

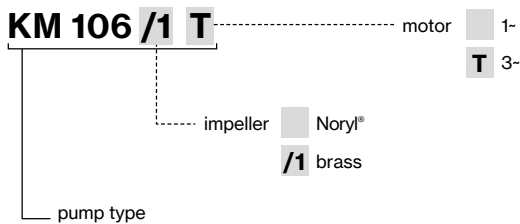
Single-impeller centrifugal pumps, extremely quiet, suitable for domestic, civil and industrial applications. The pumps guarantee constant pressure at the variation of flow rates.

### Construction features

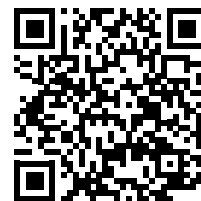
<b>Pump body</b>	cast iron
<b>Motor bracket</b>	cast iron (45, 50, 164÷550); aluminum (86-106)
<b>Impeller</b>	Noryl® (45) Noryl® or brass (50÷314) brass (400-550)
<b>Mechanical seal</b>	ceramic-graphite-NBR
<b>Motor shaft</b>	steel AISI 416 (45÷106) steel AISI 303 (164÷550)
<b>Liquid temperature</b>	Noryl® impeller: 0 - 50 °C brass impeller: 0 - 90 °C
<b>Operating pressure</b>	max 6 bar (45÷106) max 8 bar (164÷550)

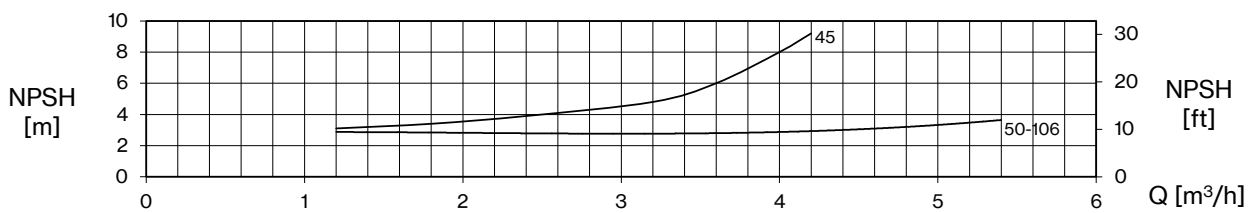
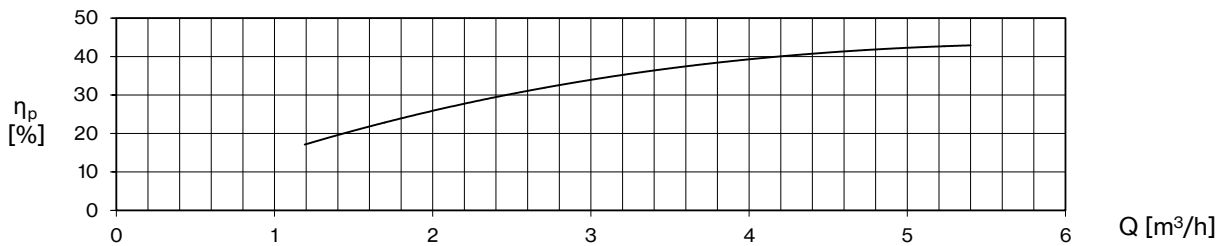
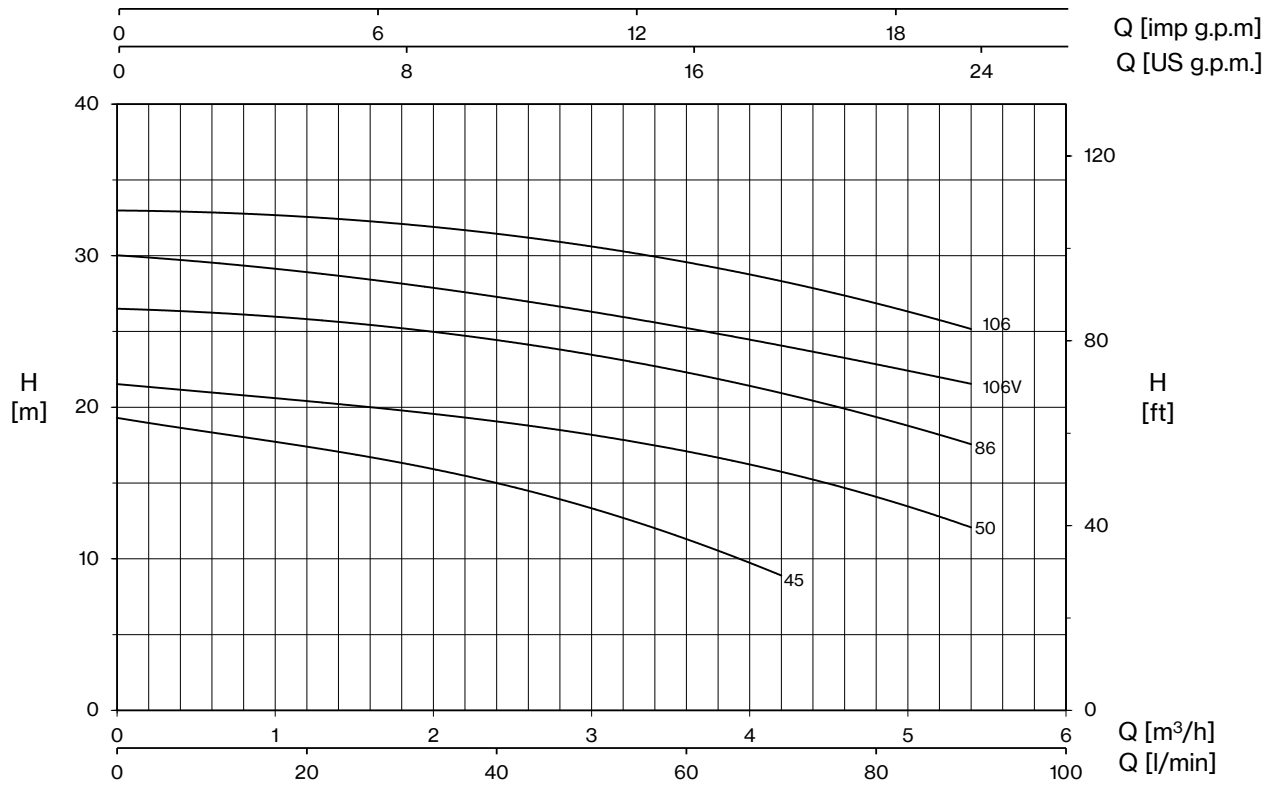
### Motor

	3~ 230/400V - 50Hz
<b>2 Poles induction motor</b>	1~ 230V - 50Hz (with thermal protection up to MEC 80)
<b>Insulation class</b>	F
<b>Protection degree</b>	IPX4



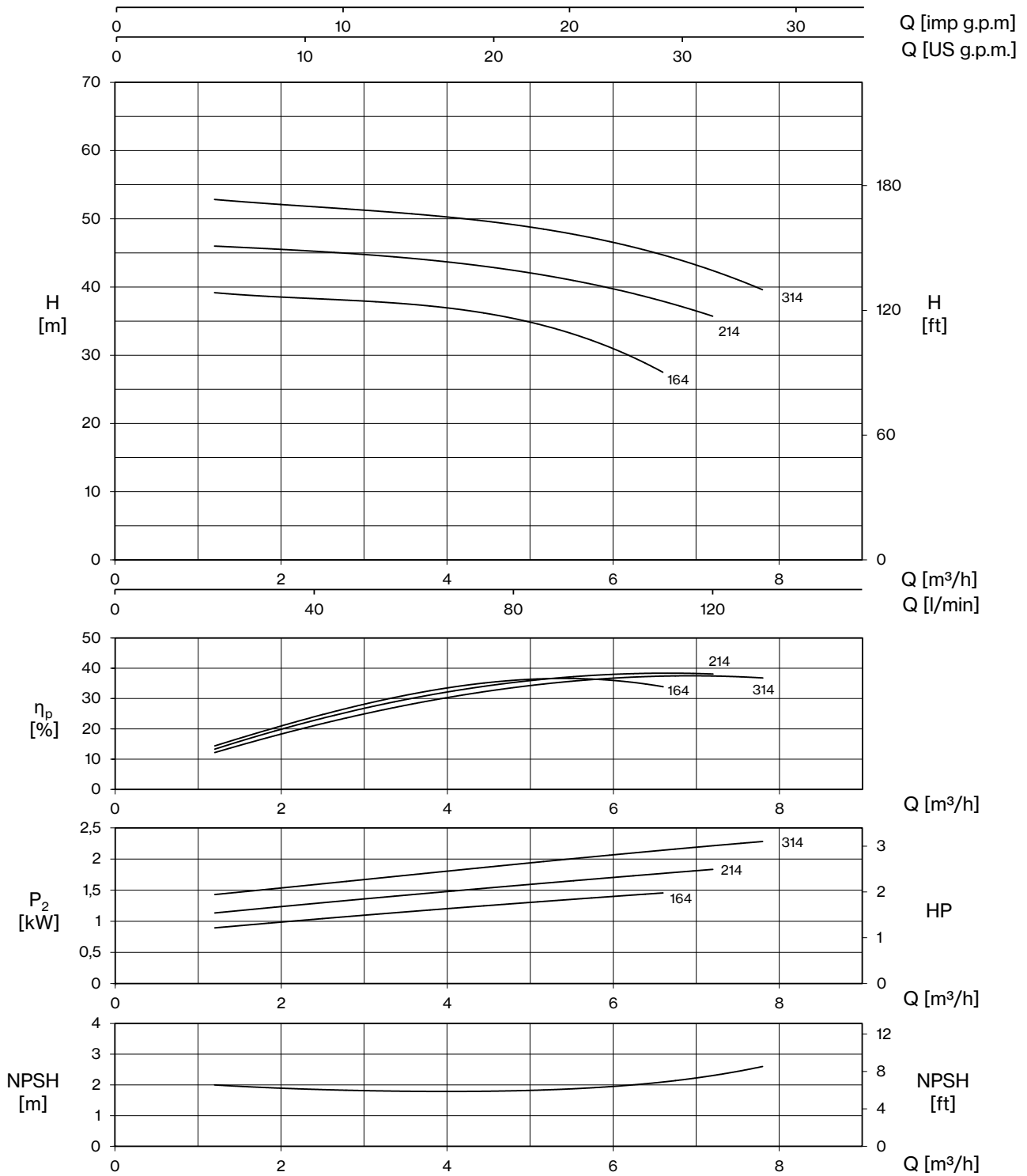
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
<b>KM 45-50</b>	80×120×145	102	80×120×190	136
<b>KM 86-106</b>	85×110×145	65	85×110×195	91
<b>KM 164÷314</b>	85×110×140	40	85×110×170	60
<b>KM 314 (1-)</b>	85×110×150	24	85×110×180	30
<b>KM 400÷550</b>	85×110×150	24	85×110×180	30



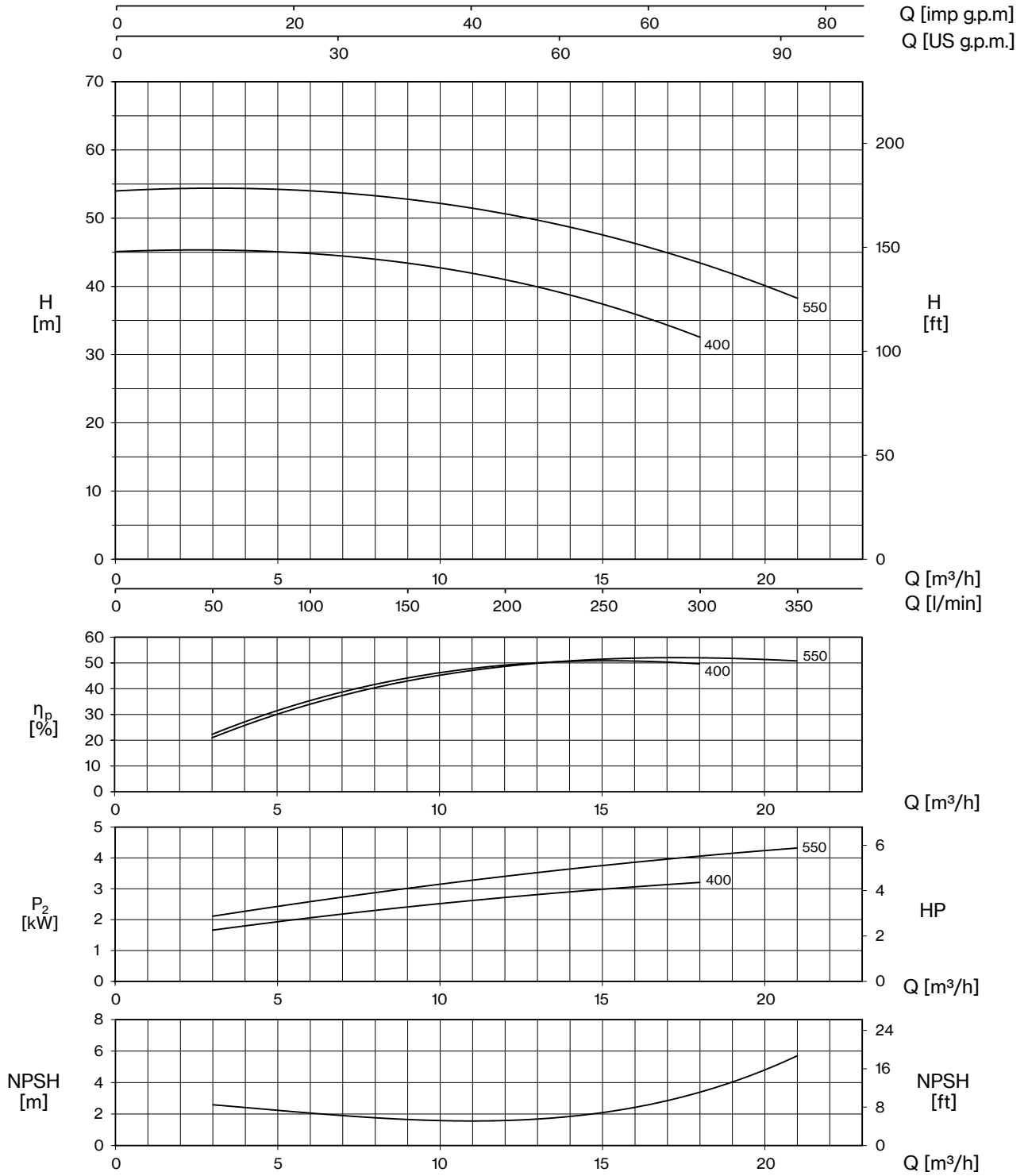


TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)						
1-	3-					1-	3-	0	1,2	2,4	3,6	4,2	4,8	5,4
		HP	kW	1-	3-	1- 230V 50 Hz	3- 400V 50 Hz	H (m)						
KM 45	KM 45T	0,4	0,3	0,51	0,56	2,3	1	19,3	17,4	15,0	11,3	8,9		
KM 50	KM 50T	0,5	0,37	0,59	0,65	2,8	1,1	21,5	20,5	19,0	17,0	15,8	14,2	12,0
KM 86	KM 86T	0,8	0,59	0,9	0,94	4,5	1,7	26,5	25,8	24,5	22,2	20,9	19,5	17,5
KM 106V	-	1	0,74	1,05	-	4,6	-	30,0	29,0	27,2	25,2	24,1	22,9	21,5
KM 106	KM 106T	1	0,74	1,16	1,17	5,7	2	33,0	32,5	31,5	29,6	28,3	26,8	25,2

# KM

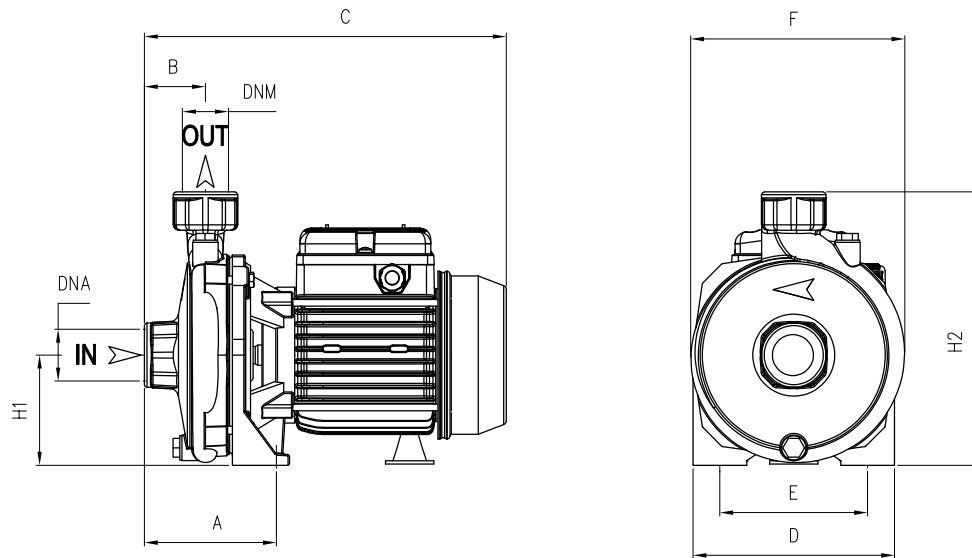




TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)								
1~	3~					1~	3~	0	1,2	2,4	3,6	4,8	6	6,6	7,2	7,8
		HP	kW	1~	3~	1~ 230V 50 Hz	3~ 400V 50 Hz	0	20	40	60	80	100	110	120	130
								H (m)								
KM 164	KM 164T	2	1,5	1,8	1,8	8,2	3,7	39,4	39,1	38,6	37,2	35,2	31,5	27,2		
KM 214	KM 214T	2,5	1,85	2,3	2,2	10,4	4,4	46,3	45,9	45,5	44,1	42,1	39,8	38,2	35,5	
KM 314	KM 314T	3	2,2	2,8	2,6	13,0	5,2	53,2	52,7	52,1	50,8	48,8	46,3	45,0	42,9	39,2



TYPE		P2		P1 (kW)		AMPERE		Q (m <sup>3</sup> /h - l/min)							
1~	3~	HP	kW	1~	3~	1~ 230V 50 Hz	3~ 400V 50 Hz	0	3	6	9	12	15	18	21
								0	50	100	150	200	250	300	350
								H (m)							
<b>KM 400</b>	<b>KM 400T</b>	4	3	3,6	3,7	16,0	6,7	45,1	45,2	44,9	43,4	40,9	37,4	32,5	
-	<b>KM 550T</b>	5,5	4	-	4,9	-	9,0	54,1	54,1	54,0	52,9	50,7	47,5	43,2	38,4

# KM



TYPE		DIMENSIONS (mm)													 Kg	
-1	-3	A	B	C	D	E	F	H1	H2	DNA	DNM	I	L	M	-1	-3
<b>KM 45</b>	<b>KM 45T</b>	95	45,5	265	150	110	160	82	202	1" G	1" G	290	175	225	8,5	8,5
<b>KM 50</b>	<b>KM 50T</b>	95	45,5	265	150	110	160	82	202			290	170	230	9,5	9,5
<b>KM 86</b>	<b>KM 86T</b>	110	46,5	300	180	140	185	97	234	1" G	1" G	325	200	265	13,5	13
<b>KM 106V</b>	-	110	46,5	300	180	140	185	97	234			325	200	265	14	-
<b>KM 106</b>	<b>KM 106T</b>	110	46,5	300	180	140	185	97	234	1" ¼ G	1" G	325	200	265	15	14,5
<b>KM 164</b>	<b>KM 164T</b>	117	46,5	378	220	180	225	115	285			420	230	309	25,5	26,5
<b>KM 214</b>	<b>KM 214T</b>	117	46,5	378	220	180	225	115	285			420	230	309	26,5	25,5
<b>KM 314</b>	-	117	46,5	446	220	180	225	115	285			520	235	320	34,5	-
-	<b>KM 314T</b>	117	46,5	378	220	180	225	115	285	420	230	309	-	27		
<b>KM 400</b>	<b>KM 400T</b>	108	54	460	240	190	250	133	323	2" G	1" ¼ G	480	255	342	46	41,5
-	<b>KM 550T</b>	108	54	460	240	190	250	133	323			480	255	342	-	45,5