



UMB-G Stainless steel pumps

Design Feature:

Liquids temperature:	10°C to 105°C
Maximum pressure:	10 bar
Motor type:	TEFC, Class F, IP 55
Voltage:	3/50/380 ~ 440
Materials:	SUS 304 wetted parts – Casing, Impeller, Shaft & back cover.

Applications:

Transfer of clean liquids

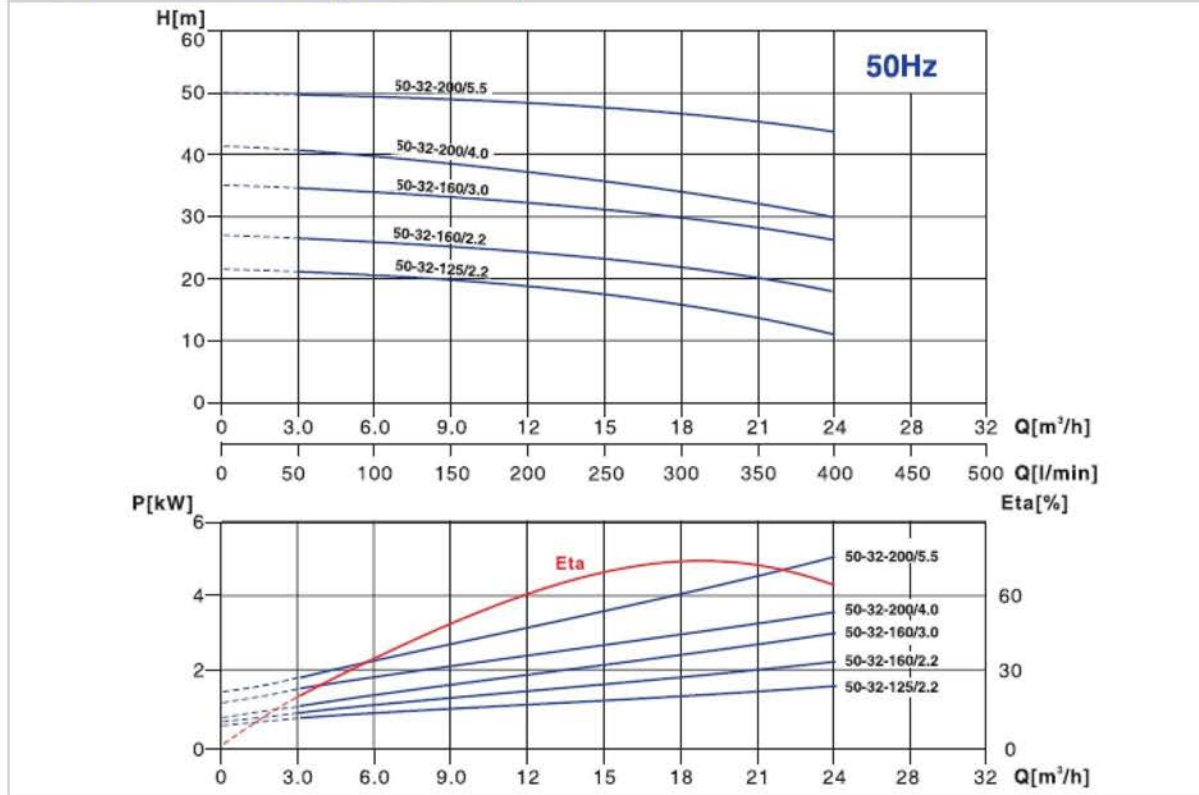
Water supply

Water treatment

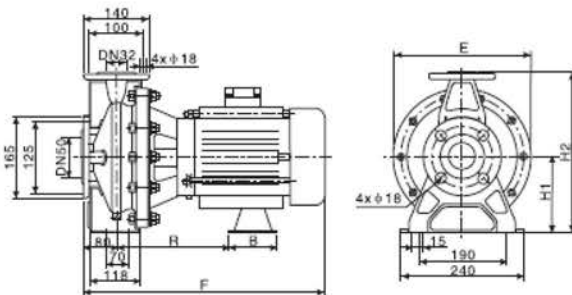
Food industries

Pharmaceutical

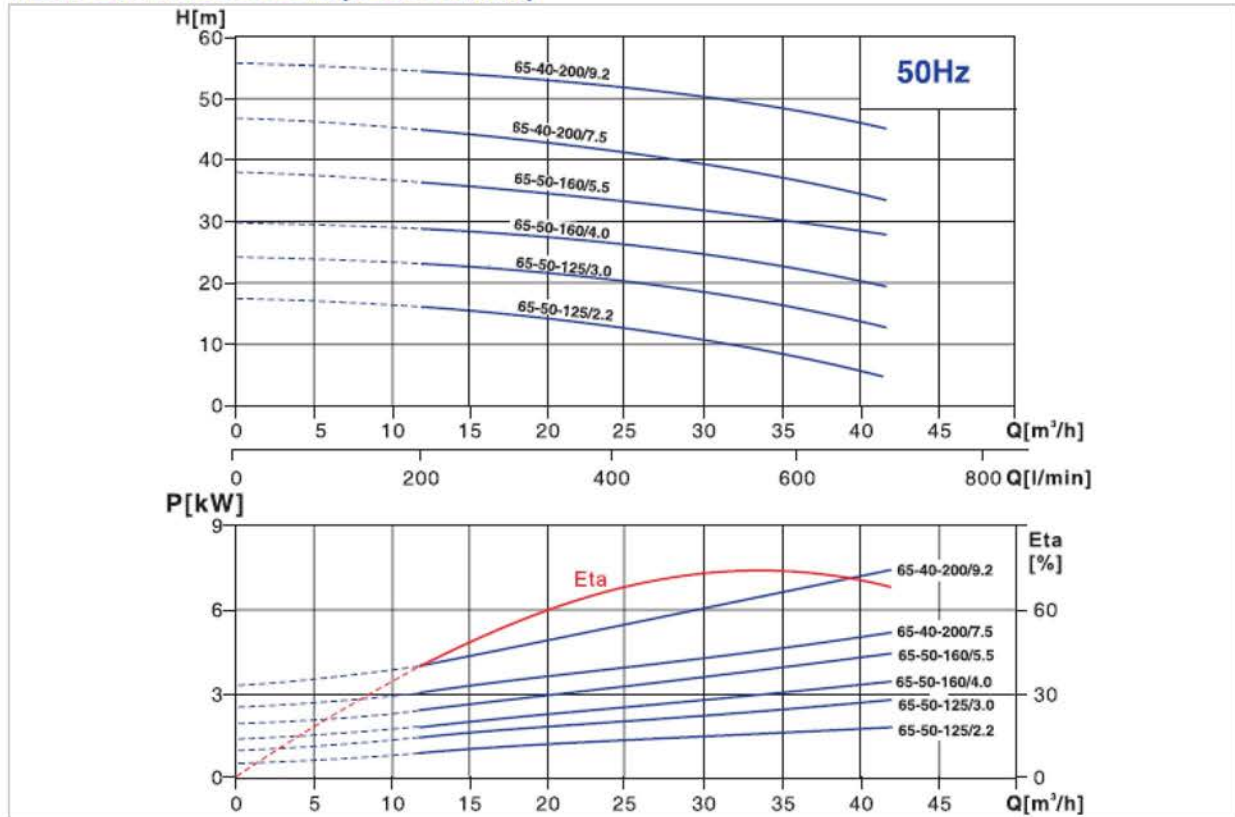
Booster system

UMB-G 50
PERFORMANCE SCOPE (n=2900r/min)

PERFORMANCE TABLE

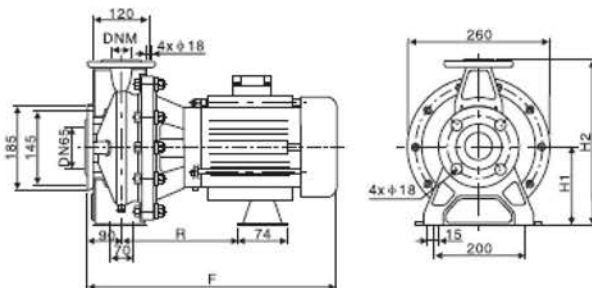
MODEL	POWER(P _e)		Q	Q								
	kW	HP		m³/h	3.0	6.0	9.0	12	15	18	20	24
				l/min	50	100	150	200	250	300	333	400
50-32-125/2.2	2.2	3.0	H (m)		21	20.5	20	19	17.5	16.5	15	11
50-32-160/2.2	2.2	3.0			26	25.5	25	24	23.5	21.5	20	18
50-32-160/3.0	3.0	4.0			35	34	33	32	31	30	29	27
50-32-200/4.0	4.0	5.5			40.5	40	38.5	37.5	36	34	33	30
50-32-200/5.5	5.5	7.5			50	49.5	49	48.5	48	47.5	47	44.5

INSTALLATION SKETCH


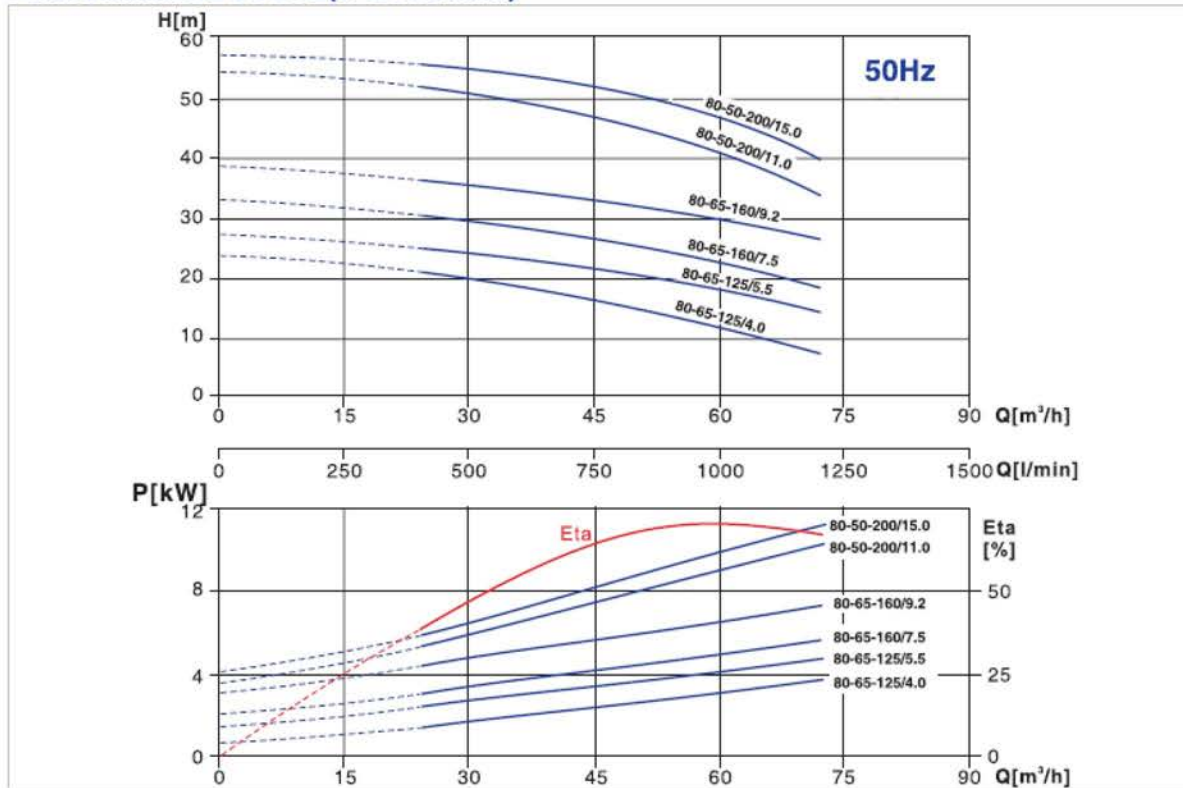
MODEL	SIZE(mm)						WEIGHT (kg)
	E	F	H1	H2	B	R	
50-32-125/2.2	244	460	132	292	74	209	29.8
50-32-160/2.2	244	460	132	292	74	209	30
50-32-160/3.0	244	460	132	292	74	209	38.5
50-32-200/4.0	295	520	160	340	45	238	43.8
50-32-200/5.5	295	520	160	340	45	238	64.8

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PERFORMANCE SCOPE (n=2900r/min)

PERFORMANCE TABLE

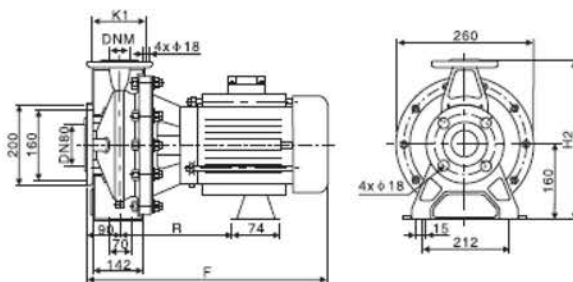
MODEL	POWER (P ₂)		Q	H (m)													
	kW	HP		m³/h	12	15	18	20	24	27	30	33	36	39	42		
			l/min	200	250	300	333	400	450	500	550	600	650	700			
65-50-125/2.2	2.2	3.0		15.5	15	14.5	14	13	12	11	10	8	6				
65-50-125/3.0	3.0	4.0		21.8	21.5	21.3	21.2	20.7	20.2	19.5	18.4	16	14.5	12.5			
65-50-160/4.0	4.0	5.5		28.5	28	27.4	27.1	26.3	25.4	24.3	22.9	21.7	20.5	19			
65-50-160/5.5	5.5	7.5		36	35	34.5	33.8	33	32	31.5	31	30.5	29.8	29			
65-40-200/7.5	7.5	10		44.5	43.5	42.5	42	41.8	41	40	38.5	37	35	33			
65-40-200/9.2	9.2	12.5		53.5	52.8	52	51.5	51	50.5	50	49.5	49	47	45.5			

INSTALLATION SKETCH


MODEL	SIZE (mm)					WEIGHT (kg)
	F	H1	H2	R	DNM	
65-50-125/2.2	460	132	292	209	50	30.4
65-50-125/3.0	460	132	292	209	50	38.8
65-50-160/4.0	460	132	292	209	50	64.8
65-50-160/5.5	460	132	292	209	50	42
65-40-200/7.5	540	160	340	238	40	63
65-40-200/9.2	540	160	340	238	40	71.2

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PERFORMANCE SCOPE (n=2900r/min)

PERFORMANCE TABLE

MODEL	POWER (P ₂)		Q	H (m)									
	kW	HP		m ³ /h	24	27	30	33	36	39	42	48	60
			l/min	400	450	500	550	600	650	700	800	1000	1200
80-65-125/4.0	4.0	5.5	H (m)	21.6	21.2	20.5	20	19.2	18.2	17.5	15.5	11	8
80-65-125/5.5	5.5	7.5		25.6	25.4	24.9	24.5	23.8	23.3	22.6	21	19	14
80-65-160/7.5	7.5	10		30	29.8	29.5	28.8	28	27	26.5	24.8	23	19
80-65-160/9.2	9.2	12.5		37	36.5	36	35.3	34.5	34	33.8	32	30	27.5
80-50-200/11.0	11	15		52	51	50	49.5	49	48.5	48	46	41	33
80-50-200/15.0	15	20		55	54.8	54.5	54.3	54	53.5	53	51	46.8	40

INSTALLATION SKETCH


MODEL	SIZE (mm)					WEIGHT (kg)
	F	H2	R	K1	DNM	
80-65-125/4.0	488	340	209	145	65	43.8
80-65-125/5.5	488	340	209	145	65	64.8
80-65-160/7.5	550	340	248	145	65	71.2
80-65-160/9.2	550	340	248	145	65	76.7
80-50-200/11.0	550	360	248	125	50	135
80-50-200/15.0	550	360	248	125	50	146