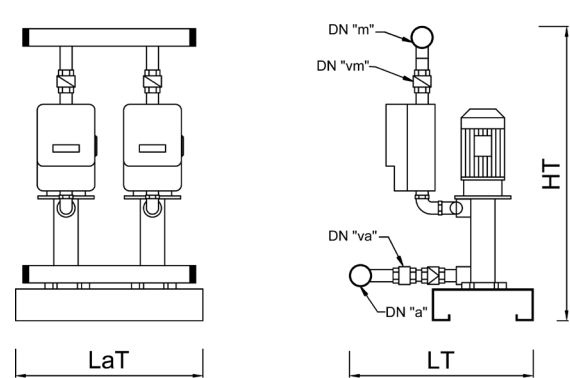
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE										TIPO DI AVVIAMENTO KIND OF START								
		mc/h l/min	0	42	96	108	120	132	144	150	PRE	VAR	FLUIVAR			ECOVAR				
IDP...	kW	0	700	1600	1800	2000	2200	2400	2500	fixed speed	variable speed	MM	MT	TT	MM	MT	TT			
...VT2E25KV80-60/2PT	2x18,5	H	91	89	83	79	76	71	66	62										●
...VT2E30KV80-60/2PT	2x22	mca	108	107	102	99	95	90	84	81										●
...VT2E35KV80-60/2PT	2x26	mca	110	111	106	103	99	95	90,5	88										●

⊗⊗ 2 elettropompe
⊗⊗ 2 electric pumps

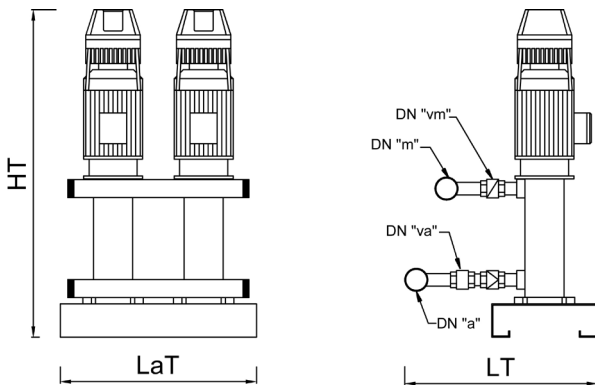
IDROPRESS PRE/VAR



FLUIVAR



ECOVAR



DIMENSIONI (mm) DIMENSIONS (mm)

MODELLO GRUPPO MODEL GROUP	COLLETTORI MANYFOLDS		VALVOLE VALVES		IDROPRESS PRE		IDROPRESS VAR		FLUIVAR			ECOVAR				
	"a"	"m"	"va"	"vm"	LT	HT	LaT	LT	HT	LaT	LT	HT	LaT	LT	HT	LaT
...VT2E10 6/110T	2"	2"	1½"	1½"	778	1110	650	818	1410	650	588	1063	650	588	997	650
...VT2E10 6/110M	2"	2"	1½"	1½"	778	1110	650	818	1410	650	588	1063	650	588	997	650
...VT2E15 9/110T	2"	2"	1½"	1½"	778	1110	650	818	1410	650	588	1153	650	588	1090	650
...VT2E15 9/110M	2"	2"	1½"	1½"	778	1110	650	818	1410	650	588	1153	650	588	1090	650
...VT2E20 12/110T	2"	2"	1½"	1½"	778	1110	650	818	1410	650	588	1243	650	588	1194	650
...VT2E20 12/110M	2½"	2½"	1½"	1½"	778	1110	650	818	1410	650	588	1243	650	588	1194	650
...VT2E30 8/230T	2½"	2½"	1½"	1½"	794	1110	650	834	1410	650	604	1187	650	604	1176	650
...VT2E30 8/230M	2½"	2½"	1½"	1½"	794	1110	650	834	1410	650	604	1187	650	604	1176	650
...VT2E40 11/230T	2½"	2½"	1½"	1½"	794	1110	650	834	1410	650	604	1295	650	604	1286	650
...VT2E55 14/230T	2½"	2½"	1½"	1½"	794	1110	650	834	1410	650	604	1403	650	604	1394	650
...VT2E40 7/330T	3"	3"	1½"	1½"	794	1110	650	834	1410	650	604	1151	650	604	1142	650
...VT2E55 10/330T	3"	3"	1½"	1½"	794	1110	650	834	1410	650	604	1259	650	604	1250	650
...VT2E75 14/330T	3"	3"	1½"	1½"	794	1110	650	834	1410	650	604	1403	650	604	1438	650
...VT2E75 8/530T	3"	3"	2"	2½"	862	1110	750	952	1410	750	-	-	-	672	1359	750
...VT2E100 11/530T	3"	3"	2"	2½"	862	1110	750	952	1410	750	-	-	-	672	1600	750
...VT2E125 14/530T	3"	3"	2"	2½"	862	1110	750	952	1410	750	-	-	-	672	1750	750
...VT2E75 5/700T	100	100	2"	2½"	940	1110	750	980	1410	750	-	-	-	750	1349	750
...VT2E100 6/700T	100	100	2"	2½"	940	1110	750	1030	1410	750	-	-	-	750	1518	750
...VT2E125 8/700T	100	100	2"	2½"	940	1110	750	1030	1410	750	-	-	-	750	1674	750
...VT2E150 10/700T	100	100	2"	2½"	940	1110	750	1030	1410	750	-	-	-	750	1920	750
...VT2E15 65-40/5T	125	125	65	65	1401	1355	1080	1401	1355	1130	-	-	-	1401	1462	750
...VT2E17 65-40/6T	125	125	65	65	1401	1355	1080	1401	1355	1130	-	-	-	1401	1626	750
...VT2E20 65-40/7T	125	125	65	65	1401	1355	1080	1401	1355	1130	-	-	-	1401	1775	750
...VT2E25KV80-60/2PT	125	125	80	80	1421	1355	1080	1421	1355	1130	-	-	-	1421	1470	750
...VT2E30KV80-60/2PT	125	125	80	80	1421	1355	1080	1421	1355	1130	-	-	-	1421	1503	750
...VT2E35KV80-60/2PT	125	125	80	80	1421	1355	1080	1421	1355	1130	-	-	-	-	-	-

IDP ... VT3E

Gruppi di pressurizzazione INDUSTRIAL composti da 3 Elettropompe multistadio verticali con componenti interni in noryl/ghisa, disponibili nelle versioni Idropress PRE – Idropress VAR – FLUIVAR - ECOVAR.

INDUSTRIAL pressurization units composed by 3 electro pumps vertical multi stage with noryl/cast iron internal components , available in the following versions: Idropress PRE – Idropress VAR – FLUIVAR - ECOVAR.

PRESTAZIONI IDRAULICHE HYDRAULICH PERFORMANCES




MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE																	TIPO DI AVVIAMENTO KIND OF START					
		mc/h l/min	0	5,4	7,2	9	12,6	18	21,6	25,2	28,8	34,2	37,8	41,4	46,8	54	59,4	PRE	VAR	FLUIVAR			ECOVAR	
IDP...	kW	0	90	120	150	210	300	360	420	480	570	630	690	780	900	990			MM	MT	TT	MM	MT	TT
...VT3E10 6/110T	3x0,75	H	54	50	47	44	37	23	11								●	●	●	●		●	●	
...VT3E10 6/110M	3x0,75	H	54	50	47	44	37	23	11								●	●	●	●		●	●	
...VT3E15 9/110T	3x1,1	H	80	72	69	65	55	33	16								●	●	●	●		●	●	
...VT3E15 9/110M	3x1,1	H	80	72	69	65	55	33	16								●	●	●	●		●	●	
...VT3E20 12/110T	3x1,5	H	105	95	91	85	71	44	21								●	●	●	●		●	●	
...VT3E20 12/110M	3x1,5	H	105	95	91	85	71	44	21								●	●	●	●		●	●	
...VT3E30 8/230T	3x2,2	mca	75			73	70	65	60	55	49	38	29	20			●	●	●	●		●	●	
...VT3E30 8/230M	3x2,2	mca	75			73	70	65	60	55	49	38	29	20			●	●	●	●		●	●	
...VT3E40 11/230T	3x3	mca	103			100	97	91	85	78	70	56	46	33			●	●	●	●		●	●	
...VT3E55 14/230T	3x5,5	mca	138			134	130	122	115	104	93	74	59	43			●	●	●	●		●	●	
...VT3E40 7/330T	3x3	mca	68					61	59	57	55	52	49	45	39	29	20	●	●	●	●		●	●
...VT3E55 10/330T	3x4	mca	102					94	91	88	84	77	72	66	57	42	29	●	●	●	●		●	●
...VT3E75 14/330T	3x5,5	mca	138					128	124	120	114	103	98	88	75	54	37	●	●	●	●		●	●

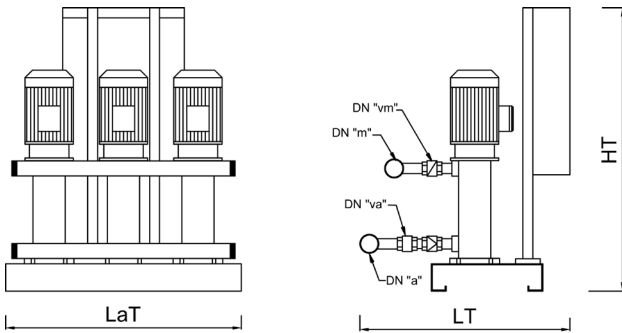
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE																	TIPO DI AVVIAMENTO KIND OF START				
		mc/h l/min	0	34,2	41,4	46,8	54	59,4	64,8	72	81	90	99	108	117	126	PRE	VAR	FLUIVAR			ECOVAR	
IDP...	kW	0	570	690	780	900	990	1080	1200	1350	1500	1650	1800	1950	2100			MM	MT	TT	MM	MT	TT
...VT3E75 8/530T	3x5,5	H	80		69	67	65	64	61	53	43	33	21			●	●						●
...VT3E100 11/530T	3x7,5	H	110		95	93	90	87	83	73	60	44	29			●	●						●
...VT3E125 14/530T	3x9,2	H	139		120	118	114	111	106	94	76	56	37			●	●						●
...VT3E75 5/700T	3x5,5	mca	68				59	57	55	51	46	41	35	28	21	14	●	●					●
...VT3E100 6/700T	3x7,5	mca	84				68	66	63	59	54	48	42	34	27	17	●	●					●
...VT3E125 8/700T	3x9,2	mca	113				93	91	87	83	76	69	60	50	40	29	●	●					●
...VT3E150 10/700T	3x11	mca	141				116	114	110	104	96	86	75	62	50	36	●	●					●

MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE											TIPO DI AVVIAMENTO KIND OF START						
		mc/h l/min	0	54	72	90	108	117	126	144	162	180	PRE	VAR	FLUIVAR			ECOVAR	
IDP...	kW	0	900	1200	1500	1800	1950	2100	2400	2700	3000			MM	MT	TT	MM	MT	TT
...VT3E15 65-40/5T	3x11	H	85	80,5	79	77	73	70	66	58	48	36							●
...VT3E17 65-40/6T	3x13	mca	101	93	90	89	85	82	78	68	56	44							●
...VT3E20 65-40/7T	3x15	mca	115	105	101	99	96	93	88	77	62	46							●

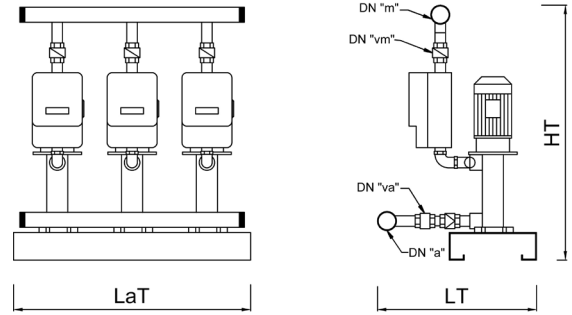
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE									TIPO DI AVVIAMENTO KIND OF START								
		mc/h l/min	0	63	144	162	180	198	216	225	PRE	VAR	FLUIVAR			ECOVAR			
IDP...	kW	0	1050	2400	2700	3000	3300	3600	3750			MM	MT	TT	MM	MT	TT		
...VT3E25KV80-60/2PT	3x18,5	H	91	89	83	79	76	71	66	62									●
...VT3E30KV80-60/2PT	3x22	mca	108	107	102	99	95	90	84	81									●
...VT3E35KV80-60/2PT	3x26	mca	110	111	106	103	99	95	90,5	88									●

 3 elettropompe
 3 electric pumps

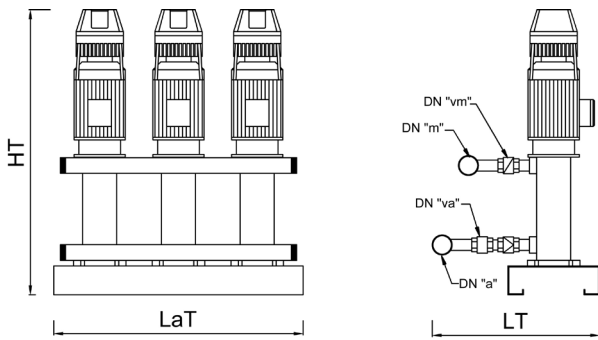
IDROPRESS PRE/VAR



FLUIVAR



ECOVAR



DIMENSIONI (mm) DIMENSIONS (mm)

MODELLO GRUPPO MODEL GROUP	COLLETTORI MANYFOLDS		VALVOLE VALVES		IDROPRESS PRE			IDROPRESS VAR			FLUIVAR			ECOVAR		
	"a"	"m"	"va"	"vm"	LT	HT	LaT	LT	HT	LaT	LT	HT	LaT	LT	HT	LaT
...VT3E10 6/110T	2½"	2½"	1½"	1½"	794	1110	950	834	1410	950	604	1063	950	604	997	650
...VT3E10 6/110M	2½"	2½"	1½"	1½"	794	1110	950	834	1410	950	604	1063	950	604	997	650
...VT3E15 9/110T	2½"	2½"	1½"	1½"	794	1110	950	834	1410	950	604	1153	950	604	1090	650
...VT3E15 9/110M	2½"	2½"	1½"	1½"	794	1110	950	834	1410	950	604	1153	950	604	1090	650
...VT3E20 12/110T	2½"	2½"	1½"	1½"	794	1110	950	834	1410	950	604	1243	950	604	1194	650
...VT3E20 12/110M	2½"	2½"	1½"	1½"	794	1110	950	834	1410	950	604	1243	950	604	1194	650
...VT3E30 8/230T	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1187	950	617	1176	650
...VT3E30 8/230M	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1187	950	617	1176	650
...VT3E40 11/230T	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1295	950	617	1286	650
...VT3E55 14/230T	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1403	950	617	1394	650
...VT3E40 7/330T	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1151	950	617	1142	650
...VT3E55 10/330T	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1259	950	617	1250	650
...VT3E75 14/330T	3"	3"	1½"	1½"	807	1110	950	847	1410	950	617	1403	950	617	1438	650
...VT3E75 8/530T	100	100	2"	2½"	940	1110	1150	980	1410	1150	-	-	-	750	1359	750
...VT3E100 11/530T	100	100	2"	2½"	940	1110	1150	1030	1410	1150	-	-	-	750	1600	750
...VT3E125 14/530T	100	100	2"	2½"	940	1110	1150	1030	1410	1150	-	-	-	750	1750	750
...VT3E75 5/700T	125	125	2"	2½"	968	1110	1150	1008	1410	1150	-	-	-	778	1349	750
...VT3E100 6/700T	125	125	2"	2½"	968	1110	1150	1058	1410	1150	-	-	-	778	1518	750
...VT3E125 8/700T	125	125	2"	2½"	968	1110	1150	1058	1410	1150	-	-	-	778	1674	750
...VT3E150 10/700T	150	150	2"	2½"	968	1110	1150	1058	1410	1150	-	-	-	778	1920	750
...VT3E15 65-40/5T	150	150	65	65	1465	1355	1530	1465	1355	1580	-	-	-	1465	1462	750
...VT3E17 65-40/6T	150	150	65	65	1465	1355	1530	1465	1355	1580	-	-	-	1465	1626	750
...VT3E20 65-40/7T	150	150	65	65	1465	1355	1530	1465	1355	1580	-	-	-	1465	1775	750
...VT3E25KV80-60/2PT	150	150	80	80	1465	1355	1530	1465	1355	1580	-	-	-	1465	1470	750
...VT3E30KV80-60/2PT	150	150	80	80	1465	1355	1530	1465	1355	1580	-	-	-	1465	1503	750
...VT3E35KV80-60/2PT	150	150	80	80	1465	1355	1530	1465	1355	1580	-	-	-	-	-	-