



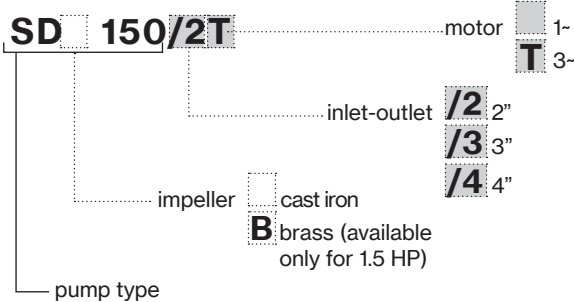
Single impeller centrifugal pumps, from medium to high flow rate with 2", 3" and 4" delivery openings, mainly used in agriculture and applications requiring high level flow rate.

### Construction features

<b>Pump body</b>	cast iron
<b>Motor bracket</b>	cast iron
<b>Impeller</b>	cast iron or brass (SDB)
<b>Mechanical seal</b>	ceramic-graphite-NBR
<b>Motor shaft</b>	stainless steel AISI 303 stainless steel AISI 416 (SD 75÷120)
<b>Liquid temperature</b>	0 - 90 °C
<b>Operating pressure</b>	max 6 bar

### Motor

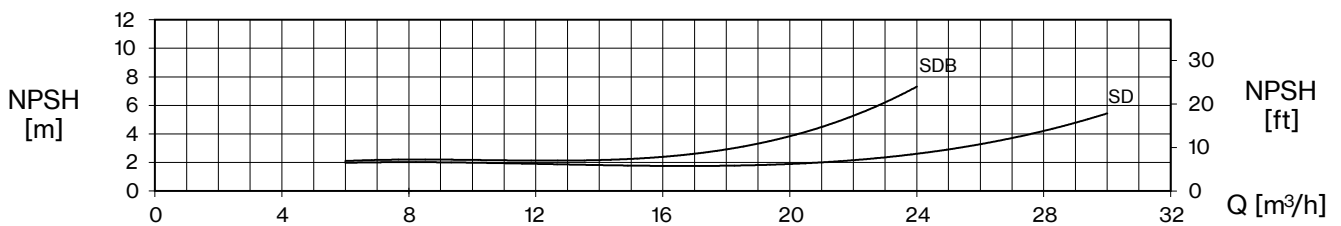
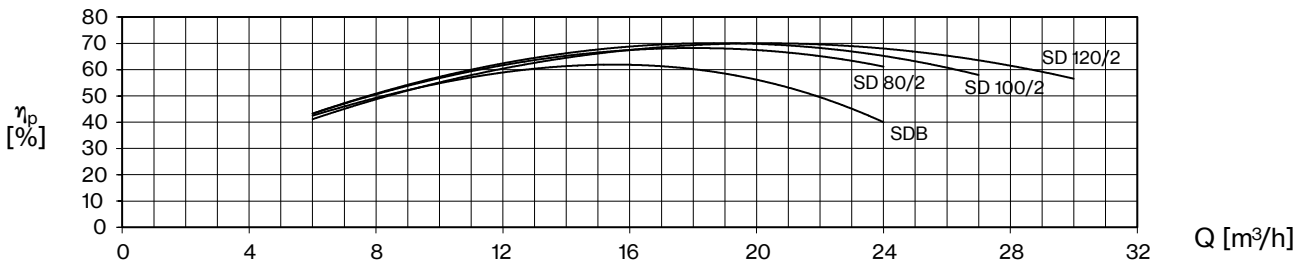
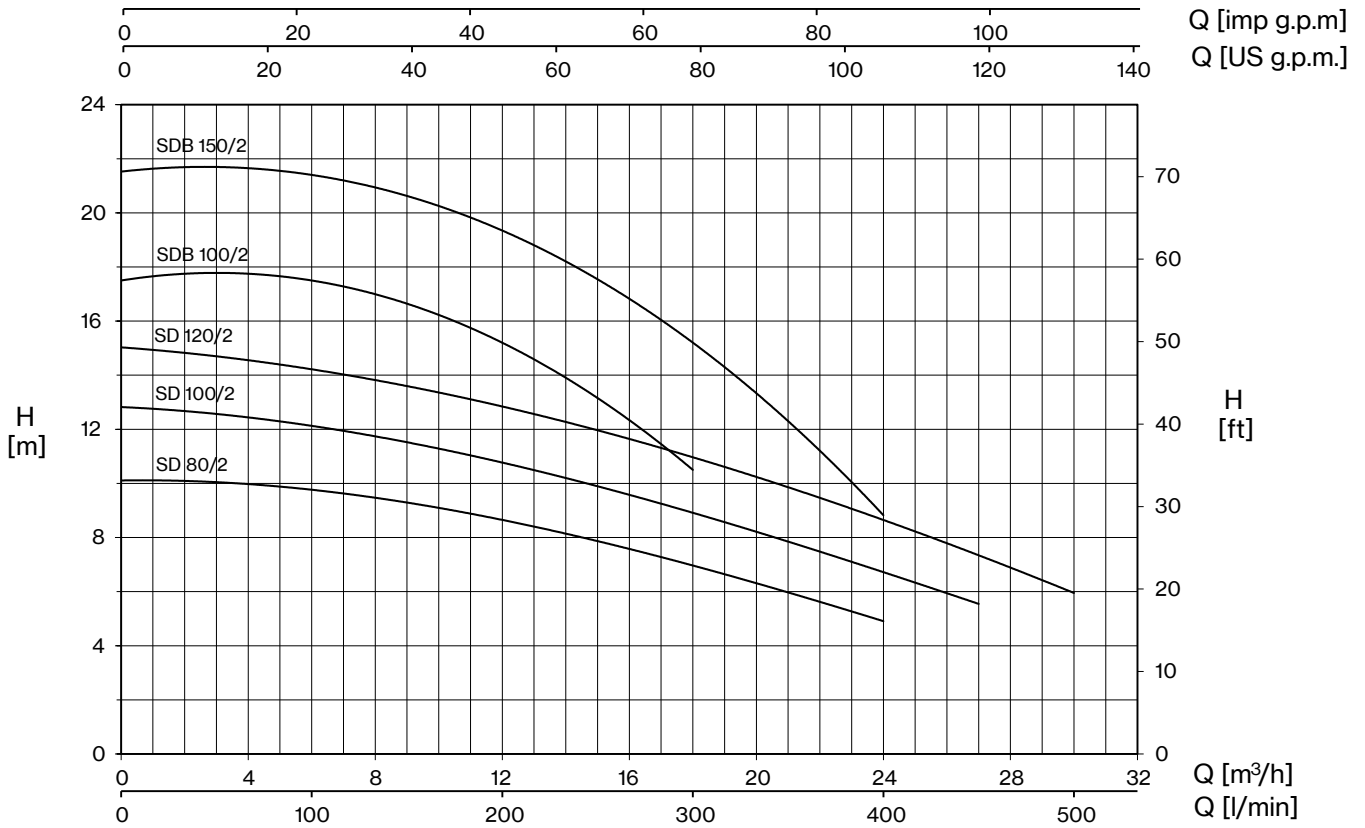
	3- 230/400V-50Hz
<b>2 Poles induction motor</b>	1- 230V-50Hz (with thermal protection up to MEC 80)
<b>Insulation class</b>	F
<b>Protection degree</b>	IPX4



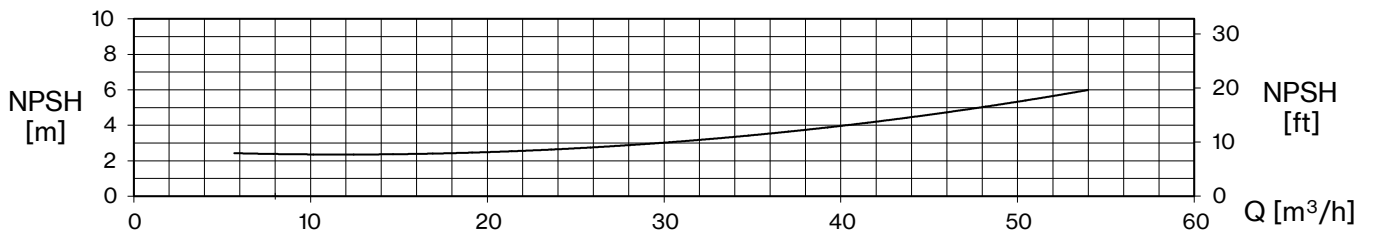
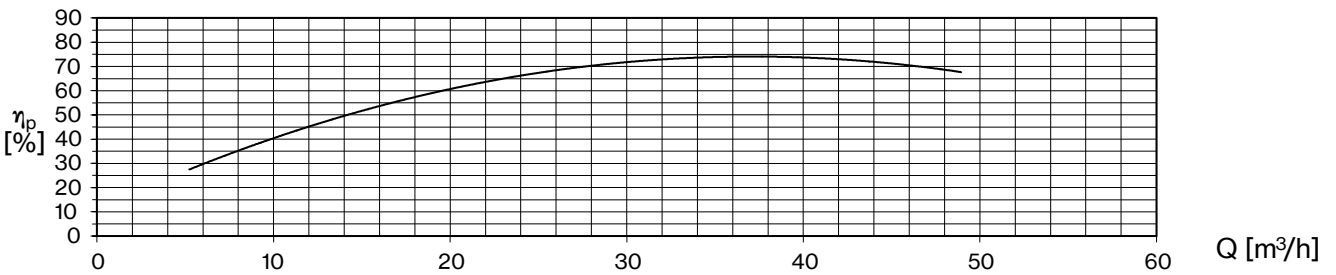
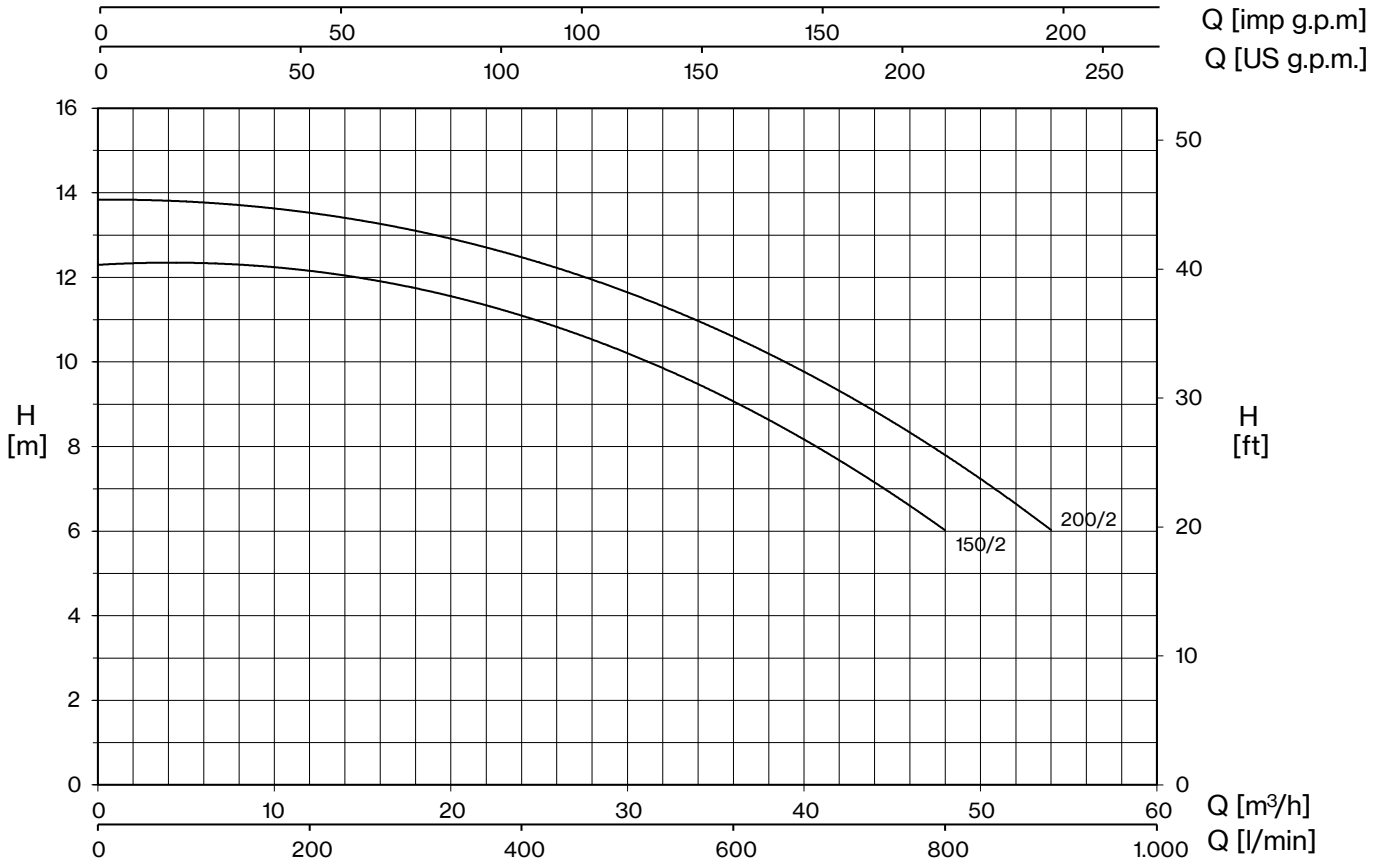
TYPE	LOTS			
	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
SD 80/2-120/2	90×110×145	65	90×110×195	91
SD 150/2-200/2	85×110×140	40	85×110×205	60
SD 200/3-300/3	85×110×150	30	85×110×180	60
SD 400/4-550/4	80×120×150	30	80×120×180	60



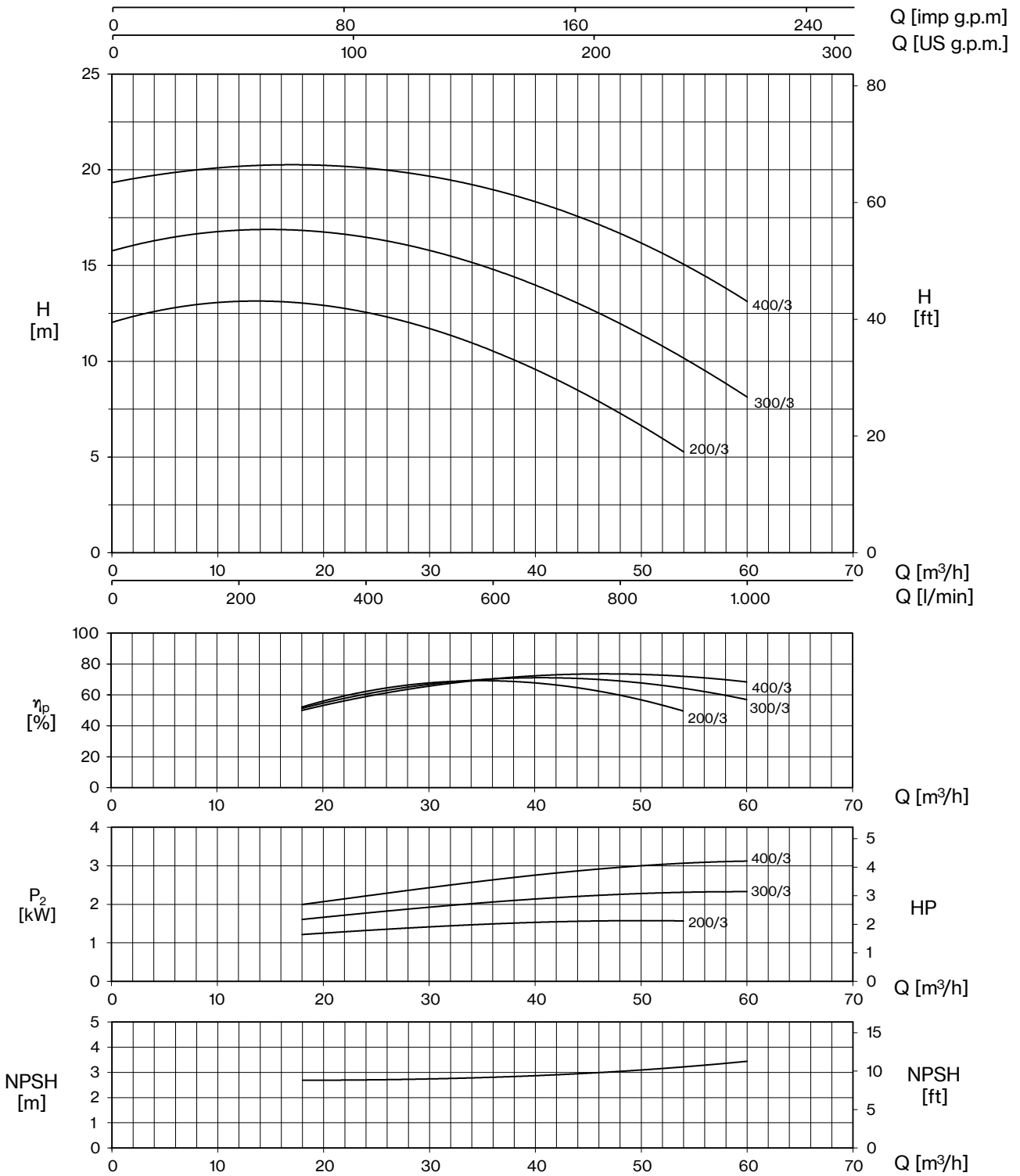
# SD



TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)						
1~	3~					1~	3~	0	6	12	18	24	27	30
		HP	kW	1~	3~	1x230 V 50 Hz	3x400 V 50 Hz	H (m)						
SD 80/2	SD 80/2 T	0,8	0,59	0,8	0,7	3,5	1,3	10,1	9,8	8,6	7,0	4,9		
SD 100/2	SD 100/2 T	1	0,74	1,0	0,85	4,5	1,6	12,8	12,2	10,7	8,9	6,8	5,5	
SD 120/2	SD 120/2 T	1,2	0,9	1,2	1,1	5,4	2	15,0	14,3	12,8	10,9	8,7	7,4	5,9
SDB 100/2	-	1	0,74	1,23	-	6,0	-	17,5	17,5	15,2	10,5			
SDB 150/2	SDB 150/2 T	1,5	1,1	1,78	1,65	8,5	3	21,5	21,5	19,2	15,3	8,8		

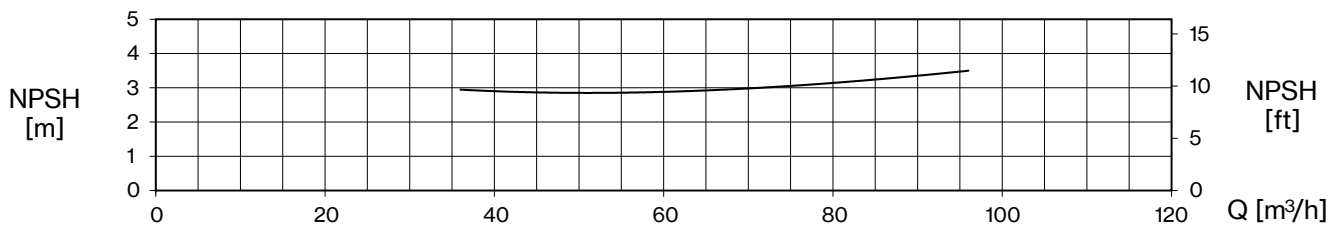
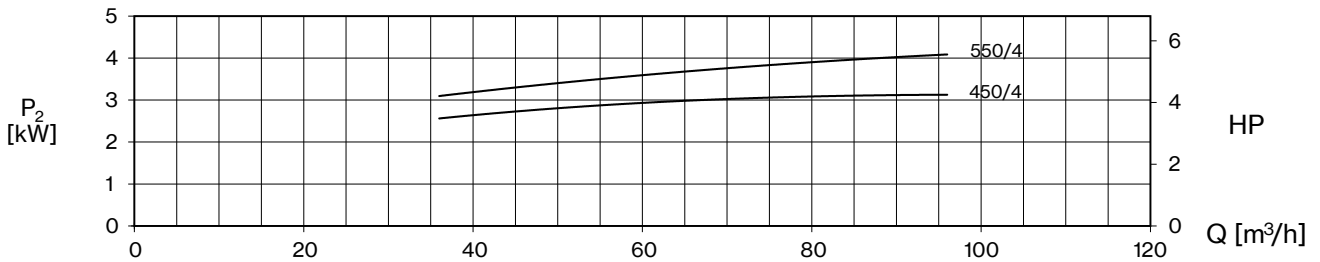
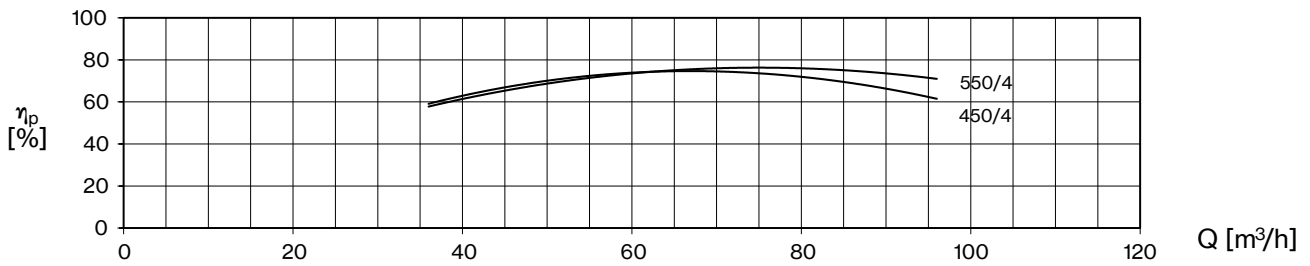
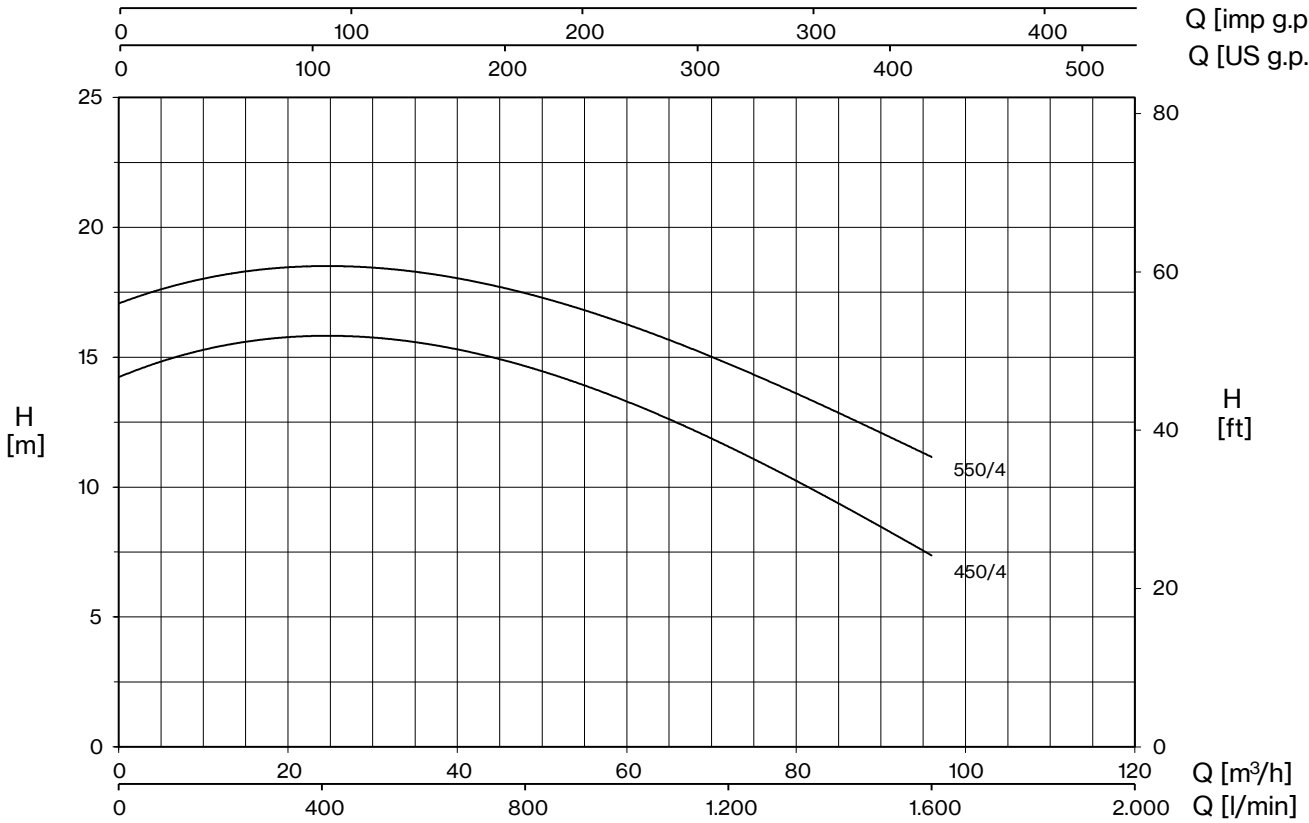


TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)											
1~	3~	HP	kW	1~	3~	1~	3~	0	6	12	18	24	30	36	42	48	54		
								0	100	200	300	400	500	600	700	800	900		
						1x230 V 50 Hz		3x400 V 50 Hz		H (m)									
SD 150/2	SD 150/2 T	1,5	1,1	1,85	1,8	8,8	3,3	12,3	12,3	12,2	11,8	11,0	10,2	9,1	7,7	6			
SD 200/2	SD 200/2 T	2	1,5	2,1	2,1	10	3,9	13,8	13,8	13,6	13,1	12,4	11,6	10,6	9,4	7,8	6,0		

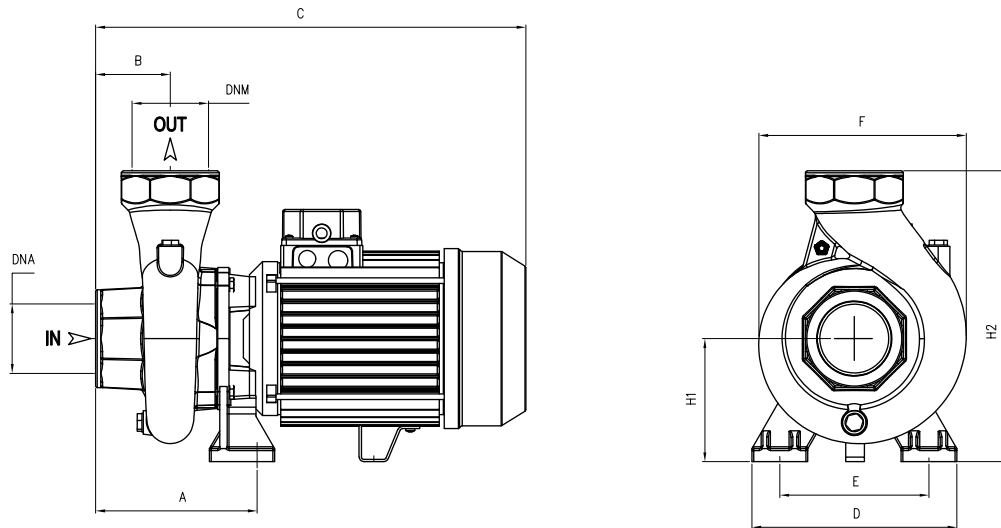


TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)									
1~	3~	HP	kW	1~	3~	1~	3~	0	18	24	30	36	42	48	54	60	
								0	300	400	500	600	700	800	900	1000	
						1x230 V 50 Hz		3x400 V 50 Hz		H (m)							
SD 200/3	SD 200/3 T	2	1,5	1,9	1,9	8,9	3,5	12,0	13,0	12,6	11,8	10,6	9,0	7,2	5,3		
SD 300/3	SD 300/3 T	3	2,2	2,7	2,7	12,4	5,0	15,8	16,8	16,5	15,7	14,7	13,6	12,0	10,1	8,2	
-	SD 400/3 T	4	3	-	3,6	-	6,6	19,3	20,3	20,1	19,6	18,9	18,0	16,8	15,0	13,1	

Q [imp g.p.m.]  
Q [US g.p.m.]



TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - l/min)						
1~	3~	HP	kW	1~	3~	1x230 V 50 Hz	3x400 V 50 Hz	0	36	48	60	72	84	96
								0	600	800	1000	1200	1400	1600
								H (m)						
SD 450/4	SD 450/4 T	4	3	3,6	3,6	16,1	6,5	14,2	15,5	14,7	13,4	11,5	9,6	7,4
-	SD 550/4 T	5,5	4	-	4,7	-	8,5	17,1	18,3	17,4	16,3	14,7	13,1	11,1



TYPE	DIMENSIONS (mm)														
	A	B	C	D	E	F	H1	H2	DNA	DNM	I	L	M	kg	T
<b>SD 75/2</b>	127	45	315	155	115	178	97	247	2" G	2" G	340	195	280	14,5	T 14
<b>SD 100/2</b>	127	45	315	155	115	178	97	247			340	195	280	16	T 25
<b>SD 120/2</b>	127	45	315	155	115	178	97	247			340	195	280	16,5	T 16
<b>SDB 100/2</b>	130	70	365	180	130	195	90	240			390	230	325	19	
<b>SDB 150/2</b>	130	70	365	180	130	195	90	240	390	230	325	20	T 19		
<b>SD 150/2</b>	150	53	370	180	140	218	115	285	2" G	2" G	390	230	325	24,5	T 23,5
<b>SD 200/2</b>	150	53	370	180	140	218	115	285			390	230	325	25	T 24,5
<b>SD 200/3</b>	176,5	80	485	200	140	225	112	292	3" G	3" G	520	235	320	29	T 28
<b>SD 300/3</b>	176,5	80	485	200	140	225	112	292			520	235	320	32,5	T 30
<b>SD 400/3 T</b>	176,5	80	485	200	140	225	112	292	4" G	4" G	520	235	320	32,5	
<b>SD 450/4</b>	165	85	515	220	160	250	130	330			546	265	355	46	T 42
<b>SD 550/4 T</b>	165	85	515	220	160	250	130	330	546	265	355	46			