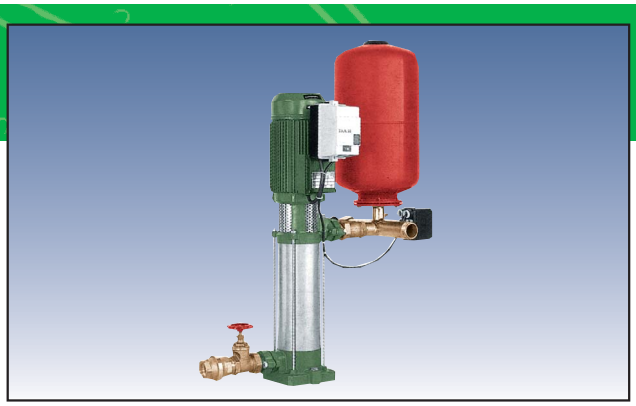
DAB
PUMP PERFORMANCE

1 KV 3 - 6 - 10 BOOSTER SET

WITH 1 MULTISTAGE CENTRIFUGAL PUMP ON A VERTICAL AXIS

CE



HYDRAULIC PART

Sets with one pump

One multistage KV 3-6-10 type vertical electropump, a membrane vessel suitable for applications in the food sector, a radial pressure gauge, threaded manifolds in galvanised steel, check valve on the suction side and ball valves on the suction and delivery side, gauge holder cock for the control gauge and anti-vibration flexible pipe.

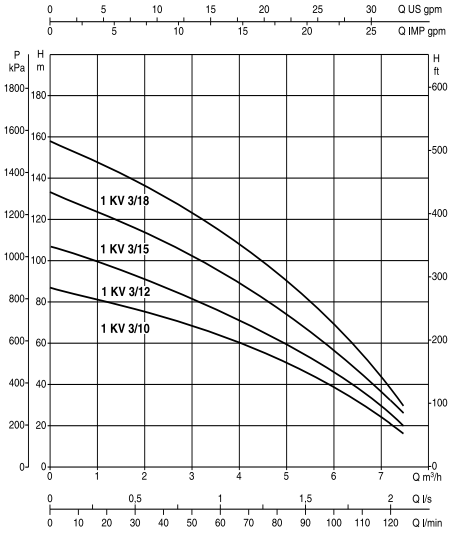
ELECTRICAL PART

Sets with one pump - single-phase version – one two-poles pressure switch connected to the motor, complete with power cable and electric plug.

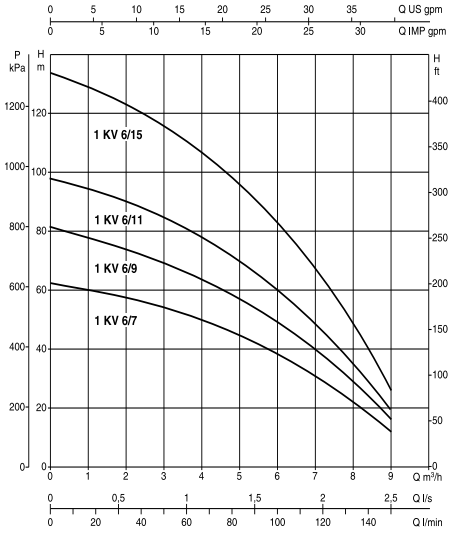
• **Three-phase version:** overload cutout panel with rearm push button, complete with terminal board for connection to the power line, 1 pressure switch connected to the overload cutout panel.

ELECTRICAL AND HYDRAULIC DATA

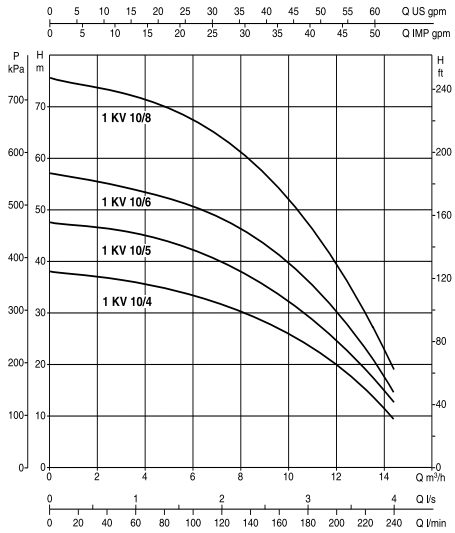
1 KV 3



1 KV 6

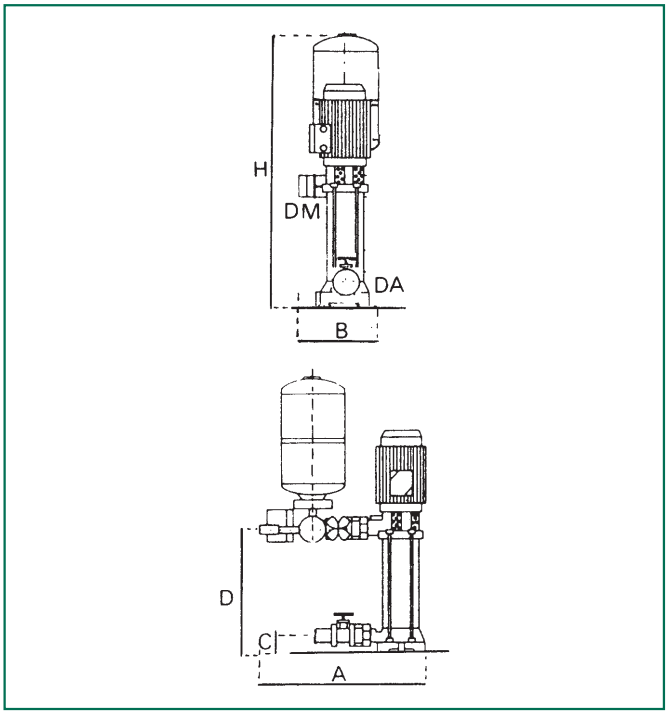


1 KV 10



MODEL	VOLTAGE	P2 NOMINAL		In	FLOW RATE	PRESSURE SWITCH SETTING IN	MAX PRESSURE OBTAINABLE
	50 Hz	kW	HP	A	m³/h	BAR	BAR
1 KV 3/10 M	1x220-240 V ~	1,1	1,5	7,8	7,2-1,8	5÷6	8,2
1 KV 3/12 M	1x220-240 V ~	1,5	2	9,6	7,2-1,8	6÷1	10,2
1 KV 3/10 T	3x400 V ~	1,1	1,5	5,6-3,2	7,2-1,8	5÷6	8,2
1 KV 3/12 T	3x400 V ~	1,5	2	6,4-3,7	7,2-1,8	6÷1	10,2
1 KV 3/15 T	3x400 V ~	1,85	2,5	7,5-4,3	7,2-1,8	8÷9	13
1 KV 3/18 T	3x400 V ~	2,2	3	10-5,8	7,2-1,8	10÷11	15,8
1 KV 6/7 M	1x220-240 V ~	1,1	1,5	7,5	8,5-2,4	4÷5	6
1 KV 6/9 M	1x220-240 V ~	1,5	2	9,4	8,5-2,4	5÷6	8
1 KV 6/7 T	3x400 V ~	1,1	1,5	5-2,9	8,5-2,4	4÷5	6
1 KV 6/9 T	3x400 V ~	1,5	2	6,2-3,6	8,5-2,4	5÷6	8
1 KV 6/11 T	3x400 V ~	1,85	2,5	7,3-4,2	8,5-2,4	6÷7	9,8
1 KV 6/15 T	3x400 V ~	2,2	3	11-6,3	8,5-2,4	8÷9	13
1 KV 10/4 M	1x220-240 V ~	1,1	1,5	8,3	13,2-3,0	2÷3	3,8
1 KV 10/5 M	1x220-240 V ~	1,5	2	10,4	13,2-3,0	3÷4	4,8
1 KV 10/4 T	3x400 V ~	1,1	1,5	6,1-3,5	13,2-3,0	2÷3	3,8
1 KV 10/5 T	3x400 V ~	1,5	2	6,8-3,9	13,2-3,0	3÷4	4,8
1 KV 10/6 T	3x400 V ~	1,85	2,5	8,7-5	13,2-3,0	4÷5	5,5
1 KV 10/8 T	3x400 V ~	2,2	3	11,8-6,8	13,2-3,0	5÷6	7,2

DIMENSIONS AND WEIGHTS



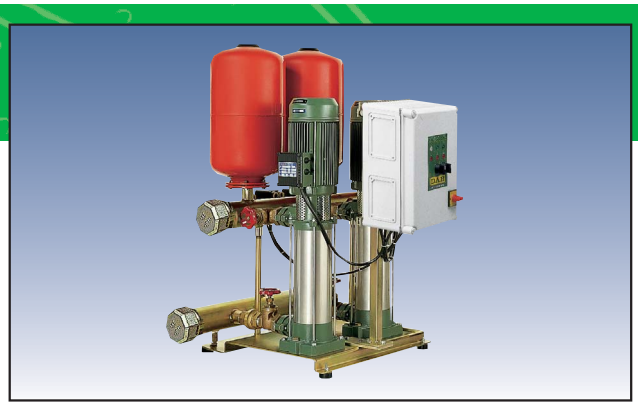
MODEL	A	B	C	D	H	Ø MANIFOLD SUCTION	Ø MANIFOLD DELIVERY	WEIGHT Kg
1 KV 3/10 M	760	300	120	473	993	1¼"	1½"	39
1 KV 3/12 M	760	300	120	596	1116	1¼"	1½"	40
1 KV 3/10 T	760	300	120	473	993	1¼"	1½"	39
1 KV 3/12 T	760	300	120	596	1116	1¼"	1½"	40
1 KV 3/15 T	760	300	120	692	1212	1¼"	1½"	41
1 KV 3/18 T	760	300	120	788	1318	1¼"	1½"	47
1 KV 6/7 M	760	300	120	436	956	1¼"	1½"	37
1 KV 6/9 M	760	300	120	500	1020	1¼"	1½"	40
1 KV 6/7 T	760	300	120	436	956	1¼"	1½"	37
1 KV 6/9 T	760	300	120	500	1020	1¼"	1½"	40
1 KV 6/11 T	760	300	120	564	1084	1¼"	1½"	38
1 KV 6/15 T	760	300	120	692	1212	1¼"	1½"	45
1 KV 10/4 M	760	300	120	340	860	1¼"	1½"	35
1 KV 10/5 M	760	300	120	372	892	1¼"	1½"	40
1 KV 10/4 T	760	300	120	340	860	1¼"	1½"	35
1 KV 10/5 T	760	300	120	372	892	1¼"	1½"	40
1 KV 10/6 T	760	300	120	404	920	1¼"	1½"	38
1 KV 10/8 T	760	300	120	468	988	1¼"	1½"	43

DAB
PUMP PERFORMANCE

KV 3 - 6 - 10 BOOSTER SET

WITH 2-3 MULTISTAGE CENTRIFUGAL PUMPS ON A VERTICAL AXIS

CE



HYDRAULIC PART

Sets with two pumps

Two vertical multistage KV 3-6-10 type electropumps, a galvanised sheet base complete with anti-vibration rubber feet, threaded manifolds in tropicalized galvanised steel, check valve on the suction side for each pump and ball valves on the suction and delivery side of each single pump. They are supplied with a radial pressure gauge, two membrane vessels for applications in the food sector and an anti-vibration flexible pipe.

Sets with three pumps

Three vertical multistage KV 3-6-10 type electropumps, a galvanised sheet base complete with anti-vibration rubber feet, threaded suction and delivery manifolds in tropicalized galvanised steel complete with flexible pipe (3KV 3-6) or flexible couplings (3 KV 10), check valve on the suction side for each pump and ball valves on the suction and delivery side of each single pump. They are supplied with a radial pressure gauge complete with three membrane vessels suitable for applications in the food sector.

ELECTRICAL PART

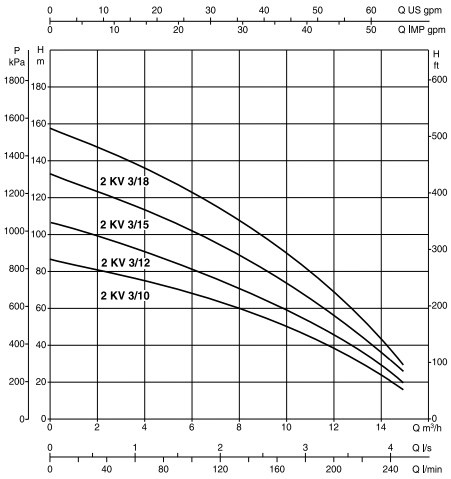
Sets with two pumps - single-phase version – plastic box with IP 55 protection level and transparent cover, main switch, switch for each pump, two pre-calibrated pressure switches, electronic inverter, switch for running with or without an electronic inverter.

Three-phase version: plastic box with IP 55 protection level and transparent cover, accident prevention main switch, low voltage auxiliary circuit with the possibility of installing a control float, minimum pressure switches, remote controls. A contactor for each pump, two thermal overload relays, electronic inverter, two pre-calibrated pressure switches. Man.-o-aut. operation switch for each pump. Indicator lights signalling voltage presence and shutdown of the pumps. Spare fuses.

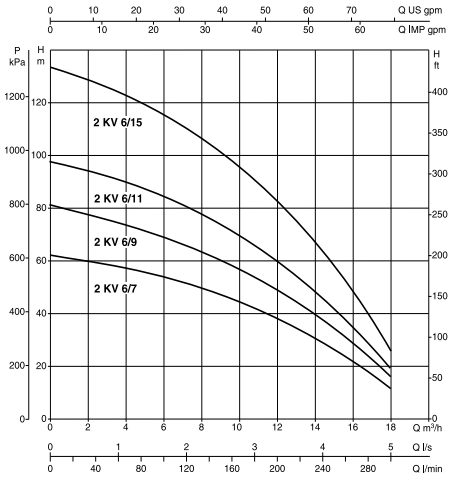
Sets with three pumps - single-phase version – plastic box with IP 55 protection level and transparent cover, main switch, switch for each pump, three pre-calibrated pressure switches, electronic inverter, switch for running with or without an electronic inverter.

Three-phase version: plastic box with IP 55 protection level and transparent cover, accident prevention main switch, low voltage auxiliary circuit with the possibility of installing a control float, minimum pressure switches, remote controls. A contactor for each pump, three thermal overload relays, electronic inverter, three pre-calibrated pressure switches. Man.-o-aut. operation switch for each pump. Indicator lights signalling voltage presence and shutdown of the pumps. Spare fuses.

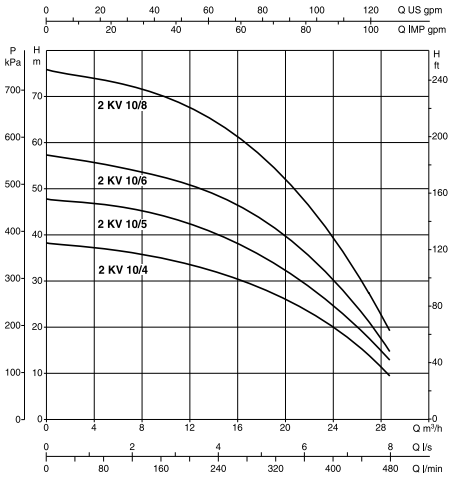
2 KV 3



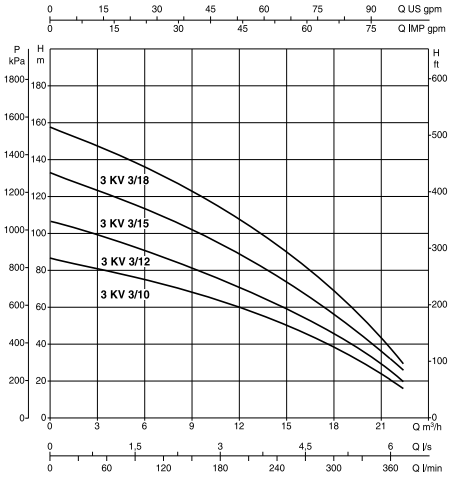
2 KV 6



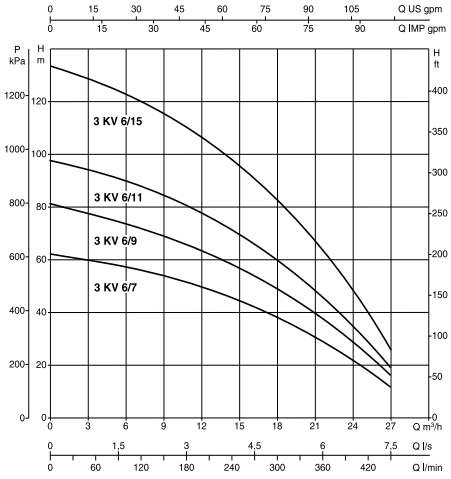
2 KV 10



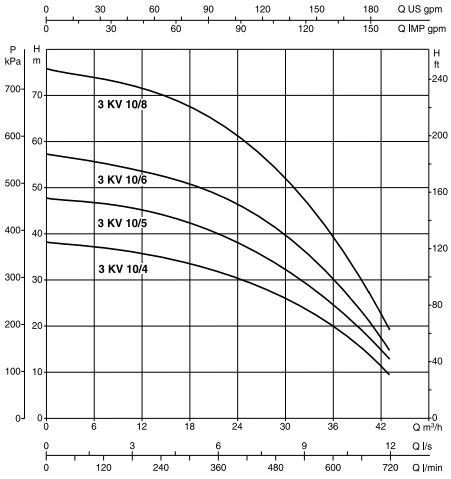
3 KV 3



3 KV 6



3 KV 10



ELECTRICAL AND HYDRAULIC DATA

2 KV

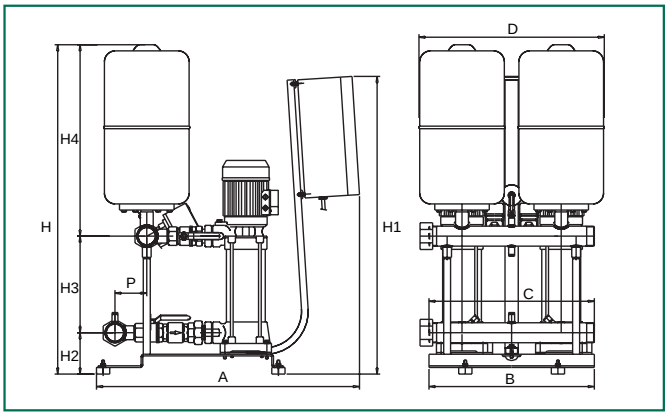
MODEL	VOLTAGE	P2 NOMINAL		In	FLOW RATE	PRESSURE SWITCH SETTING IN	MAX PRESSURE OBTAINABLE
	50 Hz	kW	HP	A	m³/h	BAR	BAR
2 KV 3/10 M	1x220-240 V ~	2x1,1	2x1,5	2x7,8	14,4-3,6	4,5÷6	8,2
2 KV 3/12 M	1x220-240 V ~	2x1,5	2x2	2x9,6	14,4-3,6	5,5÷7	10,2
2 KV 3/10 T	3x400 V ~	2x1,1	2x1,5	2x5,6-3,2	14,4-3,6	4,5÷6	8,2
2 KV 3/12 T	3x400 V ~	2x1,5	2x2	2x6,4-3,7	14,4-3,6	5,5÷7	10,2
2 KV 3/15 T	3x400 V ~	2x1,85	2x2,5	2x7,5-4,3	14,4-3,6	7,5÷9	13
2 KV 3/18 T	3x400 V ~	2x2,2	2x3	2x10-5,8	14,4-3,6	9,5÷11	15,8
2 KV 6/7 M	1x220-240 V ~	2x1,1	2x1,5	2x7,5	17,0-4,8	3,5÷5	6
2 KV 6/9 M	1x220-240 V ~	2x1,5	2x2	2x9,4	17,0-4,8	4,5÷6	8
2 KV 6/7 T	3x400 V ~	2x1,1	2x1,5	2x5-2,9	17,0-4,8	3,5÷5	6
2 KV 6/9 T	3x400 V ~	2x1,5	2x2	2x6,2-3,6	17,0-4,8	4,5÷6	8
2 KV 6/11 T	3x400 V ~	2x1,85	2x2,5	2x7,3-4,2	17,0-4,8	5,5÷7	9,8
2 KV 6/15 T	3x400 V ~	2x2,2	2x3	2x11-6,3	17,0-4,8	7,5÷9	13
2 KV 10/4 M	1x220-240 V ~	2x1,1	2x1,5	2x8,3	26,4-6,0	1,5÷3	3,8
2 KV 10/5 M	1x220-240 V ~	2x1,5	2x2	2x10,4	26,4-6,0	2,5÷4	4,8
2 KV 10/4 T	3x400 V ~	2x1,1	2x1,5	2x6,1-3,5	26,4-6,0	1,5÷3	3,8
2 KV 10/5 T	3x400 V ~	2x1,5	2x2	2x6,8-3,9	26,4-6,0	2,5÷4	4,8
2 KV 10/6 T	3x400 V ~	2x1,85	2x2,5	2x8,7-5	26,4-6,0	3,5÷5	5,5
2 KV 10/8 T	3x400 V ~	2x2,2	2x3	2x11,8-6,8	26,4-6,0	4,5÷6	7,2

3 KV

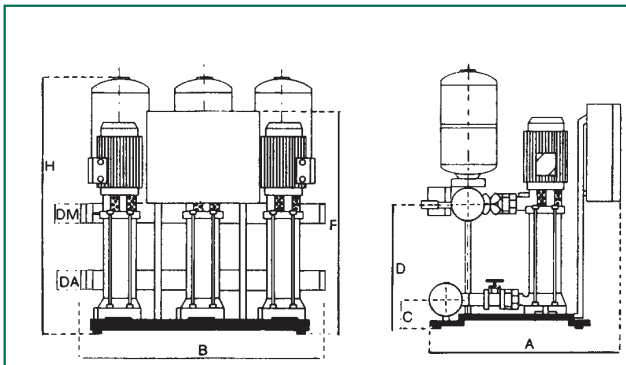
MODEL	VOLTAGE	P2 NOMINAL		In	FLOW RATE	PRESSURE SWITCH SETTING IN	MAX PRESSURE OBTAINABLE
	50 Hz	kW	HP	A	m³/h	BAR	BAR
3 KV 3/10 M	1x220-240 V ~	3x1,1	3x1,5	3x7,8	21,6-5,4	4÷6	8,2
3 KV 3/12 M	1x220-240 V ~	3x1,5	3x2	3x9,6	21,6-5,4	6÷8	10,2
3 KV 3/10 T	3x400 V ~	3x1,1	3x1,5	3x5,6-3,2	21,6-5,4	4÷6	8,2
3 KV 3/12 T	3x400 V ~	3x1,5	3x2	3x6,4-3,7	21,6-5,4	6÷8	10,2
3 KV 3/15 T	3x400 V ~	3x1,85	3x2,5	3x7,5-4,3	21,6-5,4	8÷10	13
3 KV 3/18 T	3x400 V ~	3x2,2	3x3	3x10-5,8	21,6-5,4	10÷12	15,8
3 KV 6/7 M	1x220-240 V ~	3x1,1	3x1,5	3x7,5	25,5-7,2	3÷5	6
3 KV 6/9 M	1x220-240 V ~	3x1,5	3x2	3x9,4	25,5-7,2	5÷7	8
3 KV 6/7 T	3x400 V ~	3x1,1	3x1,5	3x5-2,9	25,5-7,2	3÷5	6
3 KV 6/9 T	3x400 V ~	3x1,5	3x2	3x6,2-3,6	25,5-7,2	5÷7	8
3 KV 6/11 T	3x400 V ~	3x1,85	3x2,5	3x7,3-4,2	25,5-7,2	6÷8	9,8
3 KV 6/15 T	3x400 V ~	3x2,2	3x3	3x11-6,3	25,5-7,2	8÷10	13
3 KV 10/4 M	1x220-240 V ~	3x1,1	3x1,5	3x8,3	39,6-9,0	2÷3	3,8
3 KV 10/5 M	1x220-240 V ~	3x1,5	3x2	3x10,4	39,6-9,0	3÷4	4,8
3 KV 10/4 T	3x400 V ~	3x1,1	3x1,5	3x6,1-3,5	39,6-9,0	2÷3	3,8
3 KV 10/5 T	3x400 V ~	3x1,5	3x2	3x6,8-3,9	39,6-9,0	3÷4	4,8
3 KV 10/6 T	3x400 V ~	3x1,85	3x2,5	3x8,7-5	39,6-9,0	4÷5	5,5
3 KV 10/8 T	3x400 V ~	3x2,2	3x3	3x11,8-6,8	39,6-9,0	5÷6	7,2

DIMENSIONS AND WEIGHTS

2 KV



3 KV



MODEL	A	B	C	D	P	H	H1	H2	H3	H4	Ø MANIFOLD SUCTION	Ø MANIFOLD DELIVERY	WEIGHT Kg
2 KV 3/10 M	795	500	500	560	96	1117	900	125	412	580	2”	2”	118
2 KV 3/12 M	795	500	500	560	96	1181	900	125	476	580	2”	2”	124
2 KV 3/10 T	795	500	500	560	96	1117	900	125	412	580	2”	2”	123
2 KV 3/12 T	795	500	500	560	96	1117	900	125	476	580	2”	2”	129
2 KV 3/15 T	795	500	500	560	96	1277	900	125	572	580	2”	2”	134
2 KV 3/18 T	795	500	500	560	96	1373	900	125	668	580	2”	2”	141
2 KV 6/7 M	795	500	500	560	96	1021	900	125	316	580	2”	2”	116
2 KV 6/9 M	795	500	500	560	96	1085	900	125	380	580	2”	2”	121
2 KV 6/7 T	795	500	500	560	96	1021	900	125	316	580	2”	2”	121
2 KV 6/9 T	795	500	500	560	96	1085	900	125	380	580	2”	2”	126
2 KV 6/11 T	795	500	500	560	96	1149	900	125	444	580	2”	2”	128
2 KV 6/15 T	795	500	500	560	96	1277	900	125	572	580	2”	2”	140
2 KV 10/4 M	795	500	500	560	108	925	900	125	220	580	2½”	2½”	112
2 KV 10/5 M	795	500	500	560	108	957	900	125	252	580	2½”	2½”	115
2 KV 10/4 T	795	500	500	560	108	925	900	125	220	580	2½”	2½”	117
2 KV 10/5 T	795	500	500	560	108	957	900	125	252	580	2½”	2½”	120
2 KV 10/6 T	795	500	500	560	108	989	900	125	284	580	2½”	2½”	126
2 KV 10/8 T	795	500	500	560	108	1053	900	125	348	580	2½”	2½”	132

MODEL	A	B	C	D	F	H	Ø MANIFOLD SUCTION	Ø MANIFOLD DELIVERY	WEIGHT Kg
3 KV 3/10 M	710	825	120	532	847	1122	2½”	2½”	156
3 KV 3/12 M	710	825	120	596	911	1186	2½”	2½”	168
3 KV 3/10 T	785	825	120	532	847	1122	2½”	2½”	156
3 KV 3/12 T	785	825	120	596	911	1186	2½”	2½”	165
3 KV 3/15 T	785	825	120	692	1007	1282	2½”	2½”	168
3 KV 3/18 T	785	825	120	788	1181	1378	2½”	2½”	183
3 KV 6/7 M	710	825	120	436	750	1026	2½”	2½”	153
3 KV 6/9 M	710	825	120	500	815	1090	2½”	2½”	162
3 KV 6/7 T	785	825	120	436	750	1026	2½”	2½”	153
3 KV 6/9 T	785	825	120	500	815	1090	2½”	2½”	162
3 KV 6/11 T	785	825	120	664	880	1154	2½”	2½”	170
3 KV 6/15 T	785	825	120	692	1065	1282	2½”	2½”	177
3 KV 10/4 M	740	940	120	340	655	942	DN 80	DN 80	201
3 KV 10/5 M	740	940	120	372	690	974	DN 80	DN 80	216
3 KV 10/4 T	810	940	120	340	810	942	DN 80	DN 80	201
3 KV 10/5 T	810	940	120	372	810	974	DN 80	DN 80	216
3 KV 10/6 T	810	940	120	404	810	1006	DN 80	DN 80	210
3 KV 10/8 T	810	940	120	468	855	1070	DN 80	DN 80	225