

INDUSTRIAL LINE

MODELLO IDX VT ...

MODEL IDX VT ...



Dati Tecnici Elettropompa

Caratteristiche di utilizzo

- Massima temperatura dell'acqua pompata 90 °C
- Servizio continuo S1
- Classe energetica IE2
- Grado di protezione IP 55
- Poli 2
- Tensione Eurotensione
- Frequenza Multifrequenza
- Classe d'isolamento F

Caratteristiche costruttive

- Tenuta Meccanica
- Motore asincrono con rotore in corto circuito
- Ventilazione esterna

Materiali Elettropompa

COMPONENTE	MATERIALE
Albero pompa	Acciaio inox
Anello di tenuta	Gomma EPDM
Camicia esterna	Acciaio inox
Corpo pompa	Acciaio inox
Diffusore	Acciaio inox
Flange ingresso/uscita	Ghisa grigia
Girante	Acciaio inox
Tenuta meccanica	Carburo di silicio
Piastra base	Ghisa grigia
Testata pompa	Acciaio inox

Electricpump technical data

Application features

- Maximum temperature of the water pumped 90 °C
- Continuous duty S1
- Energy efficiency class IE2
- Degree of protection IP 55
- Poles 2
- Voltage Eurovoltage
- Frequency Multi-frequency
- Insulation class F

Construction

- Seal Mechanical
- Asynchronous motor with short circuit rotor
- External ventilation

Materials of the electricpump components

COMPONENTS	MATERIAL
Pump shaft	Stainless steel
Seal ring	Rubber EPDM
Stage casing	Stainless steel
Pump casing	Stainless steel
Diffuser	Stainless steel
Inlet/Outlet Flanges	Cast iron
Impeller	Stainless steel
Mechanical seal	Silicon carbide
Base plate	Cast iron
Pump head	Stainless steel

IDX ... VT2E

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

INDUSTRIAL pressurization units composed by 2 electro pumps multi stage vertical with galvanized steel internal components, available in the following versions: Idropress PRE – Idropress VAR – FLUIVAR - ECOVAR.

PRESTAZIONI IDRAULICHE HYDRAULIC PERFORMANCES



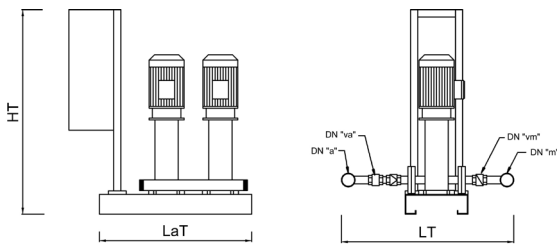
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE														TIPO DI AVVIAMENTO KIND OF START					
		mc/h l/min														vel. fissa fixed speed		velocità variabile variable speed			
IDX ...	kW	0	1,4	2,8	4,4	5,8	7,2	8,6	10	11,6	13	14,4	17,2	PRE	VAR	FLUIVAR			ECOVAR		
		0	24	48	72	96	120	144	168	192	216	240	288			MM	MT	TT	MM	MT	TT
...VT2E 31/7T	2x0,75	45,5	43,5	41	37,5	33,5	27,5	18						●	●	●	●	●	●	●	
...VT2E 31/7M	2x0,75	45,5	43,5	41	37,5	33,5	27,5	18						●	●	●	●	●	●	●	
...VT2E 31/10T	2x0,75	64	61	58	54	47	38,5	25						●	●	●	●	●	●	●	
...VT2E 31/10M	2x0,75	64	61	58	54	47	38,5	25						●	●	●	●	●	●	●	
...VT2E 31/15T	2x1,1	96	92	88	81	71	58	37,5						●	●	●	●	●	●	●	
...VT2E 31/15M	2x1,1	96	92	88	81	71	58	37,5						●	●	●	●	●	●	●	
...VT2E 31/19T	2x1,5	122	116	110	102	89	72	46,5						●	●	●	●	●	●	●	
...VT2E 31/19M	2x1,5	122	116	110	102	89	72	46,5						●	●	●	●	●	●	●	
...VT2E 31/23T	2x2,2	150	144	139	129	115	95	66						●	●	●	●	●	●	●	
...VT2E 31/23M	2x2,2	150	144	139	129	115	95	66						●	●	●	●	●	●	●	
...VT2E 51/8T	2x1,1	55			51	50	48,5	46,5	44	41	37,5	32,5	24	●	●	●	●	●	●	●	
...VT2E 51/8M	2x1,1	55			51	50	48,5	46,5	44	41	37,5	32,5	24	●	●	●	●	●	●	●	
...VT2E 51/10T	2x1,5	68			63	62	60	58	54	50	45,5	40,5	30	●	●	●	●	●	●	●	
...VT2E 51/10M	2x1,5	68			63	62	60	58	54	50	45,5	40,5	30	●	●	●	●	●	●	●	
...VT2E 51/13T	2x2,2	90			85	83	80	78	74	69	63	57	39,5	●	●	●	●	●	●	●	
...VT2E 51/13M	2x2,2	90			85	83	80	78	74	69	63	57	39,5	●	●	●	●	●	●	●	
...VT2E 51/16T	2x2,2	110			103	101	98	95	90	84	77	69	48,5	●	●	●	●	●	●	●	
...VT2E 51/16M	2x2,2	110			103	101	98	95	90	84	77	69	48,5	●	●	●	●	●	●	●	
...VT2E 51/20T	2x3	139			131	129	125	121	115	107	99	89	61	●	●	●	●	●	●	●	

MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE														TIPO DI AVVIAMENTO KIND OF START					
		mc/h l/min														vel. fissa fixed speed		velocità variabile variable speed			
IDX ...	kW	0	10	11,6	13	14,4	17,2	20,2	23	26	28,8	36	43	PRE	VAR	FLUIVAR			ECOVAR		
		0	168	192	216	240	288	336	384	432	480	600	720			MM	MT	TT	MM	MT	TT
...VT2E 101/4T	2x1,5	40	39	39	38,5	37,5	34,5	31	26	20,5				●	●	●	●	●	●	●	
...VT2E 101/4M	2x1,5	40	39	39	38,5	37,5	34,5	31	26	20,5				●	●	●	●	●	●	●	
...VT2E 101/6T	2x2,2	60	60	60	59	58	55	49,5	42,5	33,5				●	●	●	●	●	●	●	
...VT2E 101/6M	2x2,2	60	60	60	59	58	55	49,5	42,5	33,5				●	●	●	●	●	●	●	
...VT2E 101/9T	2x3	91	92	91	90	88	82	74	64	51				●	●	●	●	●	●	●	
...VT2E 101/12T	2x4	121	122	121	120	118	110	99	86	68				●	●	●	●	●	●	●	
...VT2E 101/16T	2x5,5	163	164	163	161	158	149	136	118	94				●	●	●	●	●	●	●	
...VT2E 151/3T	2x3	42			40	41	40,5	40	39	38,5	37	33,5	26	●	●	●	●	●	●	●	
...VT2E 151/5T	2x4	69			67	68	67	66	65	63	62	55	42,5	●	●	●	●	●	●	●	
...VT2E 151/7T	2x5,5	97			94	95	94	93	91	89	87	78	61	●	●	●	●	●	●	●	
...VT2E 151/9T	2x7,5	125			120	122	121	119	117	115	112	102	79	●	●	●	●	●	●	●	

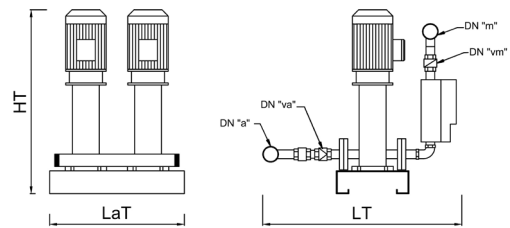
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE														TIPO DI AVVIAMENTO KIND OF START					
		mc/h l/min														vel. fissa fixed speed		velocità variabile variable speed			
IDX ...	kW	0	20,2	23	24,4	26	28,8	36	43	50	58	64	72	PRE	VAR	FLUIVAR			ECOVAR		
		0	336	384	408	432	480	600	720	840	960	1080	1200			MM	MT	TT	MM	MT	TT
...VT2E 201/3T	2x4	45	43	42,5	42	42	41,5	39,5	36	32	24,5			●	●	●	●	●	●	●	
...VT2E 201/5T	2x5,5	75	71	71	70	70	69	65	60	53	41			●	●	●	●	●	●	●	
...VT2E 201/7T	2x7,5	105	100	99	98	98	96	91	84	74	56			●	●	●	●	●	●	●	
...VT2E 201/10T	2x11	150	144	143	142	141	139	132	122	109	84			●	●	●	●	●	●	●	
...VT2E 201/14T	2x15	211	201	200	199	198	195	186	171	153	120			●	●	●	●	●	●	●	
...VT2E 321/3T	2x5,5	56			54	55	54	53	50	47,5	44	39	33	●	●	●	●	●	●	●	
...VT2E 321/4T	2x7,5	75			72	73	72	70	67	64	59	53	44,5	●	●	●	●	●	●	●	
...VT2E 321/6T	2x11	114			109	110	109	106	102	97	90	80	8	●	●	●	●	●	●	●	
...VT2E 321/8T	2x15	152			145	147	146	142	136	130	121	108	92	●	●	●	●	●	●	●	
...VT2E 321/10T	2x18,5	190			181	183	181	176	169	160	148	133	112	●	●	●	●	●	●	●	

⊗ ⊗ 2 elettropompe
⊗ ⊗ 2 electric pumps

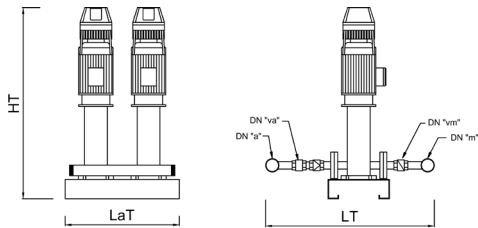
IDROPRESS PRE/VAR



FLUIVAR



ECOVAR



DIMENSIONI (mm) DIMENSIONS (mm)

MODELLO GRUPPO	COLLETTORI		VALVOLE		IDROPRESS PRE			IDROPRESS VAR			FLUIVAR			ECOVAR		
MODEL GROUP	MANYFOLDS		VALVES		IDROPRESS PRE			IDROPRESS VAR			FLUIVAR			ECOVAR		
IDX ...	"a"	"m"	"va"	"vm"	LT	HT	LaT	LT	HT	LaT	LT	HT	LaT	LT	HT	LaT
...VT2E 31/7T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	906	650	793	906	650
...VT2E 31/7M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	906	650	793	906	650
...VT2E 31/10T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1001	650	793	1001	650
...VT2E 31/10M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1001	650	793	1001	650
...VT2E 31/15T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1091	650	793	1091	650
...VT2E 31/15M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1091	650	793	1091	650
...VT2E 31/19T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1189	650	793	1189	650
...VT2E 31/19M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1189	650	793	1189	650
...VT2E 31/23T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1286	650	793	1286	650
...VT2E 31/23M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1286	650	793	1286	650
...VT2E 51/8T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1037	650	793	1037	650
...VT2E 51/8M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1037	650	793	1037	650
...VT2E 51/10T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1117	650	793	1117	650
...VT2E 51/10M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1117	650	793	1117	650
...VT2E 51/13T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1223	650	793	1223	650
...VT2E 51/13M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1223	650	793	1223	650
...VT2E 51/16T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1304	650	793	1304	650
...VT2E 51/16M	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1304	650	793	1304	650
...VT2E 51/20T	2"	2"	25-1"	25-1"	793	1355	940	980	1355	980	805	1475	650	793	1475	650
...VT2E 101/4T	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1030	650	901	1030	650
...VT2E 101/4M	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1030	650	901	1030	650
...VT2E 101/6T	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1115	650	901	1115	650
...VT2E 101/6M	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1115	650	901	1115	650
...VT2E 101/9T	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1269	650	901	1269	650
...VT2E 101/12T	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1399	650	901	1399	650
...VT2E 101/16T	2½"	2½"	40	40	901	1355	940	980	1355	980	866	1506	650	901	1506	650
...VT2E 151/3T	3"	3"	50	50	989	1355	1040	1080	1355	1080	-	-	-	989	1144	750
...VT2E 151/5T	3"	3"	50	50	989	1355	1040	1080	1355	1080	-	-	-	989	1274	750
...VT2E 151/7T	3"	3"	50	50	989	1355	1040	1080	1355	1080	-	-	-	989	1351	750
...VT2E 151/9T	3"	3"	50	50	989	1355	1040	1080	1355	1080	-	-	-	989	1381	750
...VT2E 201/3T	3"	3"	50	50	989	1355	1040	1130	1355	1130	-	-	-	989	1274	750
...VT2E 201/5T	3"	3"	50	50	989	1355	1040	1130	1355	1130	-	-	-	989	1351	750
...VT2E 201/7T	3"	3"	50	50	989	1355	1040	1130	1355	1130	-	-	-	989	1381	750
...VT2E 201/10T	3"	3"	50	50	989	1355	1040	1130	1355	1130	-	-	-	989	1702	750
...VT2E 201/14T	3"	3"	50	50	989	1355	1080	1130	1355	1130	-	-	-	989	1987	750
...VT2E 321/3T	100	100	65	65	1211	1355	1040	1080	1355	1080	-	-	-	1211	1320	750
...VT2E 321/4T	100	100	65	65	1211	1355	1040	1130	1355	1130	-	-	-	1211	1430	750
...VT2E 321/6T	100	100	65	65	1211	1355	1040	1130	1355	1130	-	-	-	1211	1789	750
...VT2E 321/8T	100	100	65	65	1211	1355	1080	1130	1355	1130	-	-	-	1211	2034	750
...VT2E 321/10T	100	100	65	65	1211	1355	1080	1130	1355	1180	-	-	-	1211	2194	750

IDX ... VT3E

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

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

PRESTAZIONI IDRAULICHE HYDRAULICH PERFORMANCES



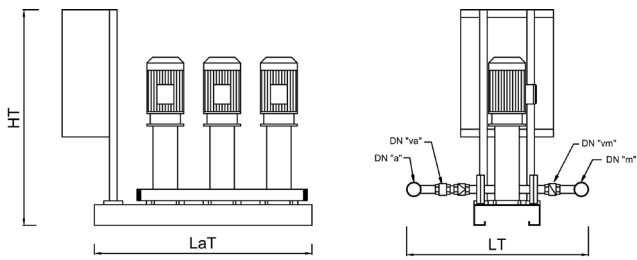
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE													TIPO DI AVVIAMENTO KIND OF START								
		mc/h l/min	0	2,1 36	4,2 72	6,6 108	8,7 144	10,8 180	12,9 216	15 252	17,4 288	19,5 324	21,6 360	25,8 432	PRE	VAR	FLUIVAR			ECOVAR			
IDX ...	kW		0														MM	MT	TT	MM	MT	TT	
...VT3E 31/7T	3x0,75	H mca	45,5	43,5	41	37,5	33,5	27,5	18								•	•	•	•	•	•	
...VT3E 31/7M	3x0,75		45,5	43,5	41	37,5	33,5	27,5	18									•				•	
...VT3E 31/10T	3x0,75		64	61	58	54	47	38,5	25									•	•	•		•	•
...VT3E 31/10M	3x0,75		64	61	58	54	47	38,5	25									•				•	
...VT3E 31/15T	3x1,1		96	92	88	81	71	58	37,5									•	•	•		•	•
...VT3E 31/15M	3x1,1		96	92	88	81	71	58	37,5									•				•	
...VT3E 31/19T	3x1,5		122	116	110	102	89	72	46,5									•	•	•		•	•
...VT3E 31/19M	3x1,5		122	116	110	102	89	72	46,5									•				•	
...VT3E 31/23T	3x2,2		150	144	139	129	115	95	66									•	•	•		•	•
...VT3E 31/23M	3x2,2		150	144	139	129	115	95	66									•				•	
...VT3E 51/8T	3x1,1		55			51	50	48,5	46,5	44	41	37,5	32,5	24				•	•	•	•	•	•
...VT3E 51/8M	3x1,1		55			51	50	48,5	46,5	44	41	37,5	32,5	24				•				•	
...VT3E 51/10T	3x1,5		68			63	62	60	58	54	50	45,5	40,5	30				•	•	•		•	•
...VT3E 51/10M	3x1,5		68			63	62	60	58	54	50	45,5	40,5	30				•				•	
...VT3E 51/13T	3x2,2		90			85	83	80	78	74	69	63	57	39,5				•	•	•		•	•
...VT3E 51/13M	3x2,2		90			85	83	80	78	74	69	63	57	39,5				•				•	
...VT3E 51/16T	3x2,2		110			103	101	98	95	90	84	77	69	48,5				•	•	•		•	•
...VT3E 51/16M	3x2,2		110			103	101	98	95	90	84	77	69	48,5				•				•	
...VT3E 51/20T	3x3		139			131	129	125	121	115	107	99	89	61				•	•	•		•	•

MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE													TIPO DI AVVIAMENTO KIND OF START								
		mc/h l/min	0	15 252	17,4 288	19,5 324	21,6 360	25,8 432	30,3 504	34,5 576	39 648	43,2 720	54 900	4 4	PRE	VAR	FLUIVAR			ECOVAR			
IDX ...	kW		0														MM	MT	TT	MM	MT	TT	
...VT3E 101/4T	3x1,5	H mca	40	39	39	38,5	37,5	34,5	31	26	20,5						•	•	•	•	•	•	
...VT3E 101/4M	3x1,5		40	39	39	38,5	37,5	34,5	31	26	20,5							•				•	
...VT3E 101/6T	3x2,2		60	60	60	59	58	55	49,5	42,5	33,5							•	•	•		•	•
...VT3E 101/6M	3x2,2		60	60	60	59	58	55	49,5	42,5	33,5							•				•	
...VT3E 101/9T	3x3		91	92	91	90	88	82	74	64	51							•	•	•		•	•
...VT3E 101/12T	3x4		121	122	121	120	118	110	99	86	68							•	•	•		•	•
...VT3E 101/16T	3x5,5		163	164	163	161	158	149	136	118	94							•	•	•		•	•
...VT3E 151/3T	3x3		42			40	41	40,5	40	39	38,5	37	33,5	26				•	•	•		•	•
...VT3E 151/5T	3x4		69			67	68	67	66	65	63	62	55	42,5				•	•	•		•	•
...VT3E 151/7T	3x5,5		97			94	95	94	93	91	89	87	78	61				•	•	•		•	•
...VT3E 151/9T	3x7,5		125			120	122	121	119	117	115	112	102	79				•	•	•		•	•

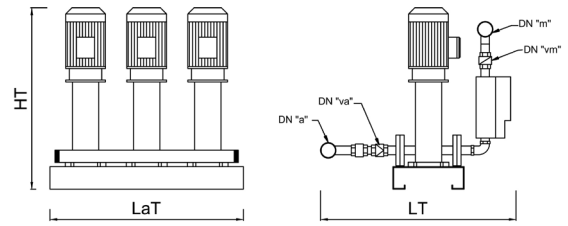
MODELLO GRUPPO MODEL GROUP	POTENZA POWER	PORTATA TOTALE DELL'IMPIANTO TOTAL FLOW RATE													TIPO DI AVVIAMENTO KIND OF START								
		mc/h l/min	0	30,3 504	34,5 576	36,6 612	39 648	43,2 720	54 900	64,5 1080	75 1260	87 1440	96 1620	108 1800	PRE	VAR	FLUIVAR			ECOVAR			
IDX ...	kW		0														MM	MT	TT	MM	MT	TT	
...VT3E 201/3T	3x4	H mca	45	43	42,5	42	42	41,5	39,5	36	32	24,5					•	•	•		•	•	
...VT3E 201/5T	3x5,5		75	71	71	70	70	69	65	60	53	41						•	•	•		•	•
...VT3E 201/7T	3x7,5		105	100	99	98	98	96	91	84	74	56						•	•	•		•	•
...VT3E 201/10T	3x11		150	144	143	142	141	139	132	122	109	84						•	•	•		•	•
...VT3E 201/14T	3x15		211	201	200	199	198	195	186	171	153	120						•	•	•		•	•
...VT3E 321/3T	3x5,5		56			54	55	54	53	50	47,5	44	39	33				•	•	•		•	•
...VT3E 321/4T	3x7,5		75			72	73	72	70	67	64	59	53	44,5				•	•	•		•	•
...VT3E 321/6T	3x11		114			109	110	109	106	102	97	90	80	8				•	•	•		•	•
...VT3E 321/8T	3x15		152			145	147	146	142	136	130	121	108	92				•	•	•		•	•
...VT3E 321/10T	3x18,5		190			181	183	181	176	169	160	148	133	112				•	•	•		•	•

⊗ ⊗ ⊗ 3 elettropompe
⊗ ⊗ ⊗ 3 electric pumps

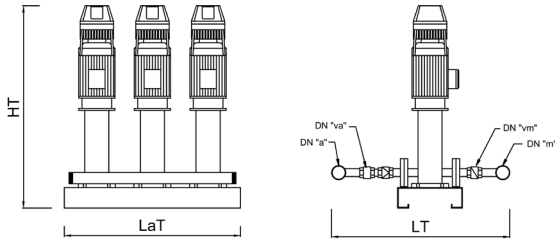
IDROPRESS PRE/VAR



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
...VT3E 31/7T	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	906	950	793	906	950
...VT3E 31/7M	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	906	950	793	906	950
...VT3E 31/10T	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1001	950	793	1001	950
...VT3E 31/10M	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1001	950	793	1001	950
...VT3E 31/15T	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1091	950	793	1091	950
...VT3E 31/15M	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1091	950	793	1091	950
...VT3E 31/19T	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1189	950	793	1189	950
...VT3E 31/19M	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1189	950	793	1189	950
...VT3E 31/23T	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1286	950	793	1286	950
...VT3E 31/23M	2"	2"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1286	950	793	1286	950
...VT3E 51/8T	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1037	950	793	1037	950
...VT3E 51/8M	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1037	950	793	1037	950
...VT3E 51/10T	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1117	950	793	1117	950
...VT3E 51/10M	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1117	950	793	1117	950
...VT3E 51/13T	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1223	950	793	1223	950
...VT3E 51/13M	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1223	950	793	1223	950
...VT3E 51/16T	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1304	950	793	1304	950
...VT3E 51/16M	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1304	950	793	1304	950
...VT3E 51/20T	2½"	2½"	25-1"	25-1"	793	1355	1290	793	1355	1330	805	1475	950	793	1475	950
...VT3E 101/4T	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1030	950	901	1030	950
...VT3E 101/4M	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1030	950	901	1030	950
...VT3E 101/6T	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1115	950	901	1115	950
...VT3E 101/6M	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1115	950	901	1115	950
...VT3E 101/9T	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1269	950	901	1269	950
...VT3E 101/12T	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1399	950	901	1399	950
...VT3E 101/16T	3"	3"	40	40	901	1355	1290	901	1355	1330	866	1506	950	901	1506	950
...VT3E 151/3T	100	100	50	50	989	1355	1390	989	1355	1430	-	-	-	989	1144	1050
...VT3E 151/5T	100	100	50	50	989	1355	1390	989	1355	1430	-	-	-	989	1274	1050
...VT3E 151/7T	100	100	50	50	989	1355	1490	989	1355	1530	-	-	-	989	1351	1150
...VT3E 151/9T	100	100	50	50	989	1355	1490	989	1355	1530	-	-	-	989	1381	1150
...VT3E 201/3T	100	100	50	50	989	1355	1490	989	1355	1580	-	-	-	989	1274	1150
...VT3E 201/5T	100	100	50	50	989	1355	1490	989	1355	1580	-	-	-	989	1351	1150
...VT3E 201/7T	100	100	50	50	989	1355	1490	989	1355	1580	-	-	-	989	1381	1150
...VT3E 201/10T	100	100	50	50	989	1355	1490	989	1355	1580	-	-	-	989	1702	1150
...VT3E 201/14T	100	100	50	50	989	1355	1530	989	1355	1580	-	-	-	989	1987	1150
...VT3E 321/3T	125	125	65	65	1211	1355	1490	1211	1355	1530	-	-	-	1211	1320	1150
...VT3E 321/4T	125	125	65	65	1211	1355	1490	1211	1355	1580	-	-	-	1211	1430	1150
...VT3E 321/6T	125	125	65	65	1211	1355	1490	1211	1355	1580	-	-	-	1211	1789	1150
...VT3E 321/8T	125	125	65	65	1211	1355	1490	1211	1355	1580	-	-	-	1211	2034	1150
...VT3E 321/10T	125	125	65	65	1211	1355	1490	1211	1355	1580	-	-	-	1211	2194	1150