CH

Threaded Centrifugal



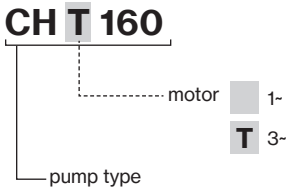
Centrifugal pumps characterized by medium flow rate and stable head as the flow rate changes. Suitable for flood and sprinkler irrigation, water withdrawal from reservoirs or canals and industrial applications.

Construction features

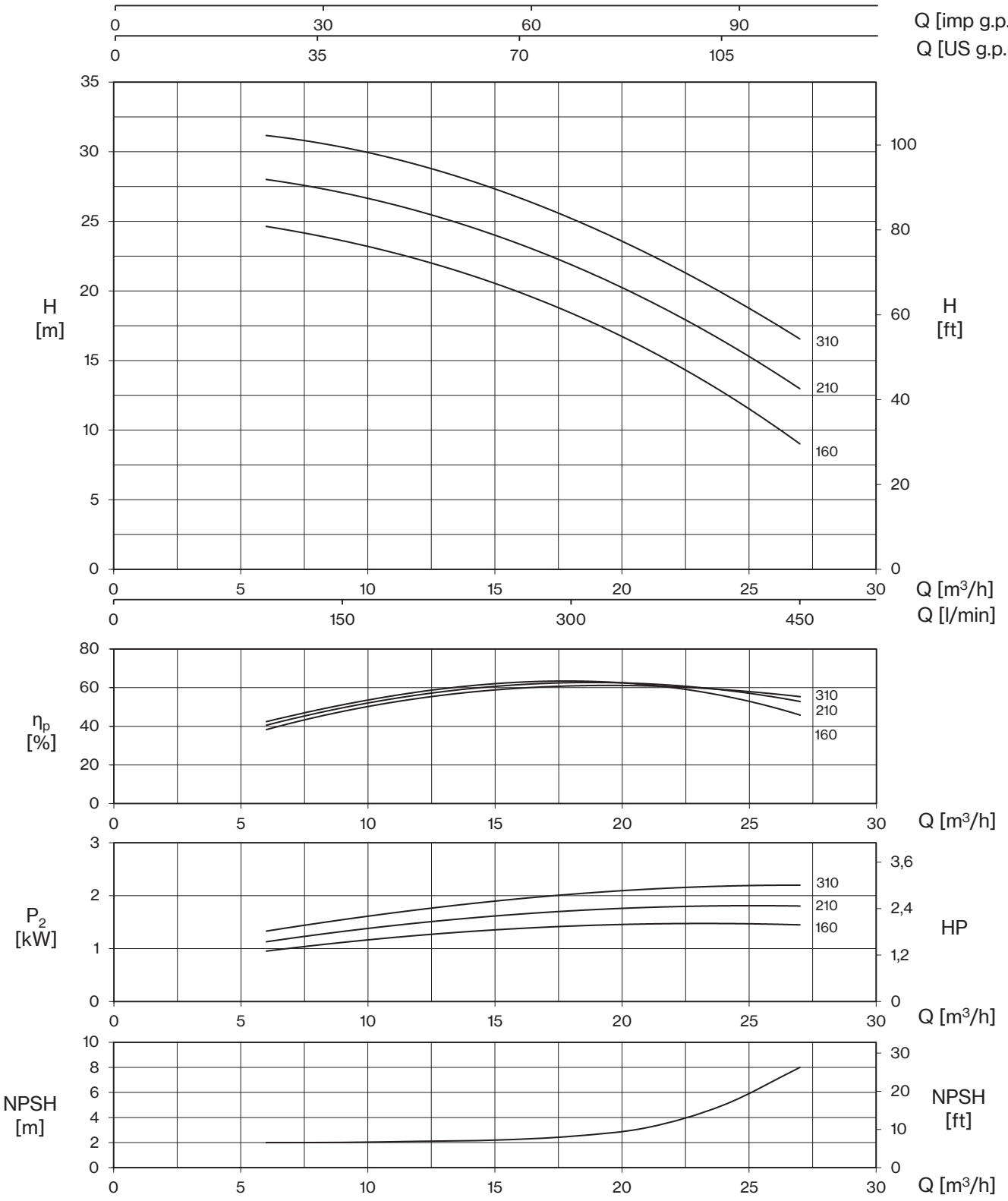
Pump body	cast iron
Motor bracket	cast iron
Impeller	brass (160÷310) cast iron (350÷550)
Mechanical seal	ceramic-graphite-NBR
Motor shaft	stainless steel AISI 303
Liquid temperature	0 - 90 °C
Operating pressure	max 6 bar

Motor

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

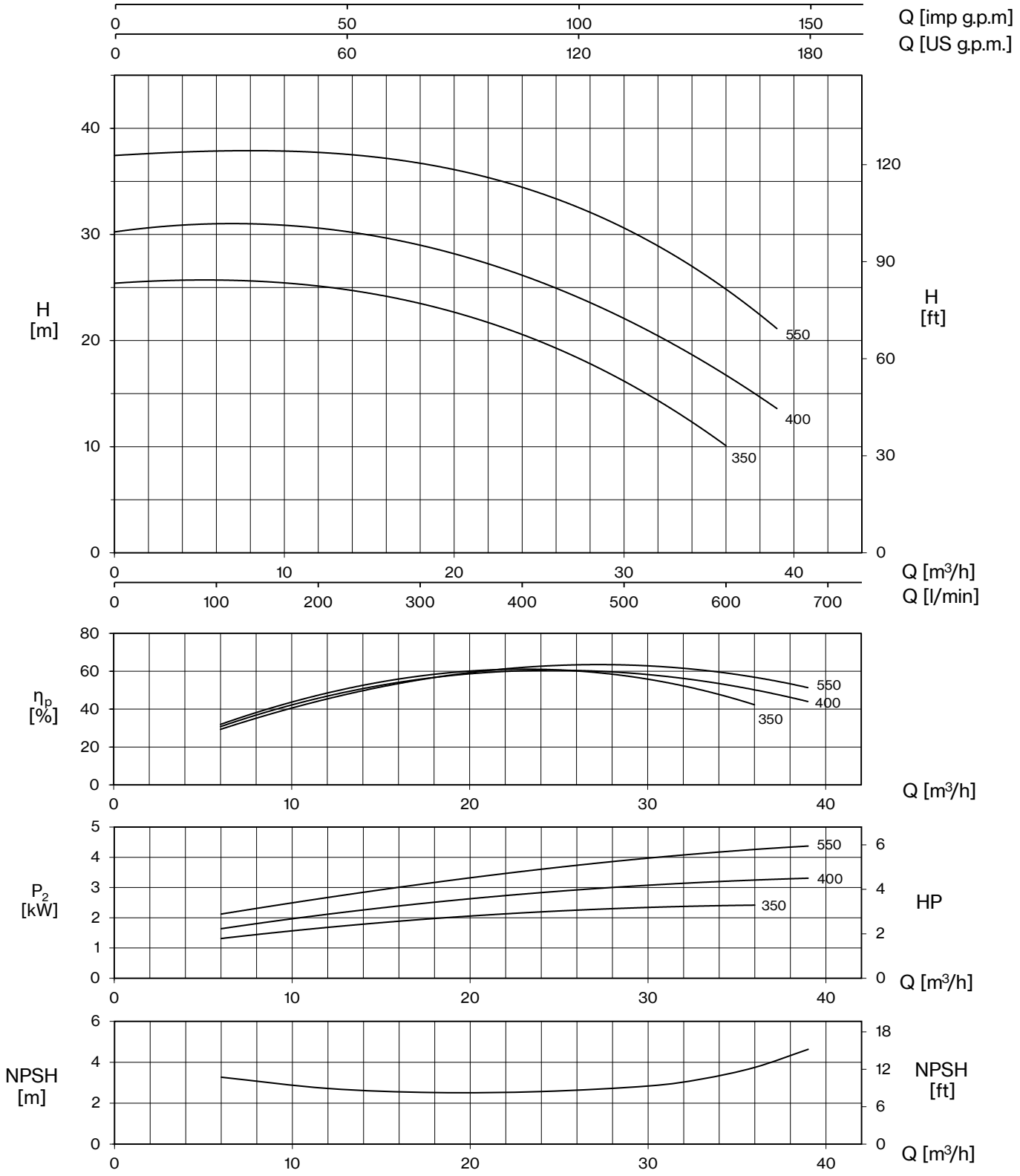


LOTS				
TYPE	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
CH(T) 160÷210	85×110×170	40	85×110×200	48
CH 310	80×120×145	24	80×120×175	30
CHT 310	85×110×170	40	85×110×200	48
CH(T) 350÷550	85×110×150	30	85×110×180	30

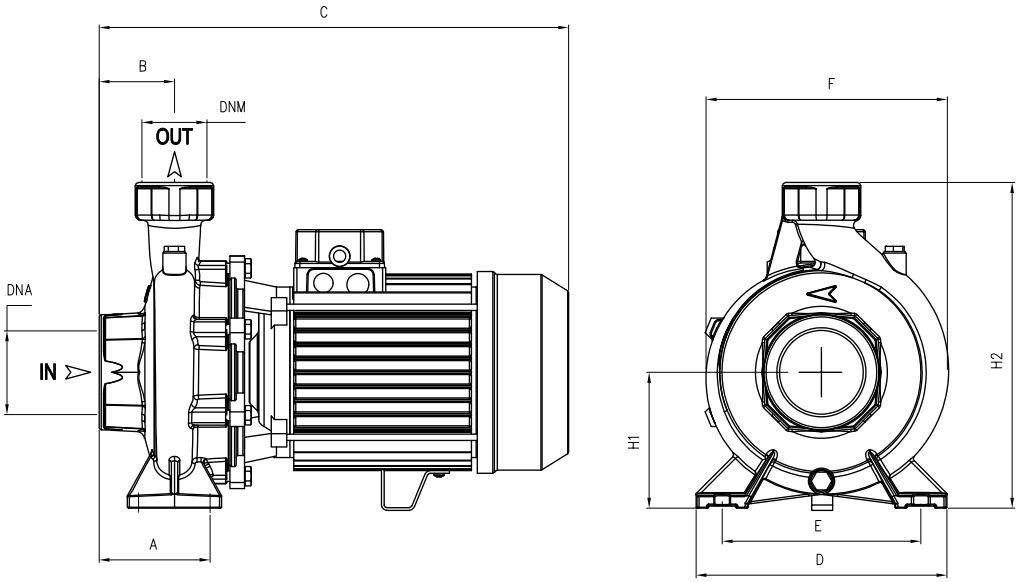


TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)								
1~	3~			1~	3~	1~ 230V	3~ 400V	0	6	9	12	15	18	21	24	27
								0	100	150	200	250	300	350	400	450
		HP	kW	kW		A		H (m)								
CH 160	**CHT 160**	2	1,5	1,8	1,8	8,2	3,7	24,8	24,6	23,7	22,3	20,5	18,4	15,8	12,8	9,0
CH 210	**CHT 210**	2,5	1,85	2,3	2,1	10,4	4,3	28,3	28,0	27,1	25,7	23,9	21,9	19,3	16,4	13,0
CH 310	**CHT 310**	3	2,2	2,6	2,6	12,3	5,2	31,6	31,2	30,3	29,0	27,3	25,3	22,7	19,7	16,6

CH



TYPE - 50 Hz		P2		P1		CURRENT		Q (m³/h - l/min)								
1~	3~			1~	3~	1~ 230V	3~ 400V	0	6	12	18	24	30	33	36	39
								0	100	200	300	400	500	550	600	650
		HP	kW	kW		A		H (m)								
CH 350	**CHT 350**	3	2,2	2,8	2,8	12,7	5,2	25,4	25,6	25,3	23,5	20,5	16,2	13,5	10,0	
CH 400	**CHT 400**	4	3,0	3,8	3,8	17,0	6,9	30,3	30,8	30,7	29,1	26,1	22	19,5	16,7	13,6
-	**CHT 550**	5,5	4,0		5,0	-	9,1	37,4	37,8	37,9	36,8	34,3	30,2	28,2	25,5	20,7



TYPE		DIMENSIONS (mm)													Kg	
~1	~3	A	B	C	D	E	F	H1	H2	DNA	DNM	I	L	M	~1	~3
CH 160	**CHT 160**	105	48	395	200	160	215	110	285	2" G	2" G	420	230	309	26,5	27,5
CH 210	**CHT 210**	105	48	395	200	160	215	110	285			420	230	309	26	26,5
CH 310	**-**	105	48	465	200	160	215	110	285			520	235	320	35,5	-
-	**CHT 310**	105	48	395	200	160	215	110	285			420	230	309	-	28
CH 350	**-**	105	70	465	240	190	240	126	306	3" G	2" G	530	280	355	38	-
-	**CHT 350**	105	70	425	240	190	240	126	306			530	280	355	-	35
CH 400	**-**	105	70	480	240	190	240	126	306			530	280	355	45,5	-
-	**CHT 400**	105	70	465	240	190	240	126	306			530	280	355	-	38,5
-	**CHT 550**	105	70	480	240	190	240	126	306			530	280	355	-	45,5