

TECHNICAL DATA SHEETS

Closed Impeller 1500 Pump Curve Booklet

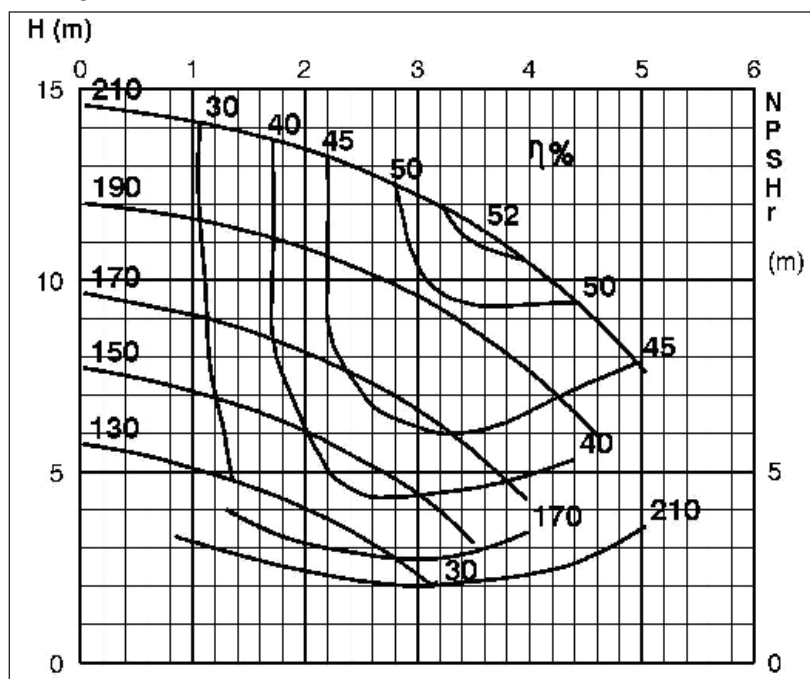


TECHNICAL SPECIFICATIONS

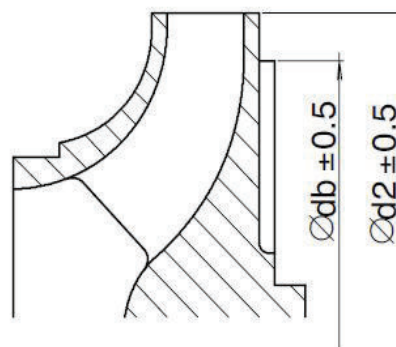
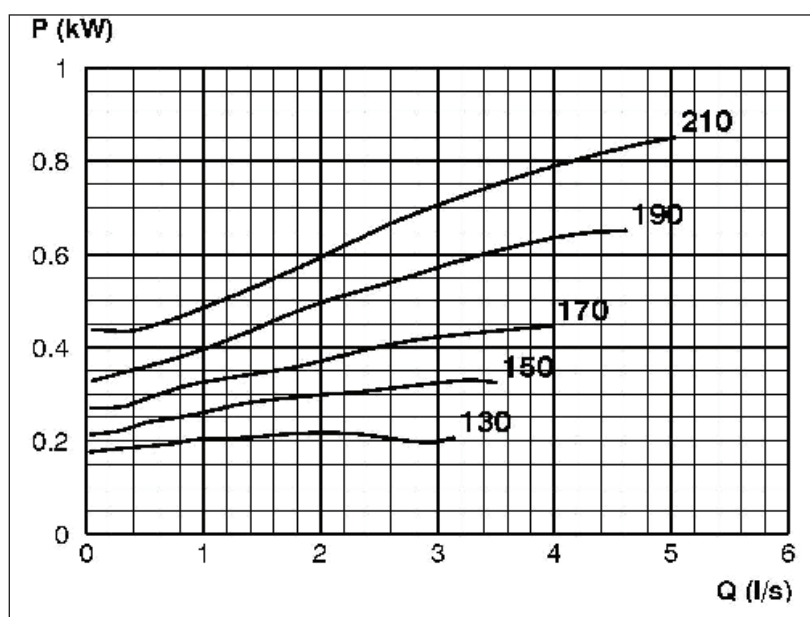
ISP Process Pumps - ISP32-200 ISP Impeller 283902 Closed B4 Z5

Performance Curve - ISP32-200-1420

1420 rpm



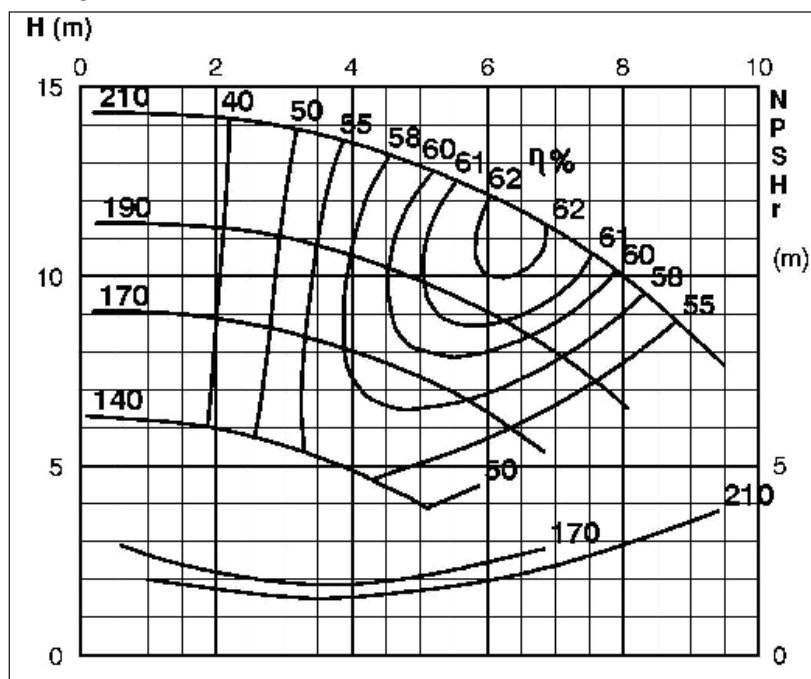
Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
210	149.0
205	147.5
200	146.0
195	144.5
190	143.0
185	141.5
180	140.0
175	138.5
170	137.0
165	135.5
160	134.0
155	132.5
150	131.0
145	129.5
140	128.0
135	126.5
130	125.0



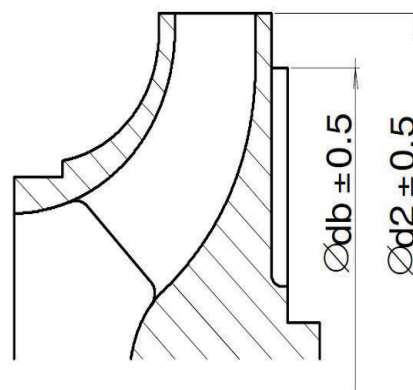
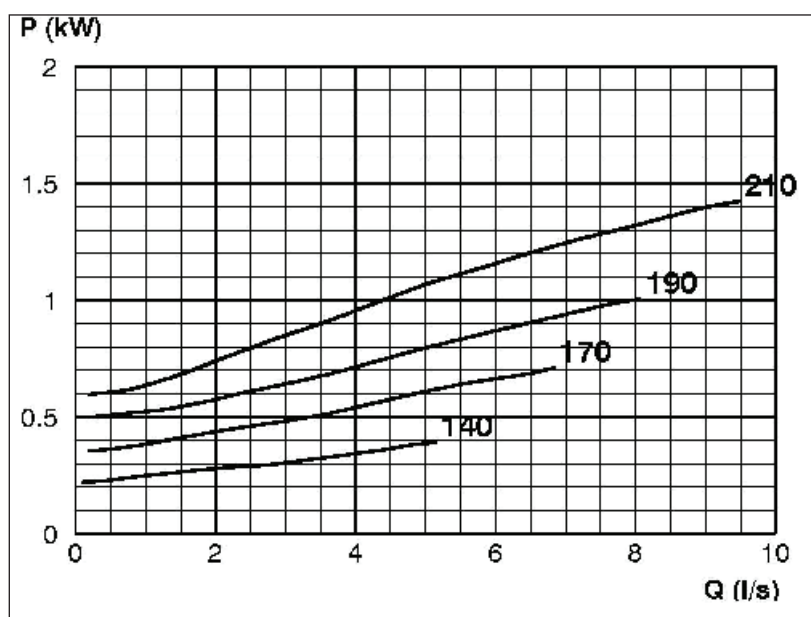
TECHNICAL SPECIFICATIONS

Performance Curve - ISP40-200-1420

1420 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
210	169
205	165
200	160
195	157
190	153
185	151
180	149
175	147
170	145
165	143
160	140
155	139
150	137
145	135
140	132

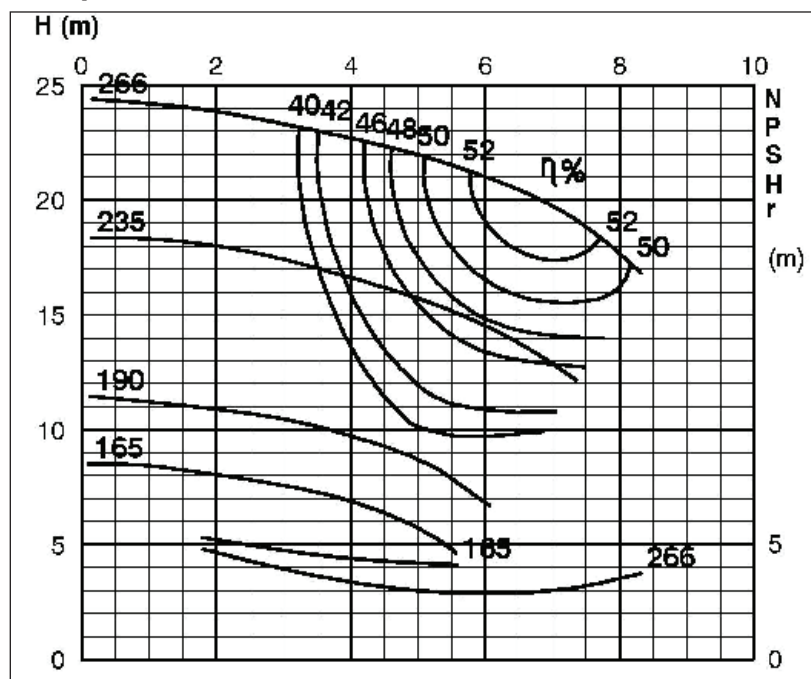


TECHNICAL SPECIFICATIONS

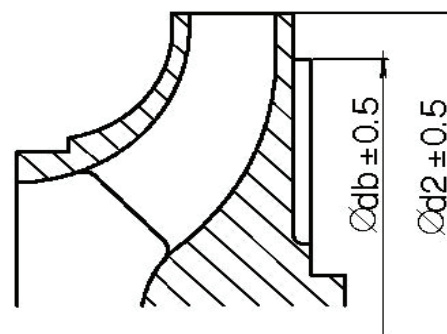
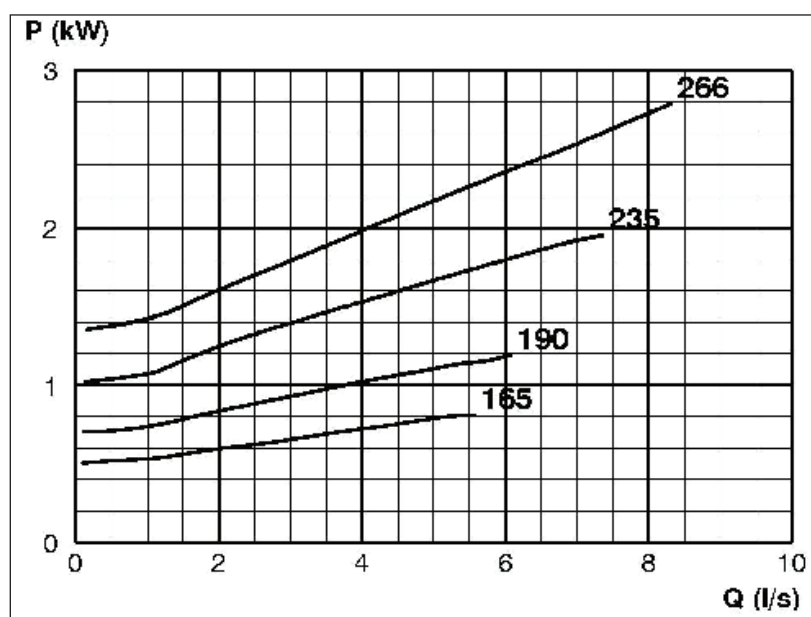
ISP Process Pumps - ISP40-250 ISP Impeller 287014 Closed B5 Z5

Performance Curve - ISP40-250-1440

1440 rpm



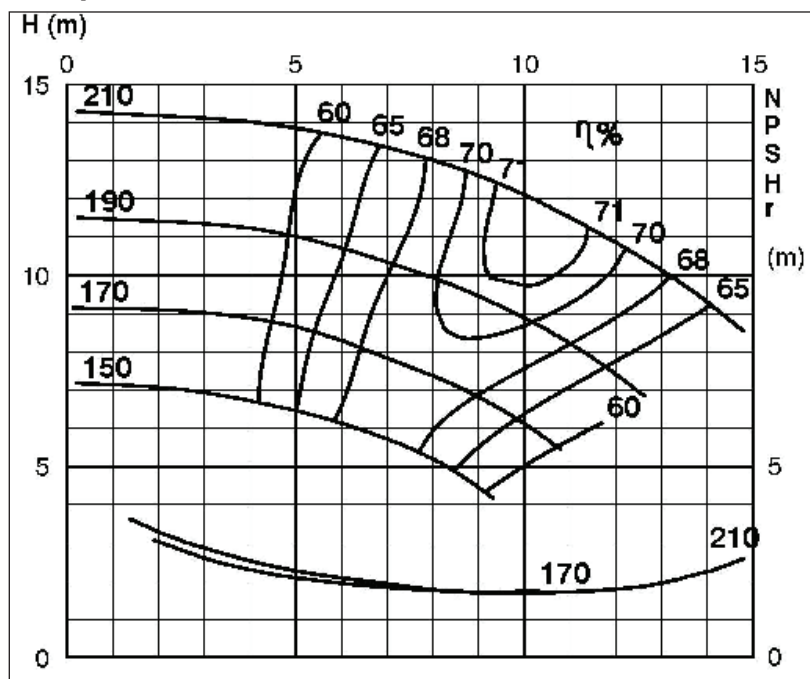
Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
266	175
260	172
255	169
250	166
245	164
240	161
235	159
230	157
225	156
220	154
215	152
210	150
205	148
200	147
195	146
190	144
185	143
180	142
175	141
170	140
165	138



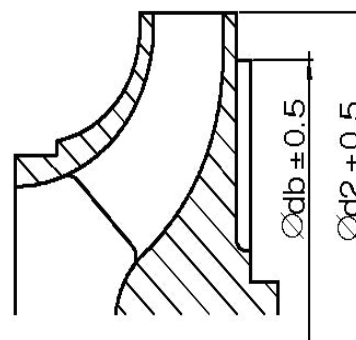
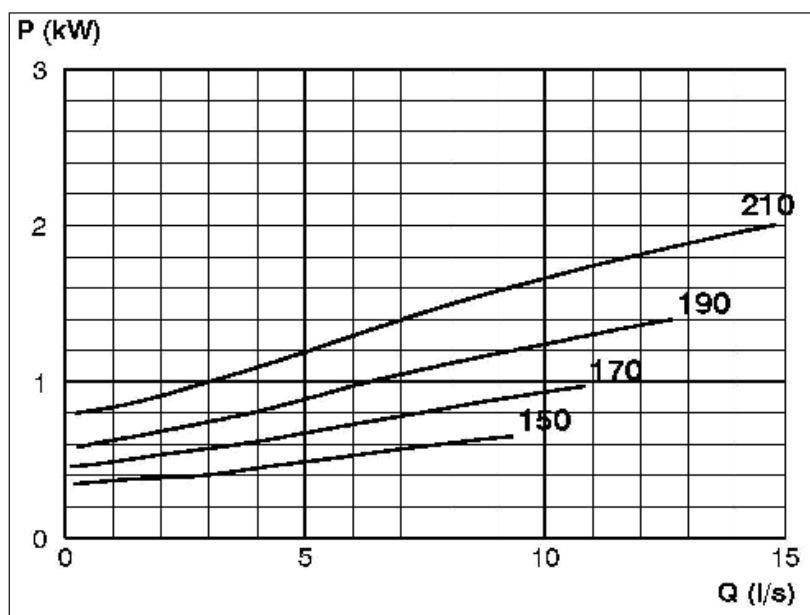
TECHNICAL SPECIFICATIONS

Performance Curve - ISP50-200-1420

1420 rpm



Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
210	177
205	173
200	168
195	165
190	162
185	160
180	158
175	156
170	153
165	151
160	149
155	147
150	144

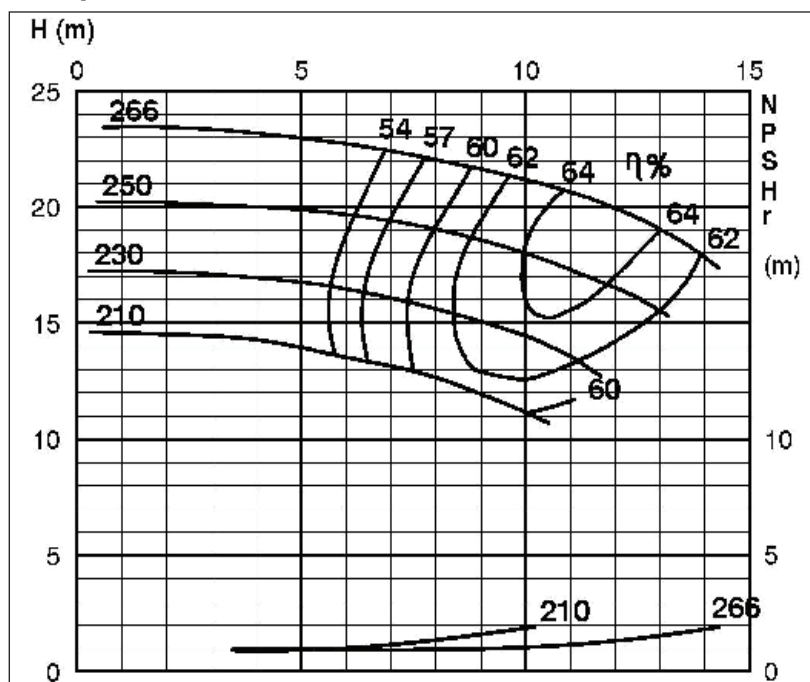


TECHNICAL SPECIFICATIONS

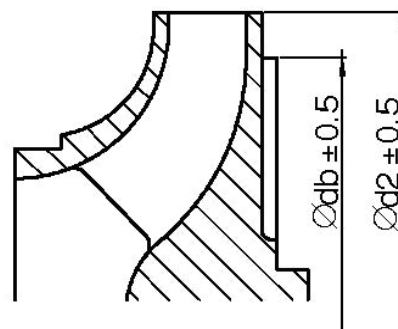
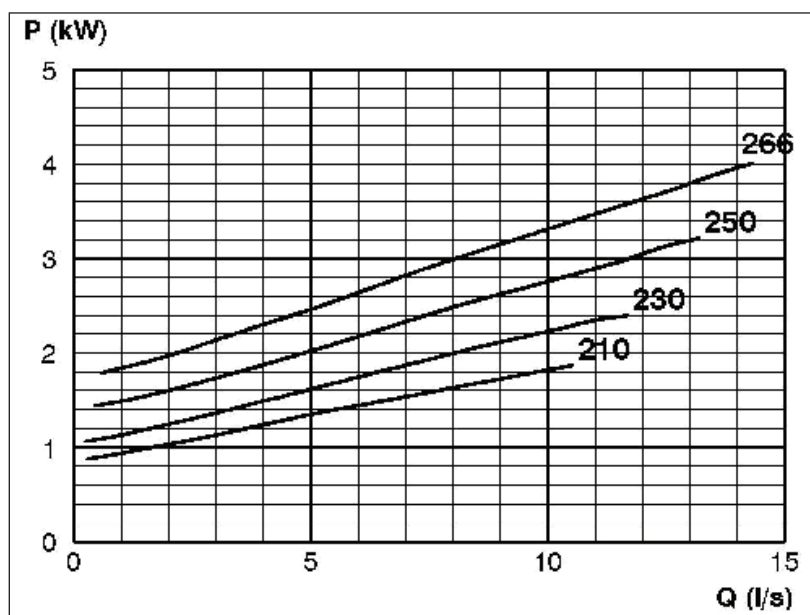
ISP Process Pumps - ISP50-250 ISP Impeller 283907 Closed B8 Z5

Performance Curve - ISP50-250-1440

1440 rpm



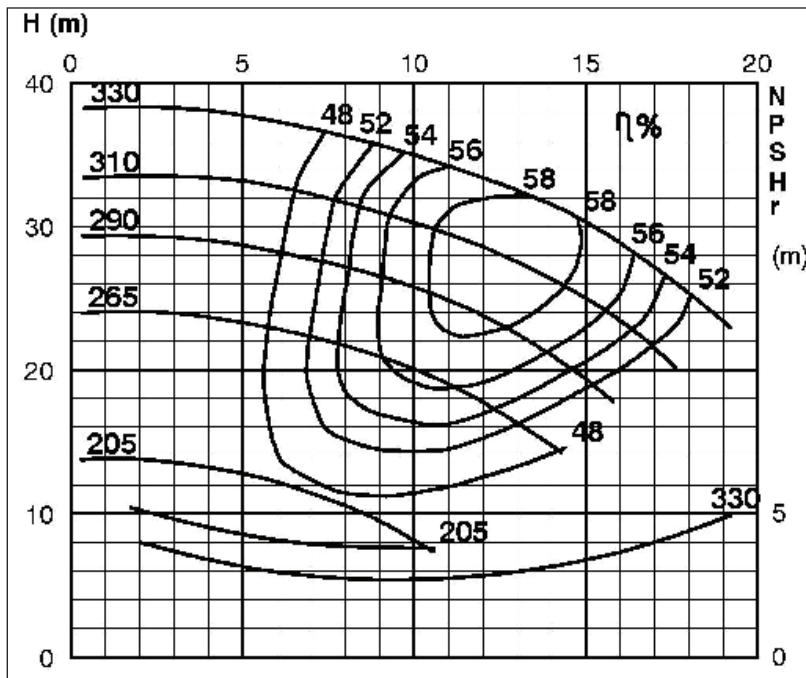
Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
266	194
260	190
255	187
250	184
245	182
240	179
235	177
230	175
225	174
220	172
215	170
210	168



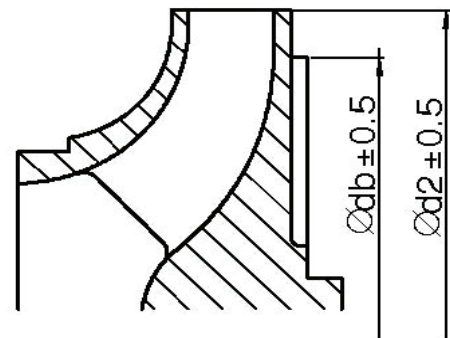
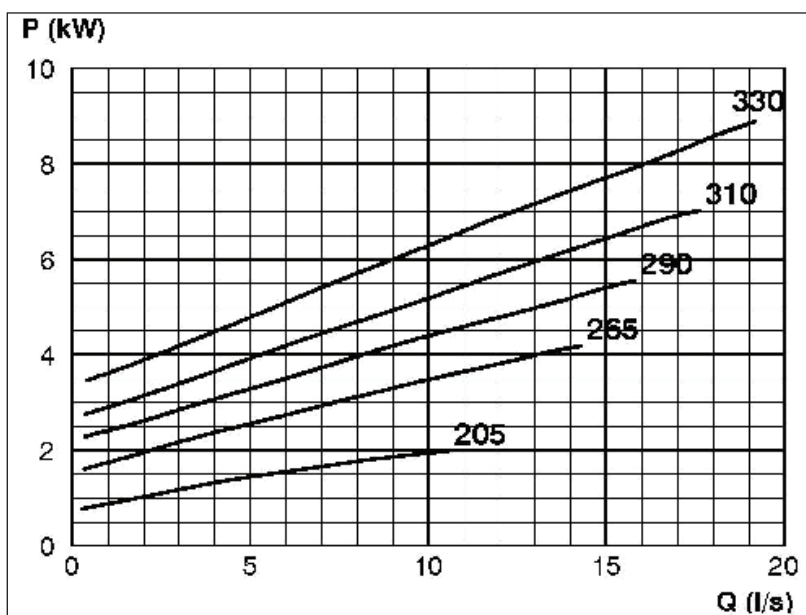
TECHNICAL SPECIFICATIONS

Performance Curve - ISP50-315-1450

1450 rpm



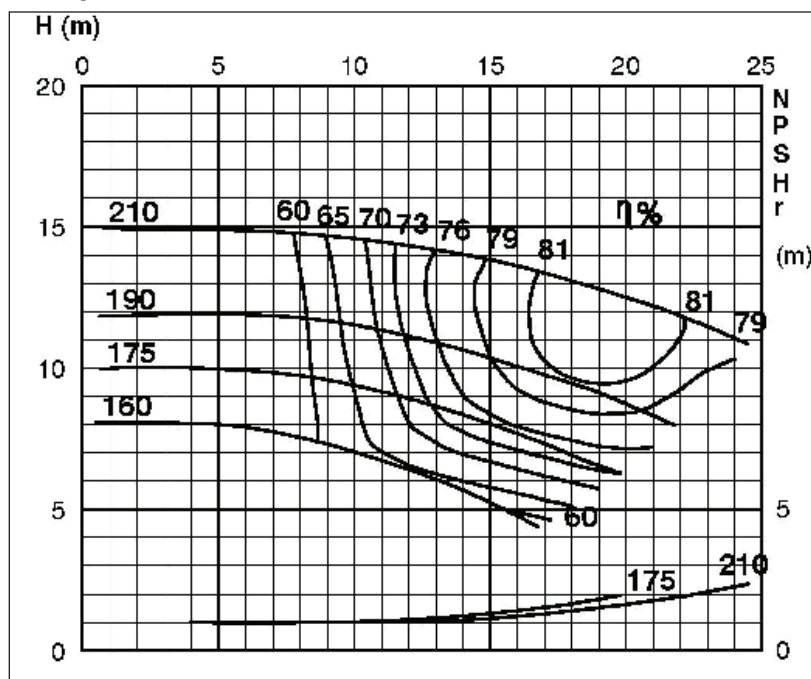
Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
330	220
325	215
320	211
315	207
310	203
305	201
300	199
295	197
290	195
285	194
280	192
275	190
270	188
265	186
260	184
255	182
250	180
245	178
240	176
235	174
230	172
225	169
220	167
215	165
210	163
205	160



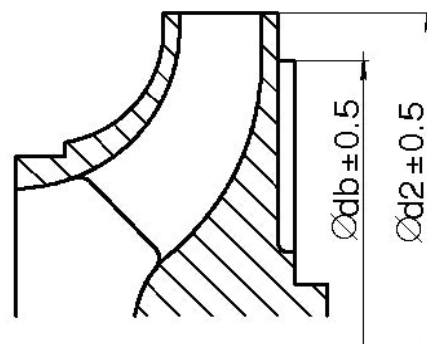
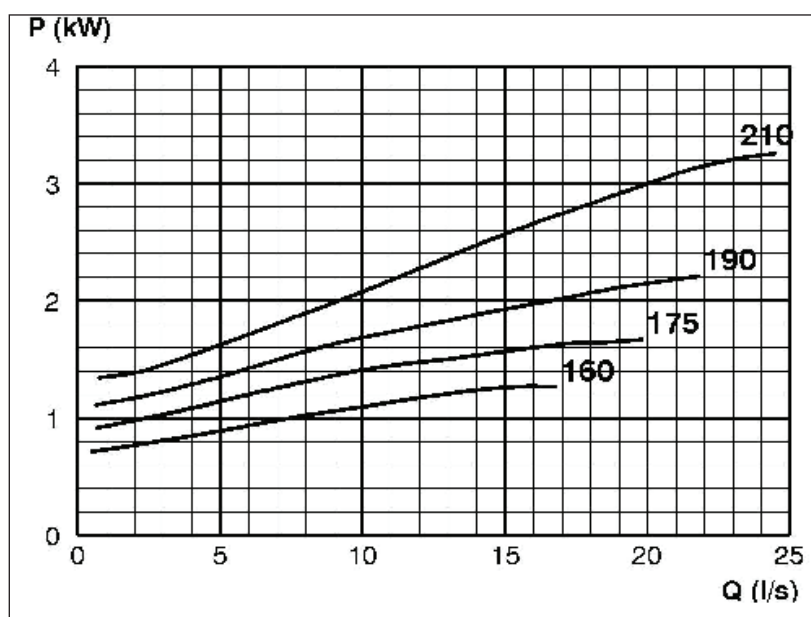
TECHNICAL SPECIFICATIONS

Performance Curve - ISP65-200-1440

1440 rpm



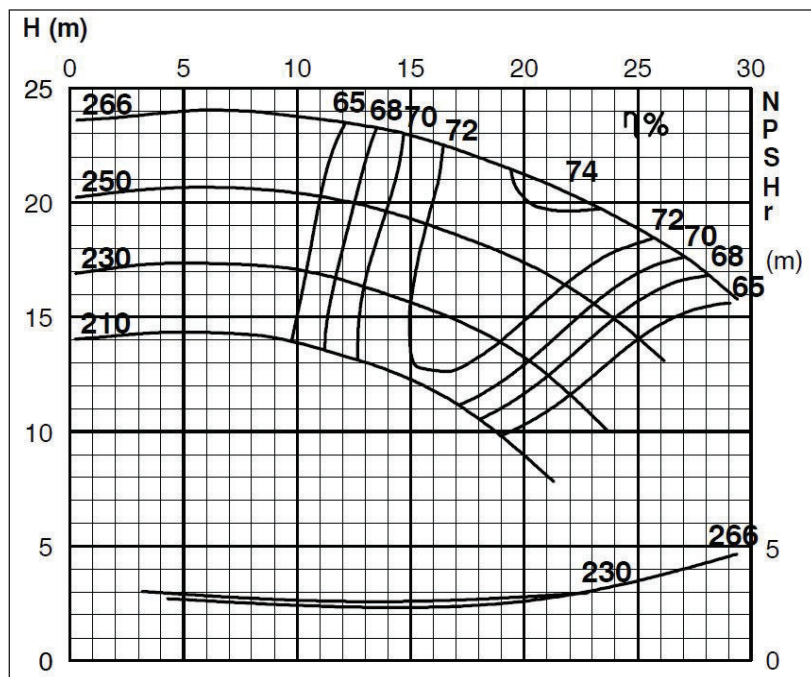
Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
210	193
205	190
200	186
195	183
190	180
185	178
180	175
175	173
170	170
165	167
160	163



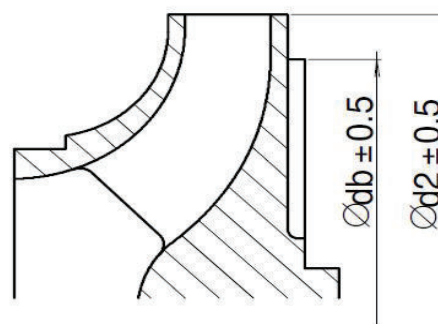
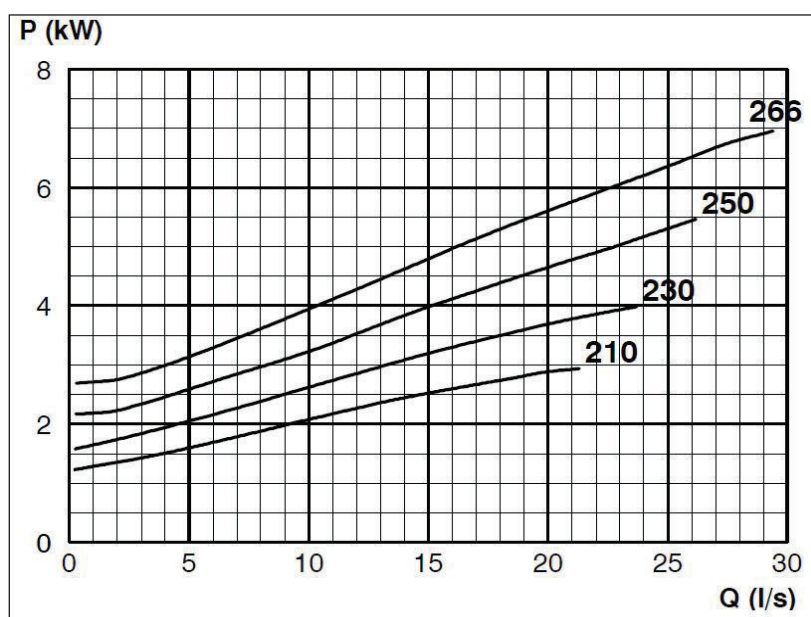
TECHNICAL SPECIFICATIONS

Performance Curve - ISP65-250-1450

1450 rpm



Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
266	215
260	210
255	207
250	204
245	201
240	198
235	197
230	195
225	193
220	190
215	188
210	186

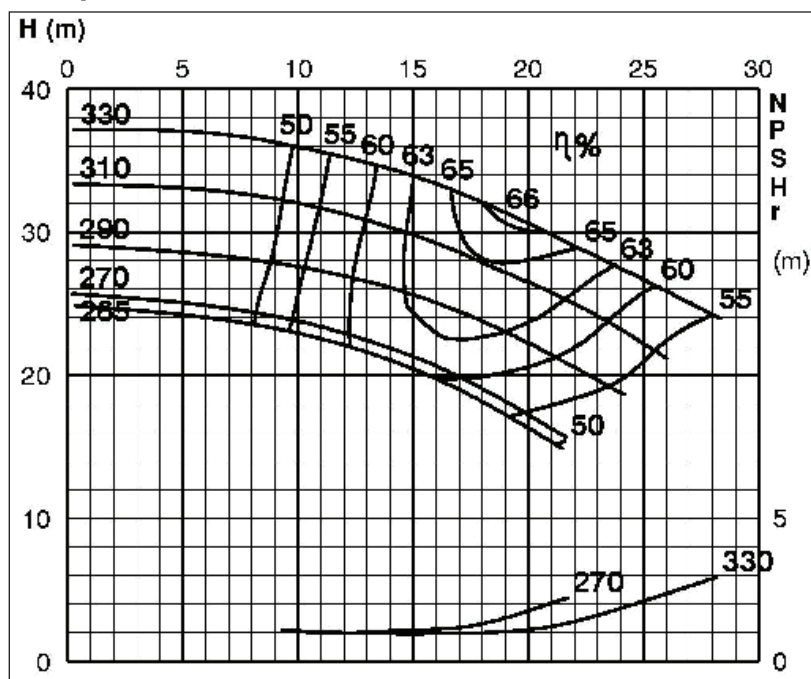


TECHNICAL SPECIFICATIONS

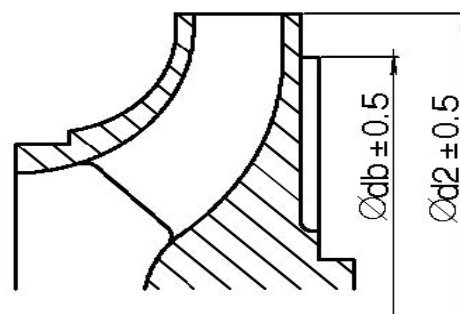
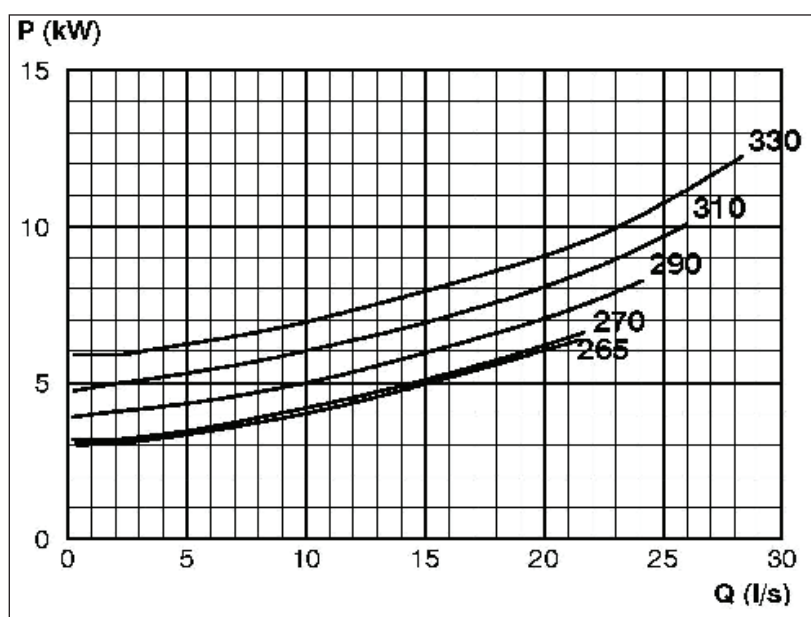
ISP Process Pumps - ISP65-315 ISP Impeller 283913 Closed B9 Z5

Performance Curve - ISP65-315-1450

1450 rpm



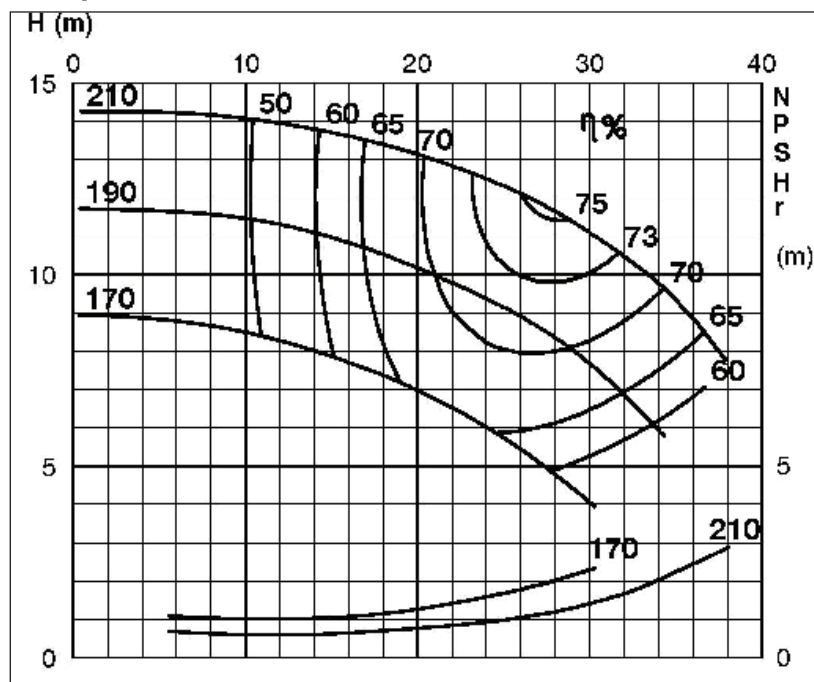
Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
330	240
325	235
320	230
315	226
310	222
305	220
300	218
295	216
290	214
285	213
280	211
275	209
270	207
265	205



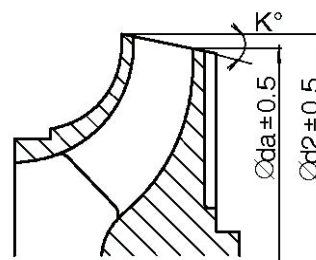
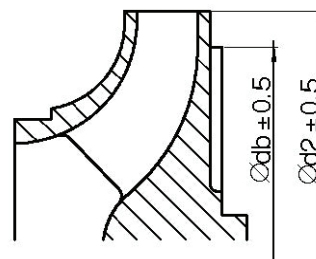
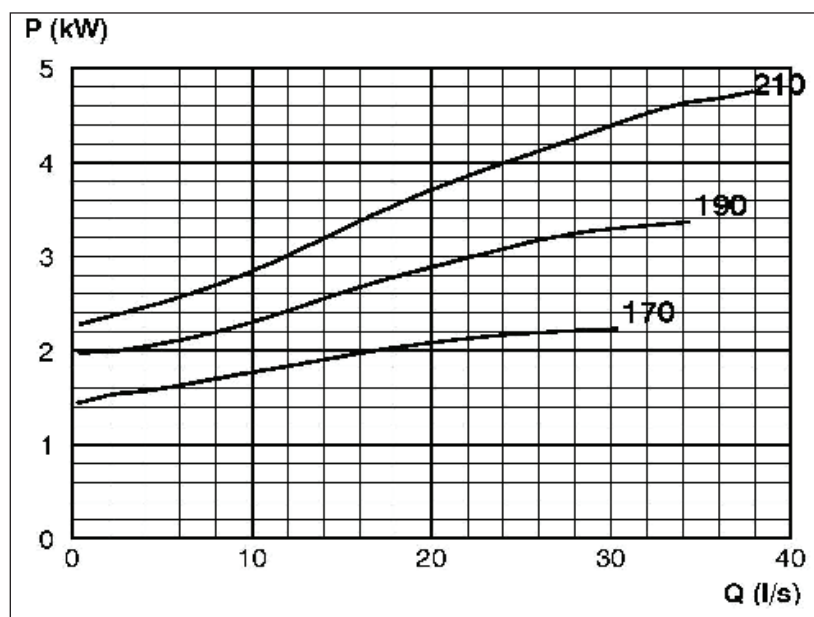
TECHNICAL SPECIFICATIONS

Performance Curve - ISP80-200-1440

1440 rpm



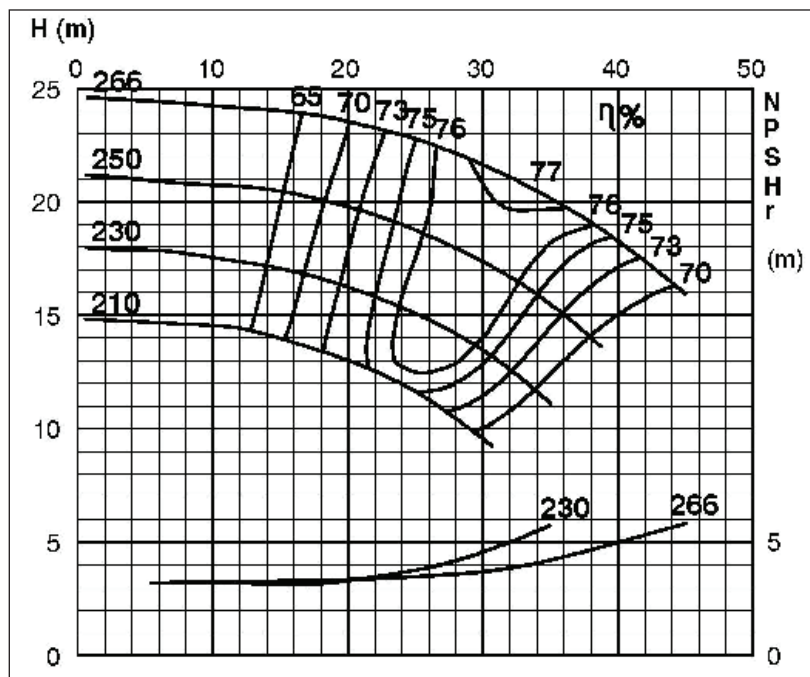
Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
210			207
205			203
200			198
195			194
190			
185			
180			
175			
173	4	169.5	
170	10	160.5	



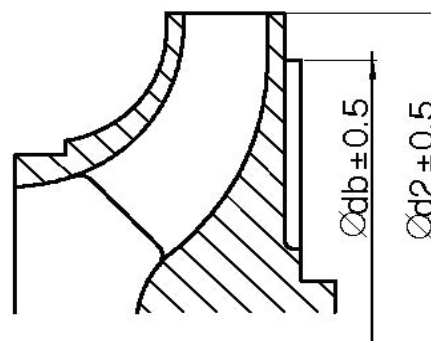
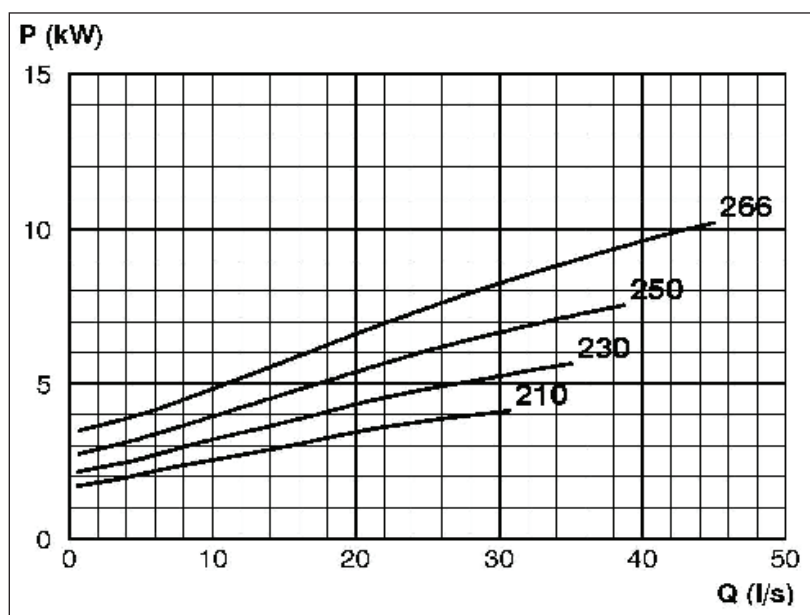
TECHNICAL SPECIFICATIONS

Performance Curve - ISP80-250-1450

1450 rpm



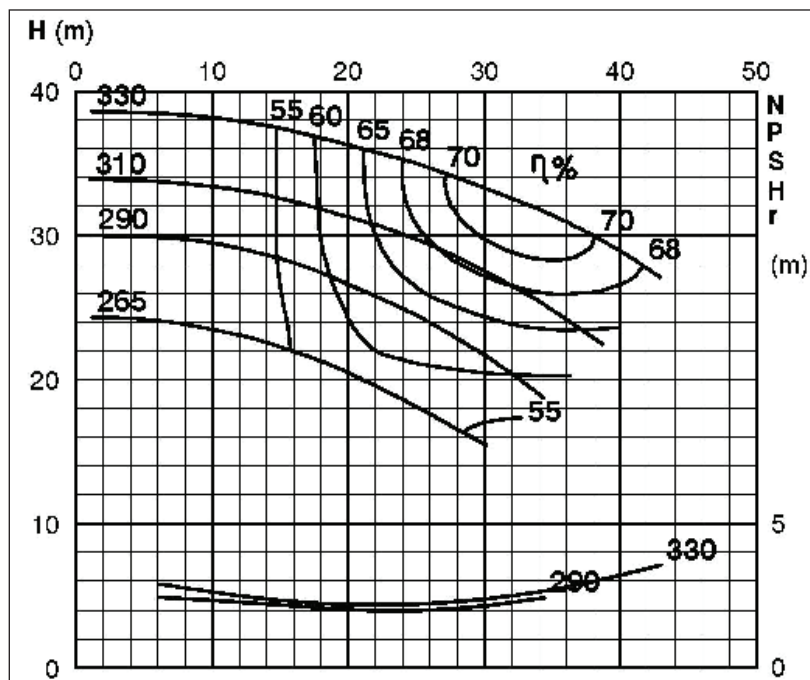
Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
266	238
260	230
255	227
250	223
245	220
240	216
235	214
230	211
225	209
220	206
215	204
210	201



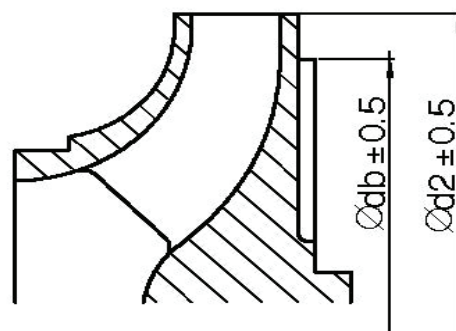
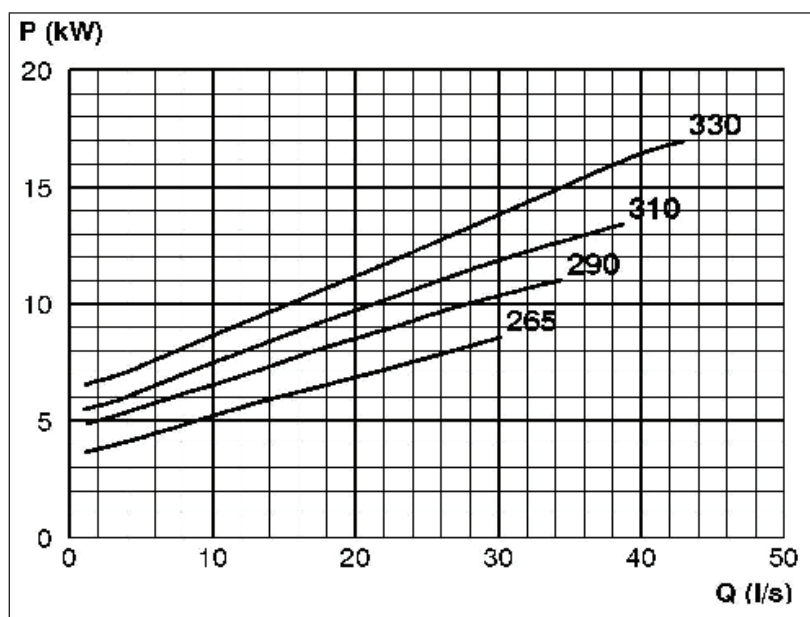
TECHNICAL SPECIFICATIONS

Performance Curve - ISP80-315-1470

1470 rpm



Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
330	260
325	256
320	251
315	248
310	245
305	242
300	239
295	237
290	234
285	232
280	230
275	228
270	226
265	224

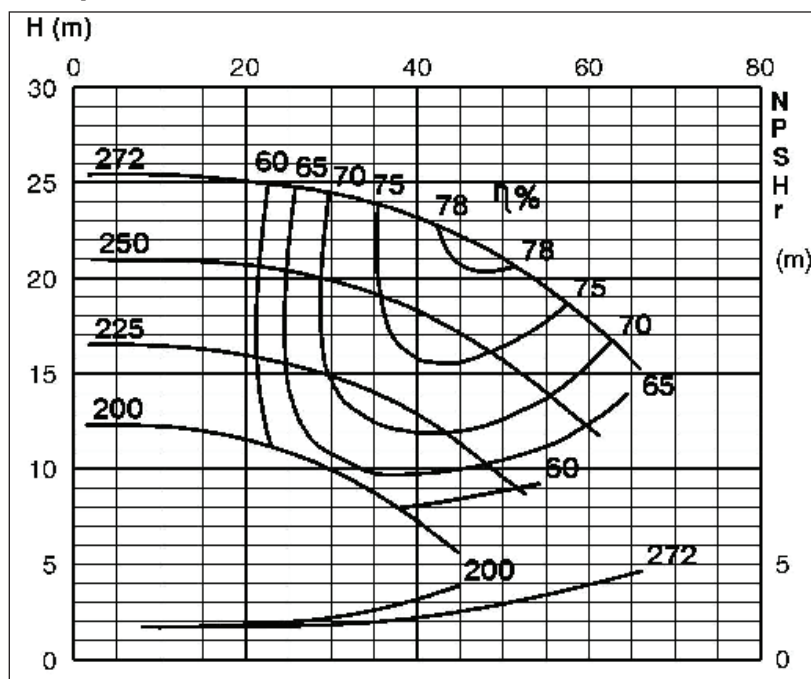


TECHNICAL SPECIFICATIONS

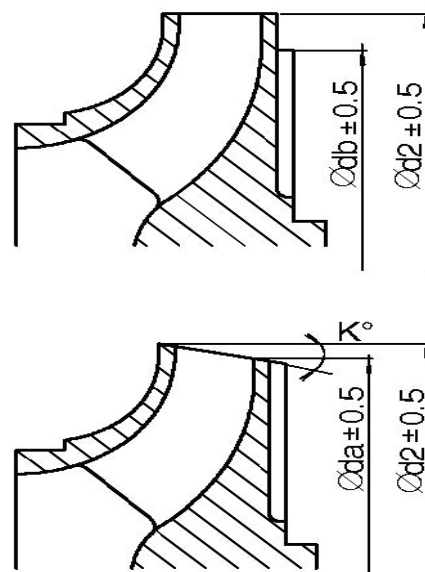
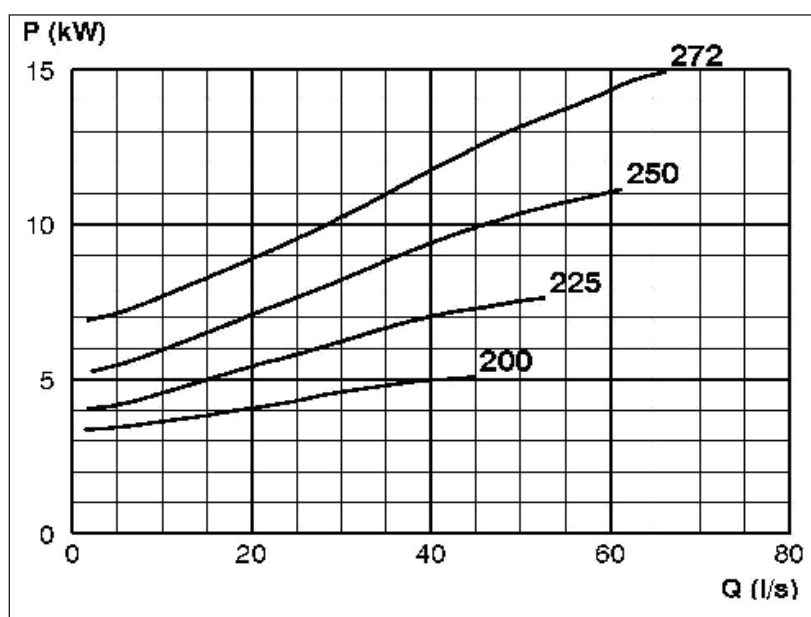
ISP Process Pumps - ISP100-250 ISP Impeller 283910 Closed B25 Z6

Performance Curve - ISP100-250-1460

1460 rpm



Impeller Dia			
Ød ₂ (mm)	K°	Ød _a (mm)	Ød _b (mm)
272			252
265			248
260			242
255			240
250			237
245			235
240			232
235			230
230	4	226.3	
225	4	221.2	
220	6	214.3	
215	6	209.2	
210	8	202.1	
205	9	195.0	
200	10	189.0	

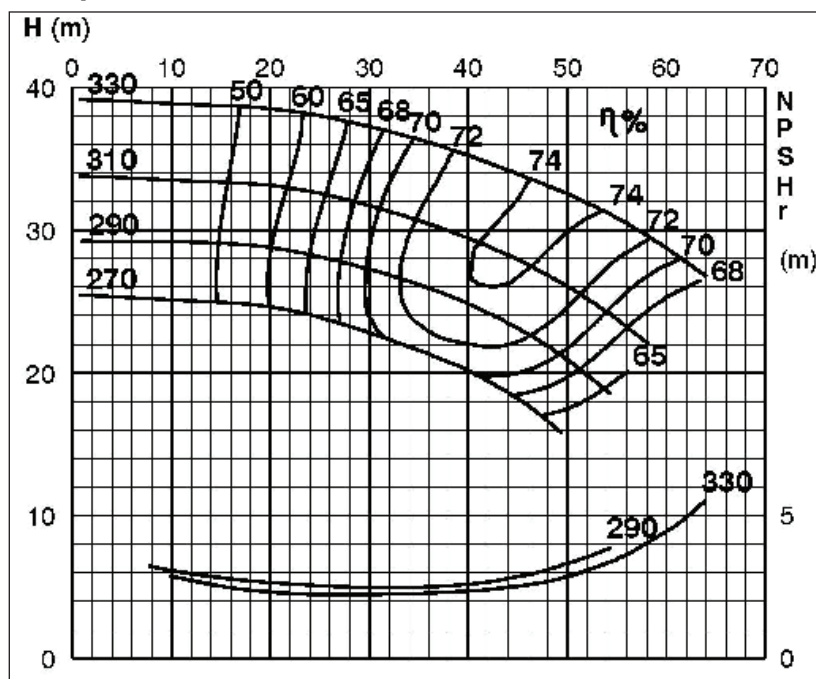


TECHNICAL SPECIFICATIONS

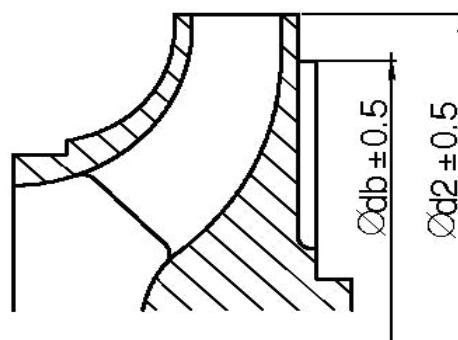
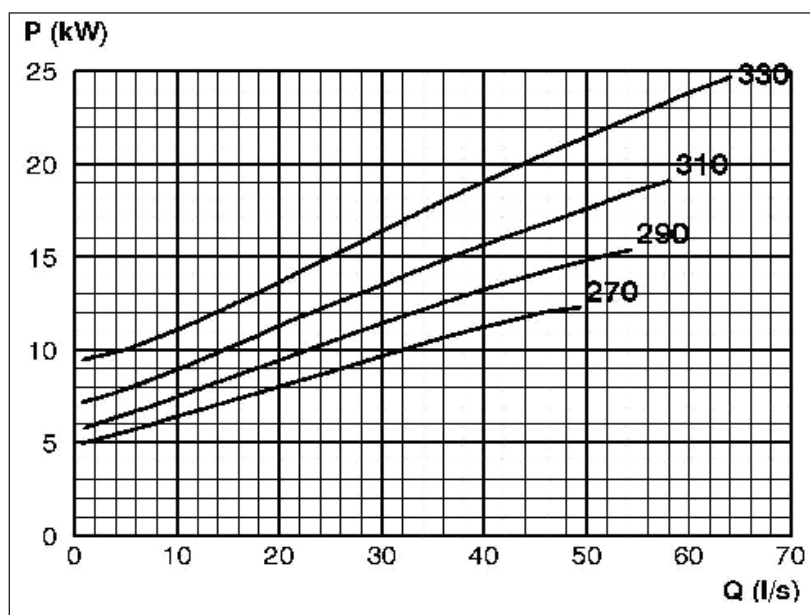
ISP Process Pumps - ISP100-315 ISP Impeller 283915 Closed B18 Z6

Performance Curve - ISP100-315-1470

1470 rpm



Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
330	278
325	274
320	270
315	268
310	265
305	262
300	259
295	257
290	255
285	252
280	249
275	247
270	244

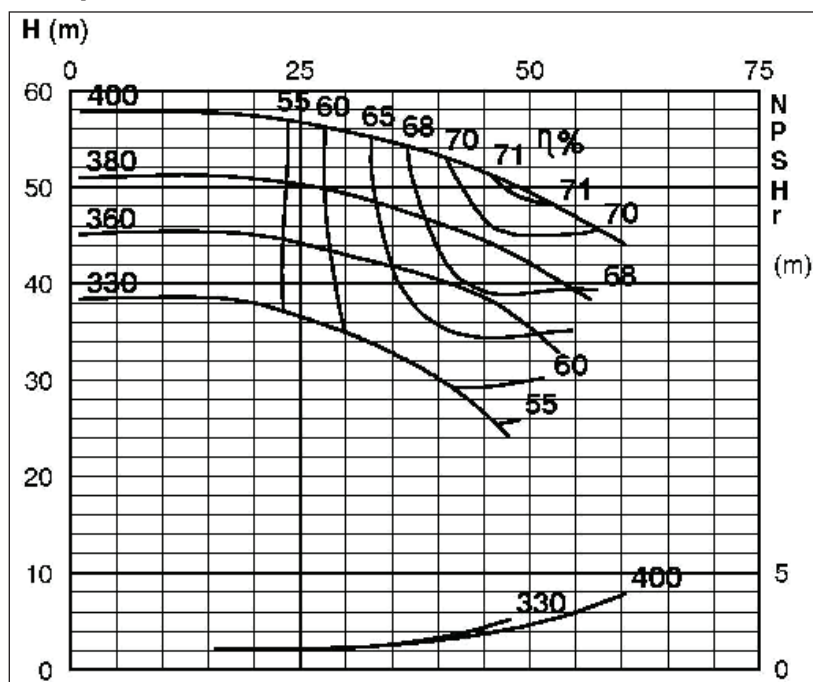


TECHNICAL SPECIFICATIONS

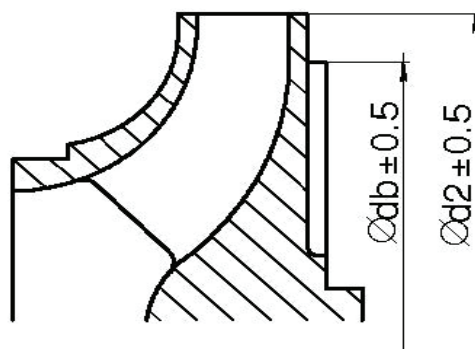
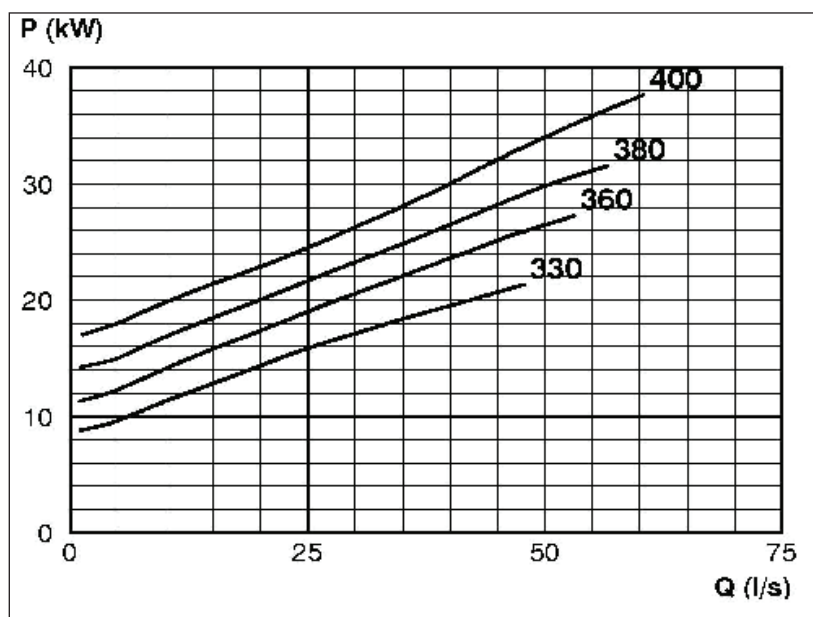
ISP Process Pumps - ISP100-400 ISP Impeller 283917 Closed B13 Z5

Performance Curve - ISP100-400-1470

1470 rpm



Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
400	303
395	299
390	295
385	292
380	289
375	287
370	284
365	282
360	279
355	277
350	275
345	273
340	270
335	269
330	267

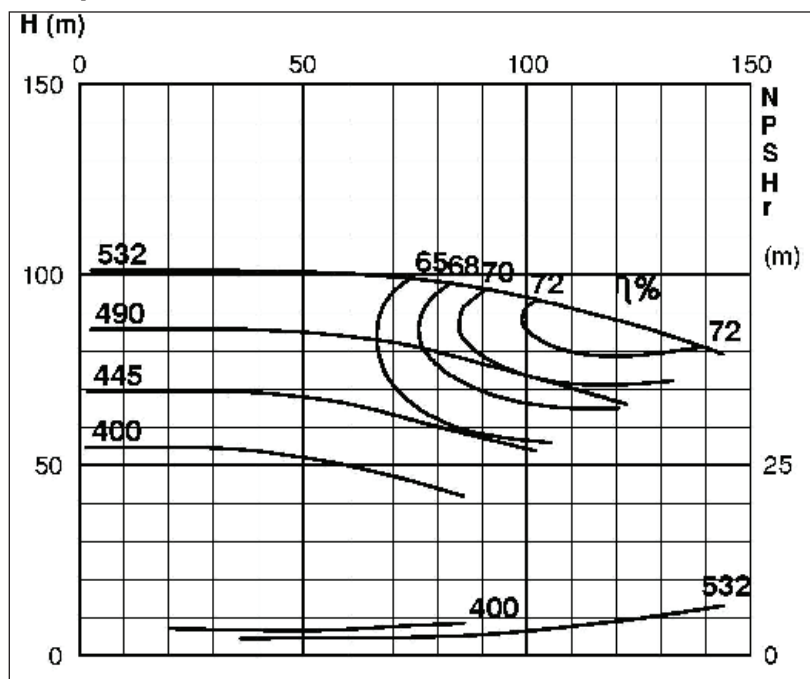


TECHNICAL SPECIFICATIONS

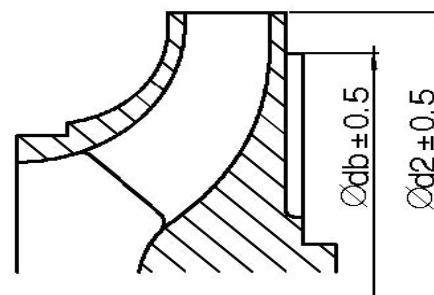
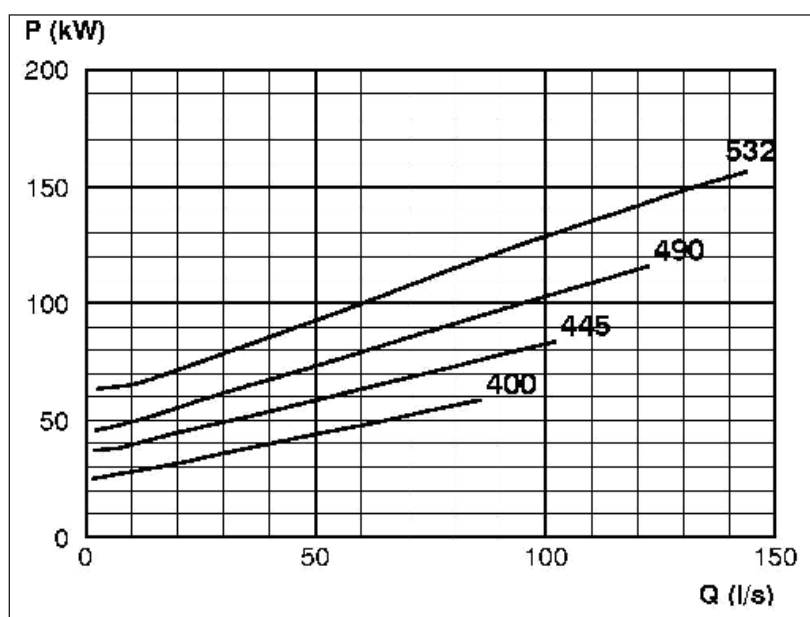
ISP Process Pumps - ISP100-500 ISP Impeller 285943 Closed B17.5 Z5

Performance Curve - ISP100-500-1480

1480 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
532	371
525	367
520	365
515	362
510	360
505	357
500	355
495	352
490	350
485	347
480	345
475	342
470	340
465	338
460	336
455	334
450	332
445	330
440	328
435	327
430	326
425	325
420	324
415	323
410	322
405	321
400	320

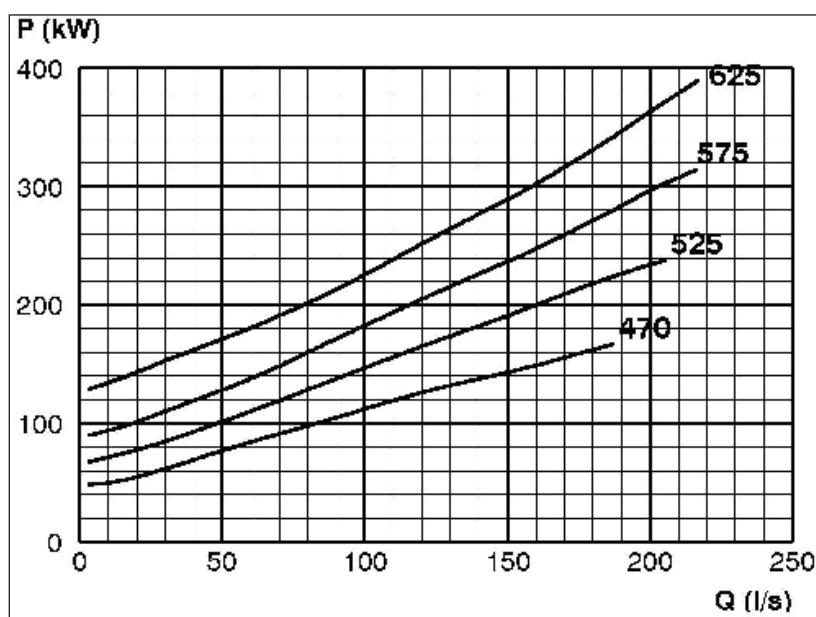
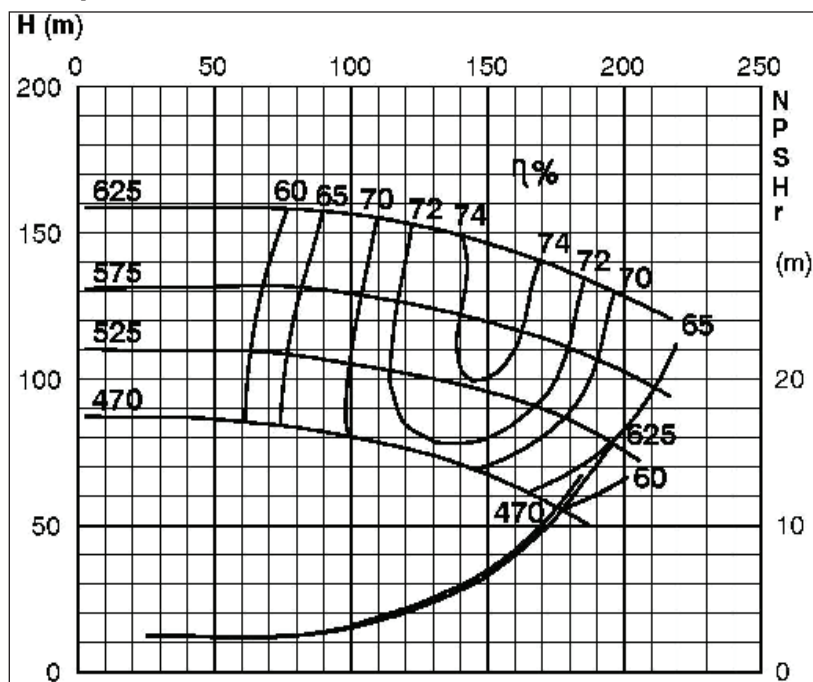


TECHNICAL SPECIFICATIONS

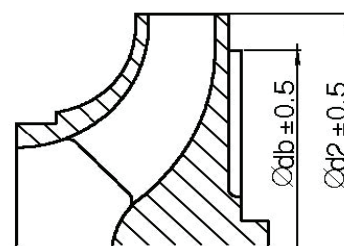
ISP Process Pumps - ISP100-600 ISP Impeller 288288 Closed B30 Z5

Performance Curve - ISP100-600-1480

1480 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
625	420
620	417
615	415
610	412
605	410
600	407
595	405
590	402
585	400
580	397
575	395
570	392
565	390
560	387
555	385
550	382
545	380
540	377
535	373
530	370
525	367
520	365
515	362
510	360
505	357
500	355
495	352
490	350
485	347
480	345
475	342
470	340



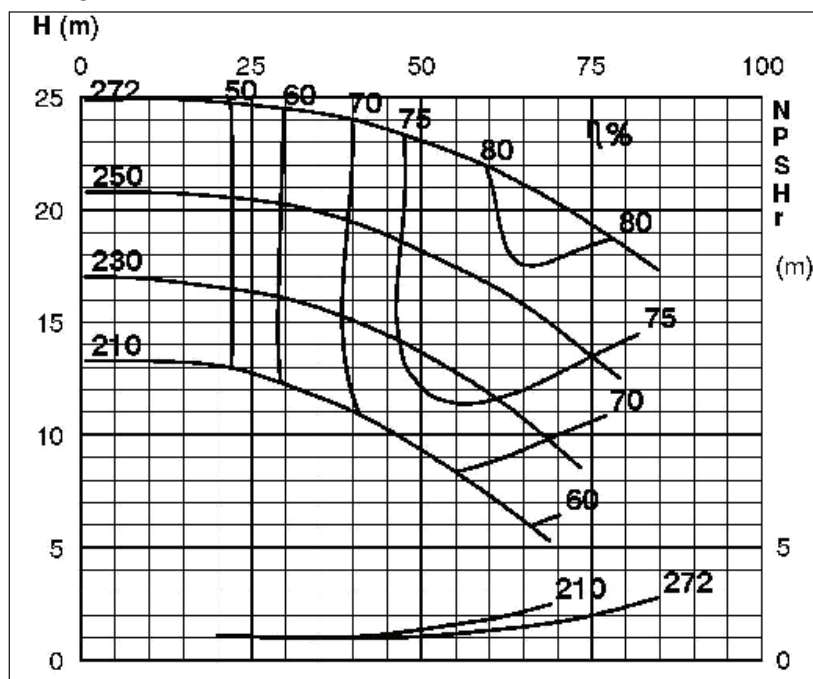
MTP127

TECHNICAL SPECIFICATIONS

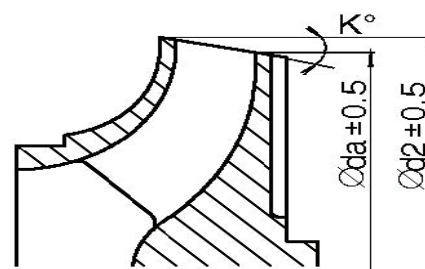
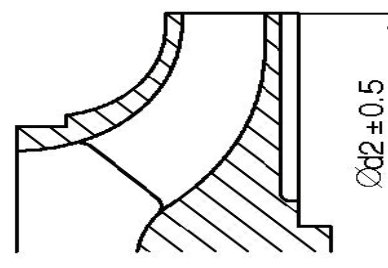
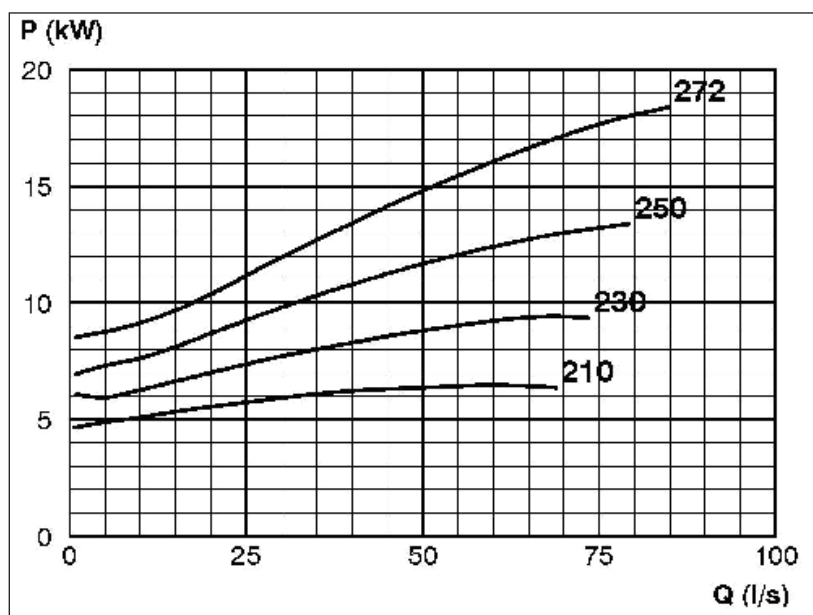
ISP Process Pumps - ISP125-250 ISP Impeller 283911 Closed B32 Z6

Performance Curve - ISP125-250-1470

1470 rpm



Impeller Dia		
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)
272		
265		
260		
255		
250		
245	4	240.2
240	6	232.9
235	6	227.7
230	8	220.2
225	8	215.2
220	10	207.5
215	10	202.3
210	12	194.3

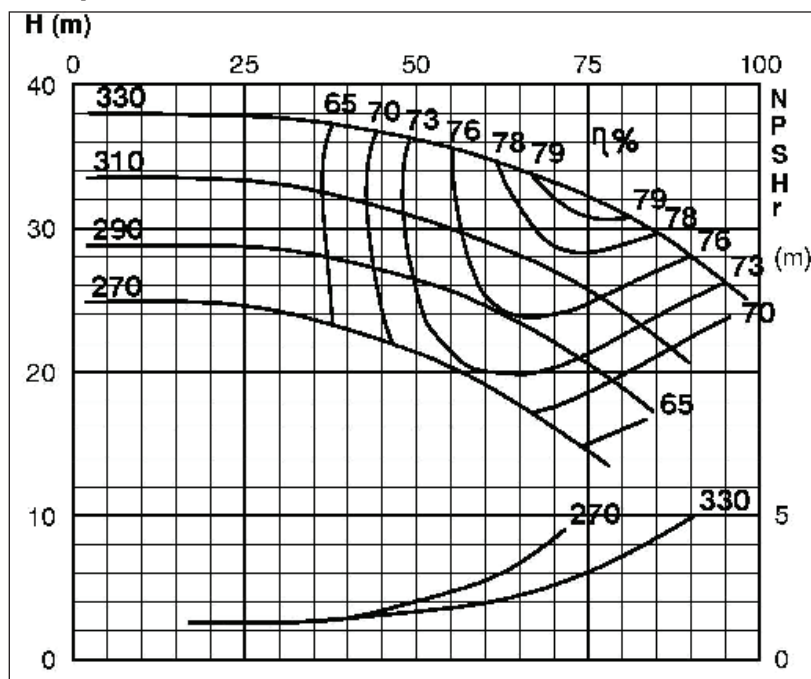


TECHNICAL SPECIFICATIONS

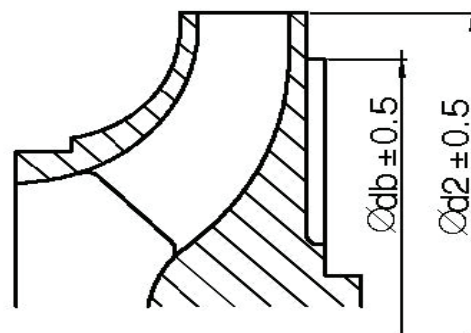
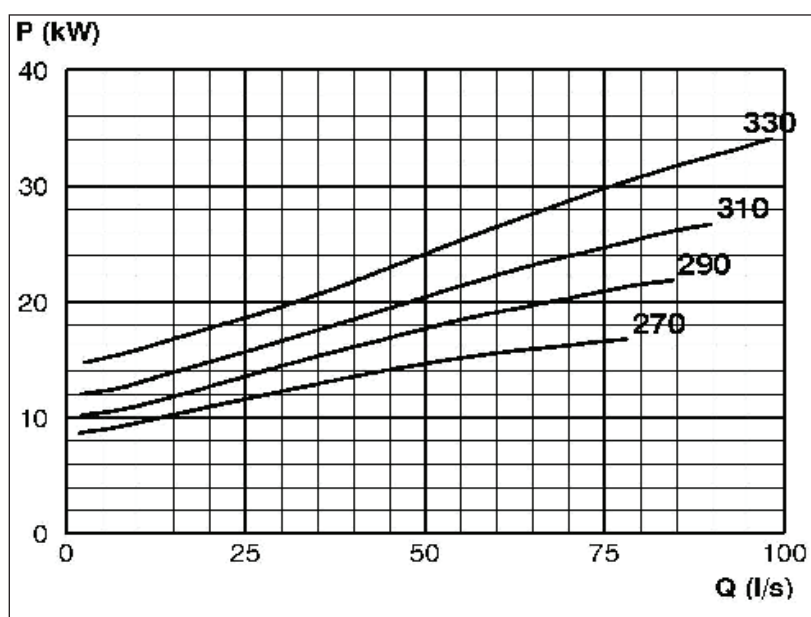
ISP Process Pumps - ISP125-315 ISP Impeller 283916 Closed B26 Z6

Performance Curve - ISP125-315-1470

1470 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
330	303
325	299
320	294
315	291
310	287
305	284
300	280
295	278
290	275
285	273
280	271
275	268
270	265

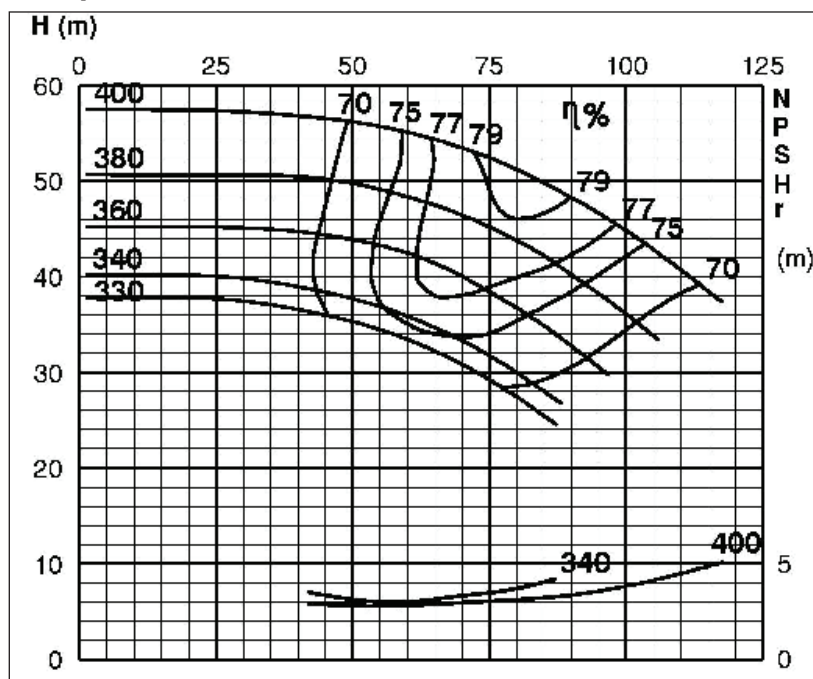


TECHNICAL SPECIFICATIONS

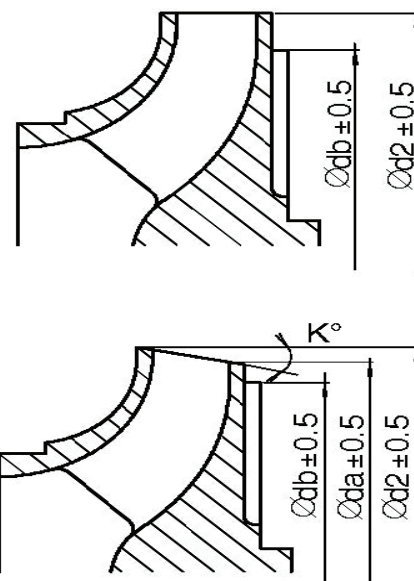
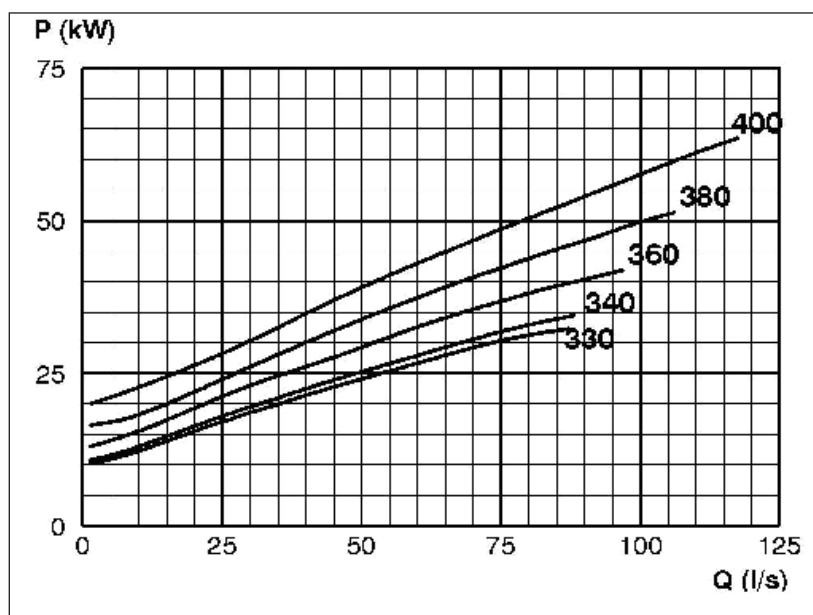
ISP Process Pumps - ISP125-400 ISP Impeller 283918 Closed B22 Z6

Performance Curve - ISP125-400-1470

1470 rpm



Impeller Dia			
Ød ₂ (mm)	K°	Ød _a (mm)	Ød _b (mm)
400			331
395			327
390			323
385			320
380	1	379	316
375	2	373	314
370	2	369	311
365	3	363	308
360	3	358	305
355	4	352	303
350	4	347	301
345	5	341	298
340	6	335	295
335	7	329	293
330	8	323	290

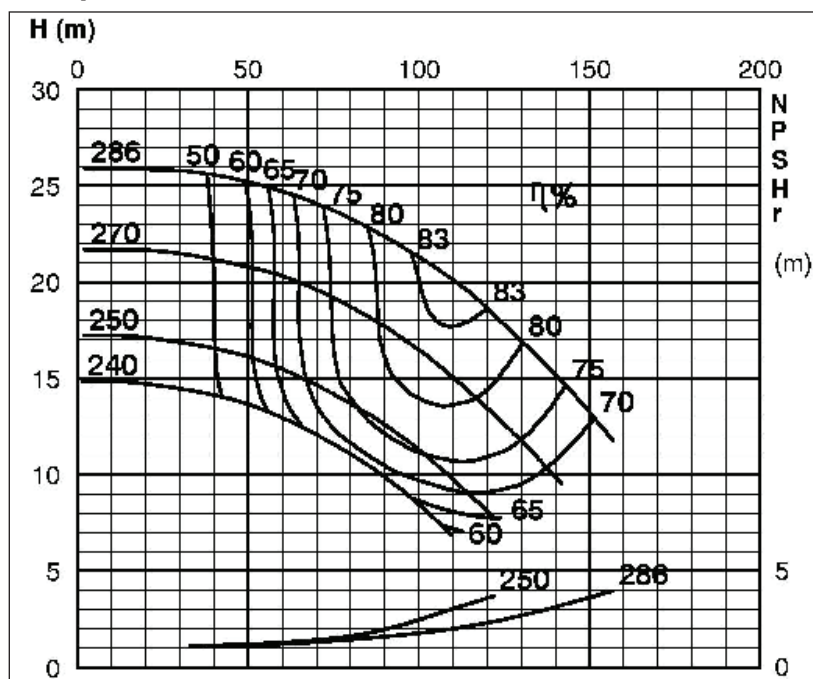


TECHNICAL SPECIFICATIONS

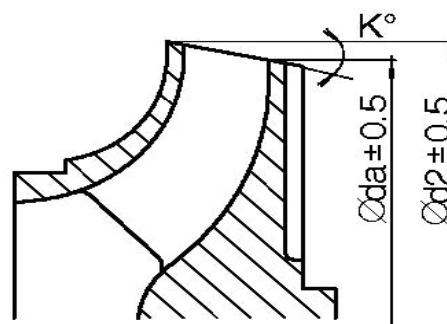
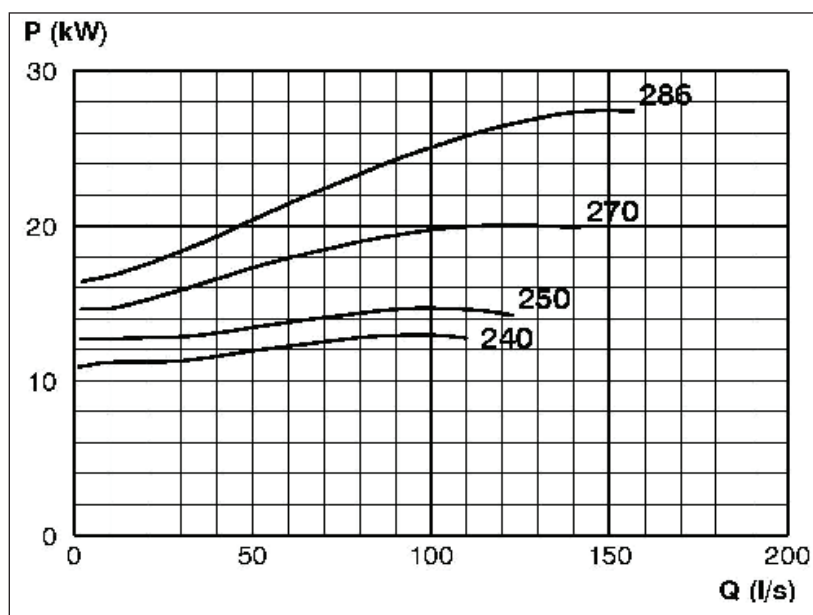
ISP Process Pumps - ISP150-250 ISP Impeller 283912 Closed B41 Z6

Performance Curve - ISP150-250-1470

1470 rpm



Impeller Dia		
Ød ₂ (mm)	K°	Ød _a (mm)
286	6	277.4
280	8	268.5
275	10	260.2
270	12	252.2
265	13	245.6
260	14	238.8
255	16	230.4
250	18	221.4
245	19	214.0
240	20	206.0

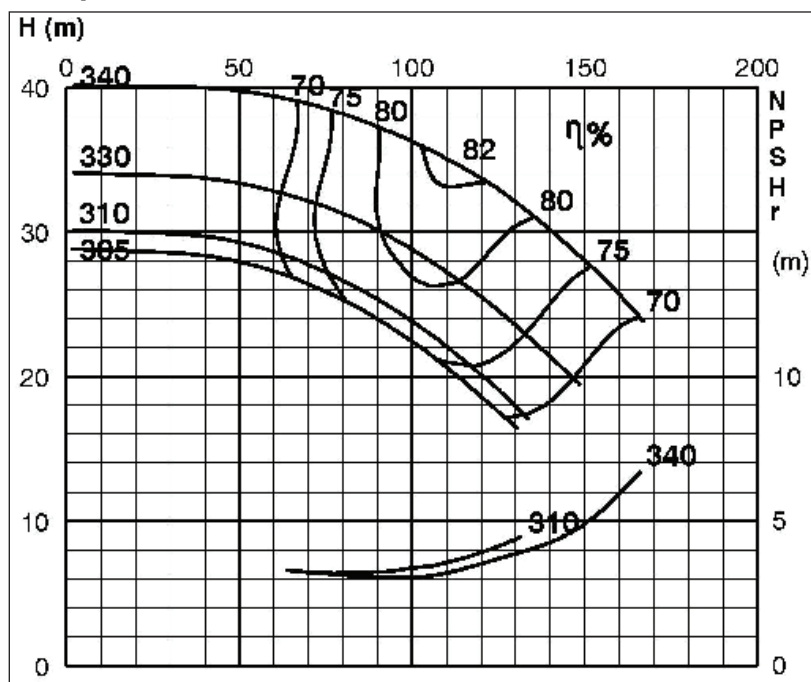


TECHNICAL SPECIFICATIONS

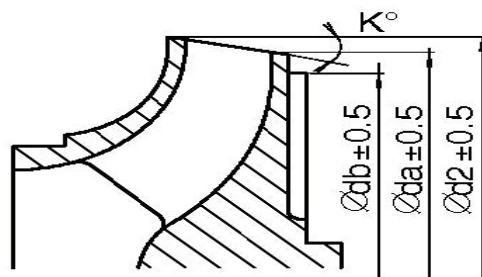
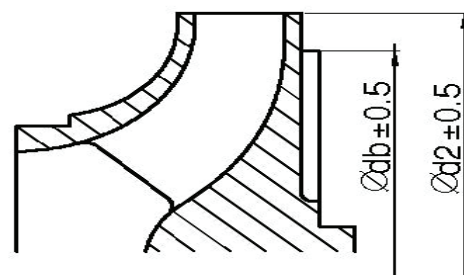
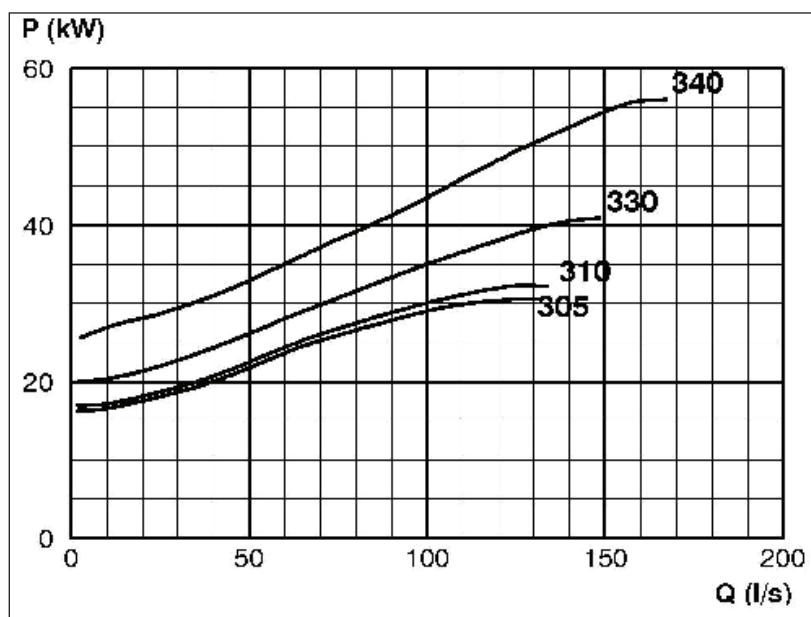
ISP Process Pumps - ISP150-315 ISP Impeller 283921 Closed B34 Z6

Performance Curve - ISP150-315-1470

1470 rpm



Impeller Dia			
Ød ₂ (mm)	K°	Ød _a (mm)	Ød _b (mm)
340			326
339	7	329	326
336	11	319	312
335	17	314	307
330	17	309	302
325	17	304	297
320	17	299	292
315	17	293	287
310	17	288	282
305	18	282	275

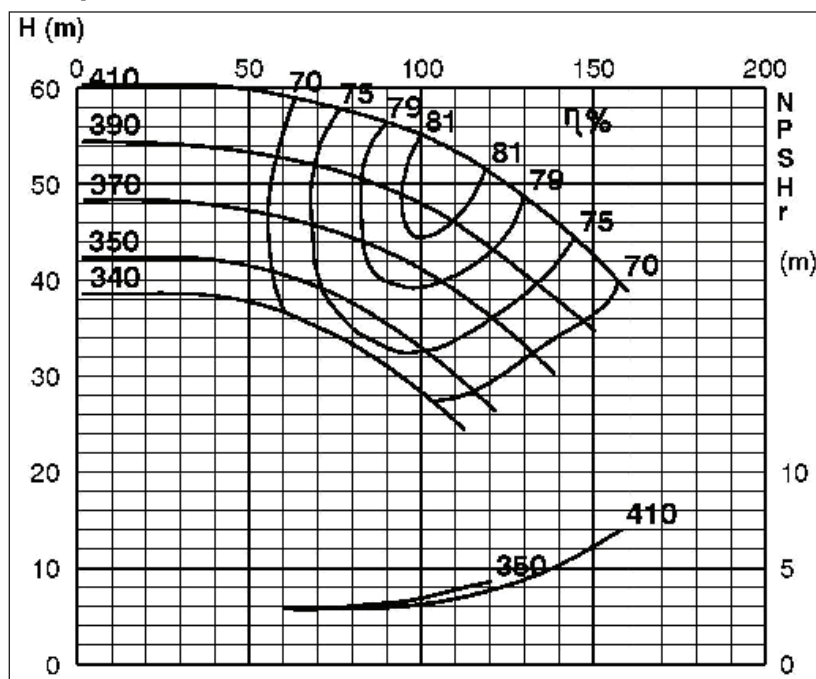


TECHNICAL SPECIFICATIONS

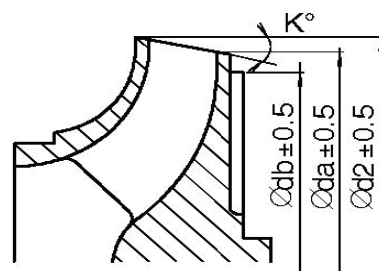
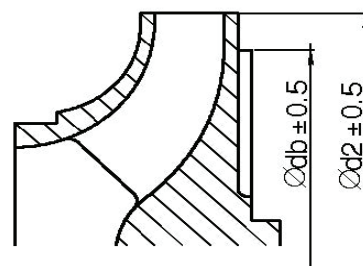
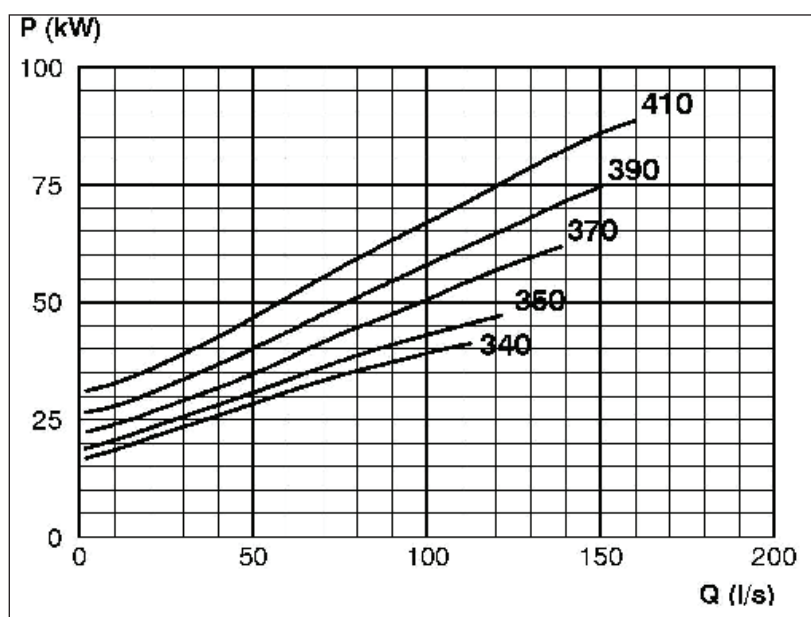
ISP Process Pumps - ISP150-400 ISP Impeller 283925 Closed B26 Z6

Performance Curve - ISP150-400-1480

1480 rpm



Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
410			358
405			354
400			350
395			346
390			342
385			340
380	1	379	337
375	2	373	335
370	3	367	332
365	4	361	329
360	5	355	325
355	6	349	323
350	7	343	320
345	7	338	316
340	8	332	311

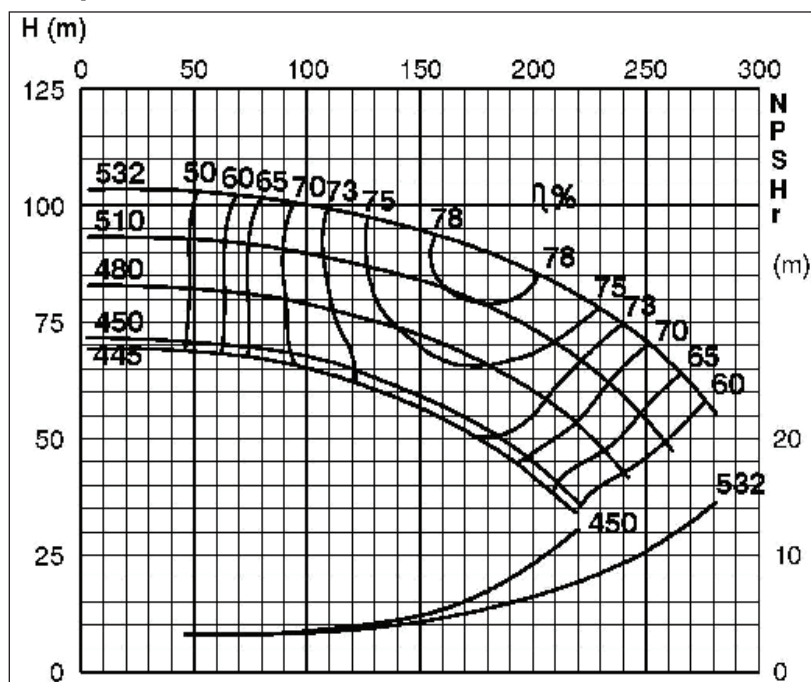


TECHNICAL SPECIFICATIONS

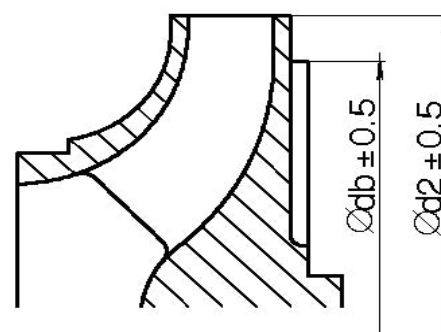
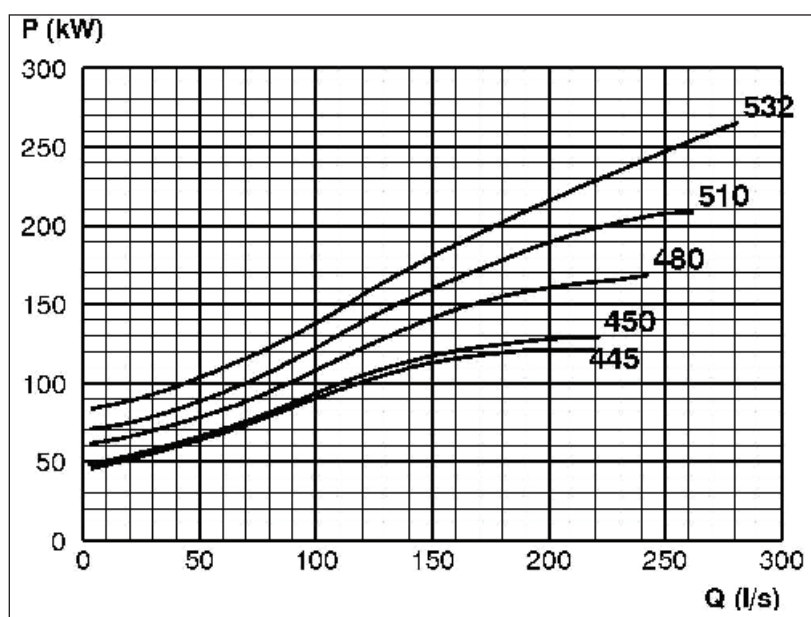
ISP Process Pumps - ISP150-500 ISP Impeller 283931 Closed B30 Z6

Performance Curve - ISP150-500-1480

1480 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
532	459
525	455
520	451
515	447
510	443
505	441
500	438
495	435
490	432
485	430
480	428
475	426
470	424
465	422
460	419
455	417
450	414
445	411

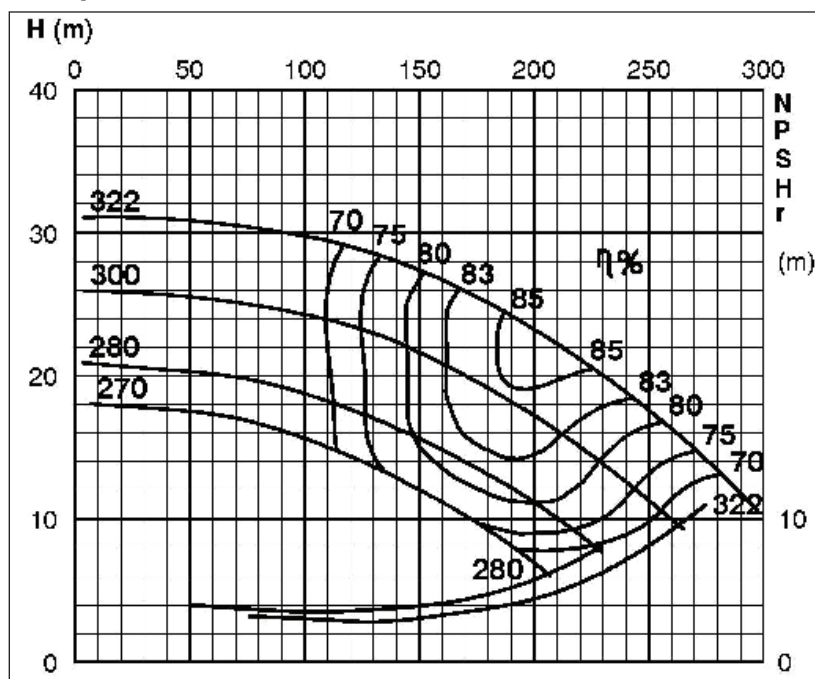


TECHNICAL SPECIFICATIONS

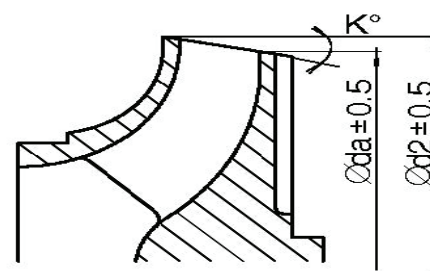
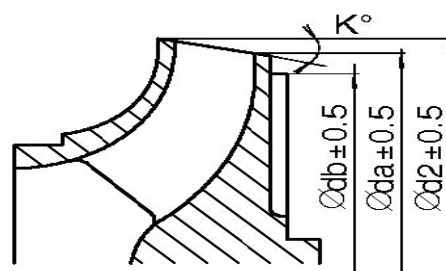
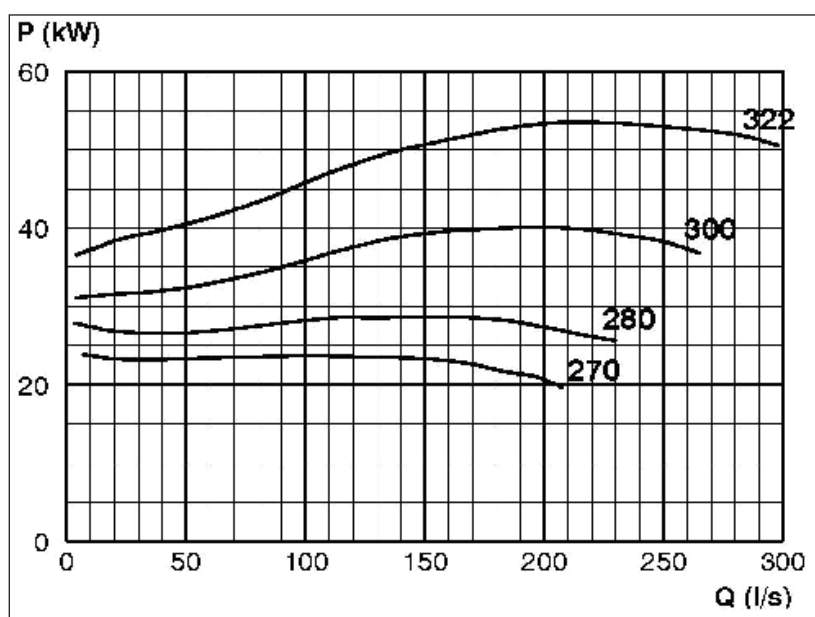
ISP Process Pumps - ISP200-250 ISP Impeller 283919 Closed B54 Z6

Performance Curve - ISP200-250-1470

1470 rpm



Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
322	10	303.5	299
320	10	302.0	299
315	11	294.0	
310	12	287.0	
305	13	280.0	
300	14	273.0	
295	15	266.0	
290	16	258.0	
285	17	251.0	
280	18	243.0	
275	19	235.0	
270	20	227.0	

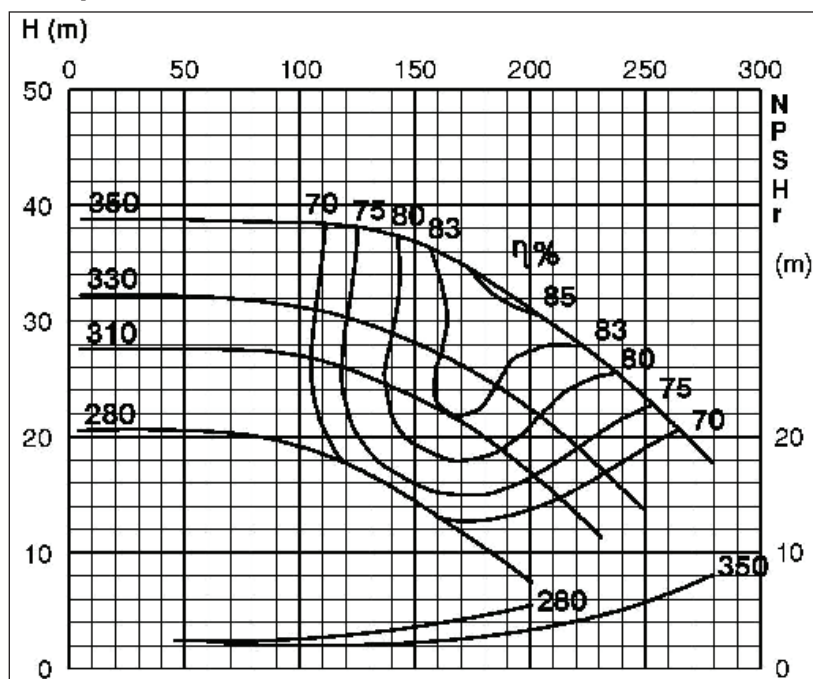


TECHNICAL SPECIFICATIONS

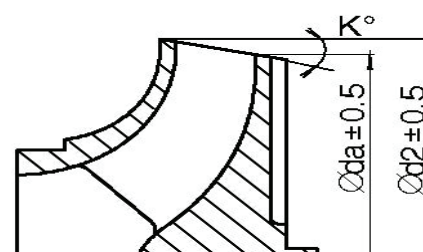
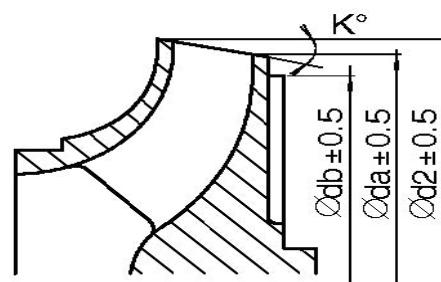
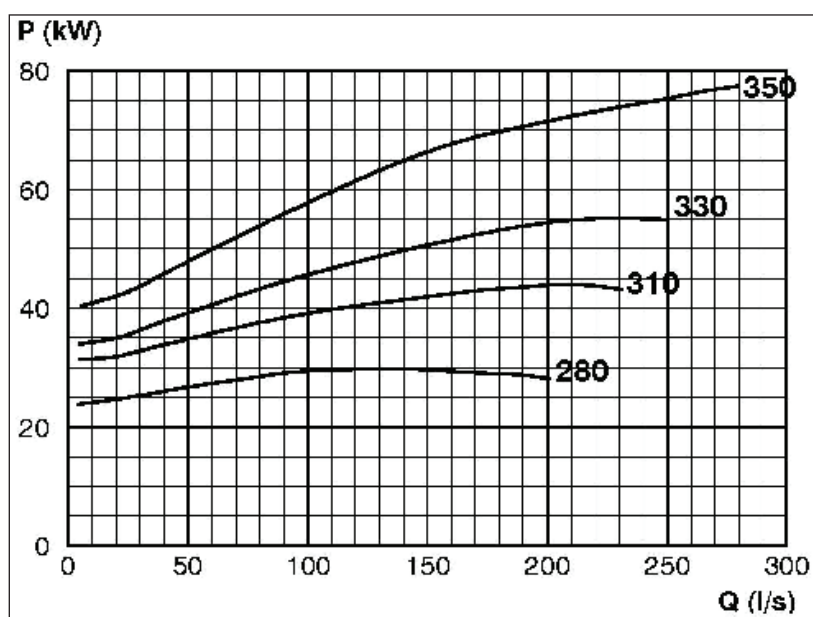
ISP Process Pumps - ISP200-315 ISP Impeller 283922 Closed B48 Z6

Performance Curve - ISP200-315-1480

1480 rpm



Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
350	5	342.0	339.3
345	6	335.0	
340	7	328.0	
335	8	321.0	
330	9	314.0	
325	10	307.0	
320	11	300.0	
315	12	293.0	
310	13	286.0	
305	14	278.0	
300	15	271.0	
295	16	263.0	
290	17	256.0	
285	18	248.0	
280	19	240.0	

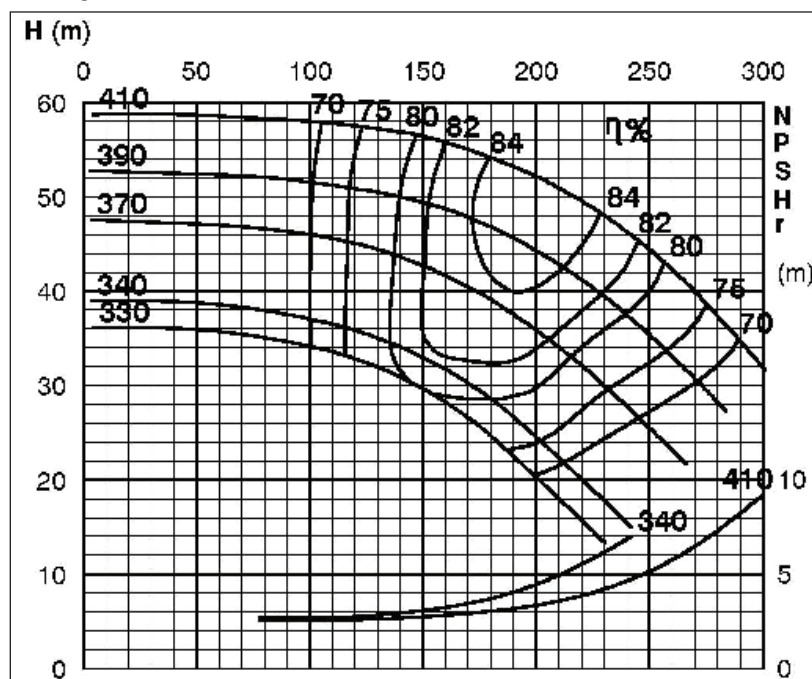


TECHNICAL SPECIFICATIONS

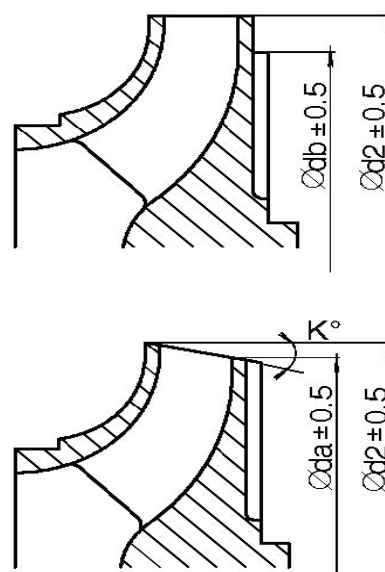
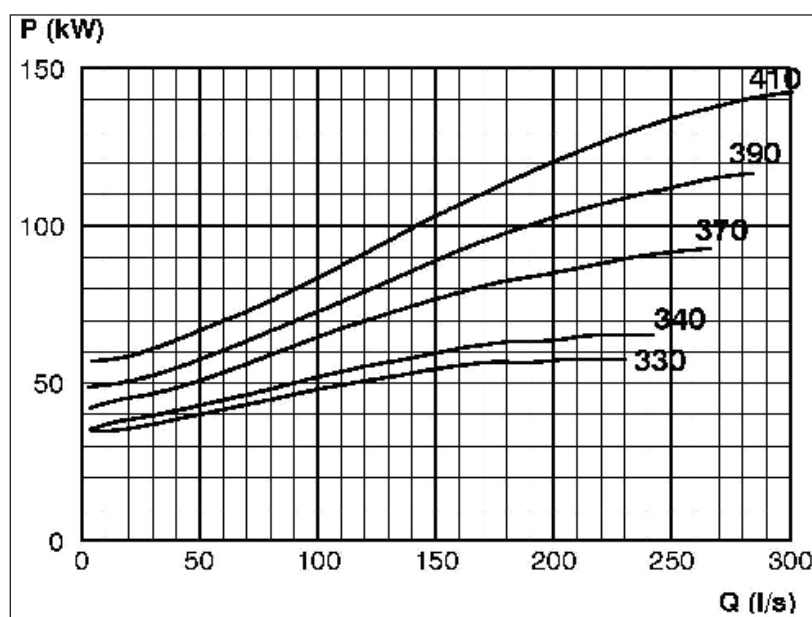
ISP Process Pumps - ISP200-400 ISP Impeller 283926 Closed B41 Z6

Performance Curve - ISP200-400-1480

1480 rpm



Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
410			399
405			396
400			392
395			389
390			385
385			382
380			378
375			
370			
365			
360			
355	1	354.0	
350	2	347.0	
345	3	340.0	
340	4	334.0	
335	5	327.0	
330	6	320.0	

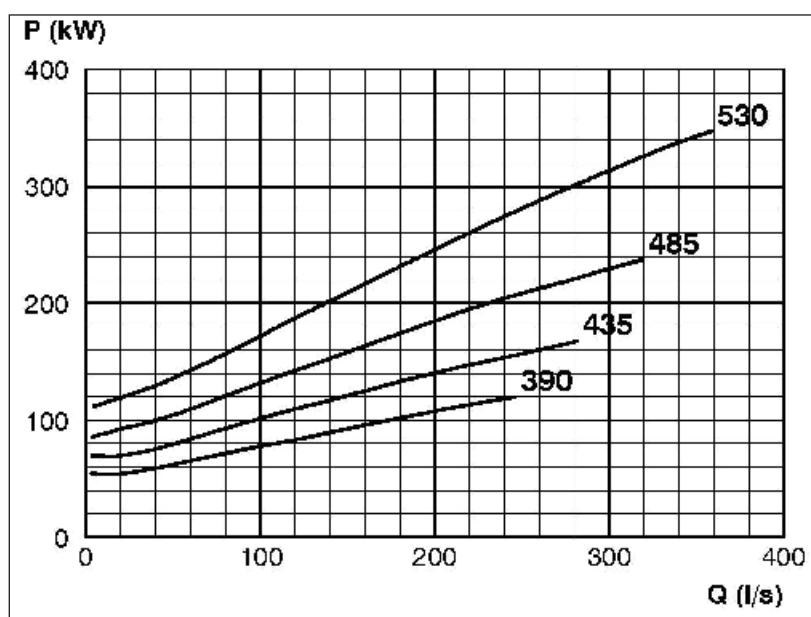
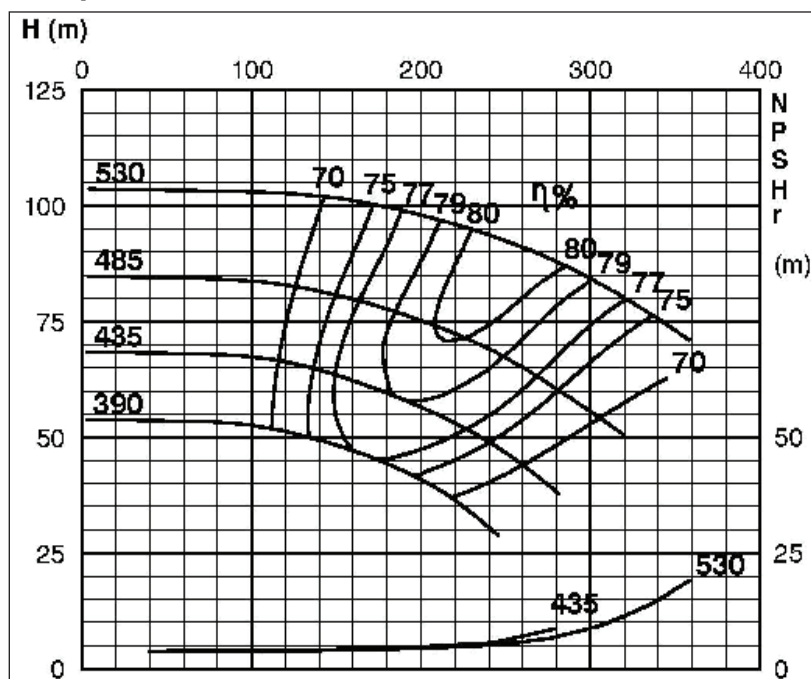


TECHNICAL SPECIFICATIONS

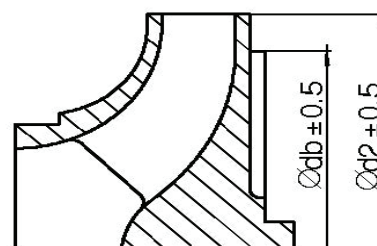
ISP Process Pumps - ISP200-500 ISP Impeller 283932 Closed B35 Z6

Performance Curve - ISP200-500-1485

1485 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
530	465
525	462
520	459
515	456
510	452
505	449
500	446
495	443
490	440
485	438
480	435
475	432
470	429
465	427
460	424
455	421
450	418
445	416
440	414
435	412
430	410
425	408
420	406
415	404
410	402
405	400
400	398
395	395
390	390

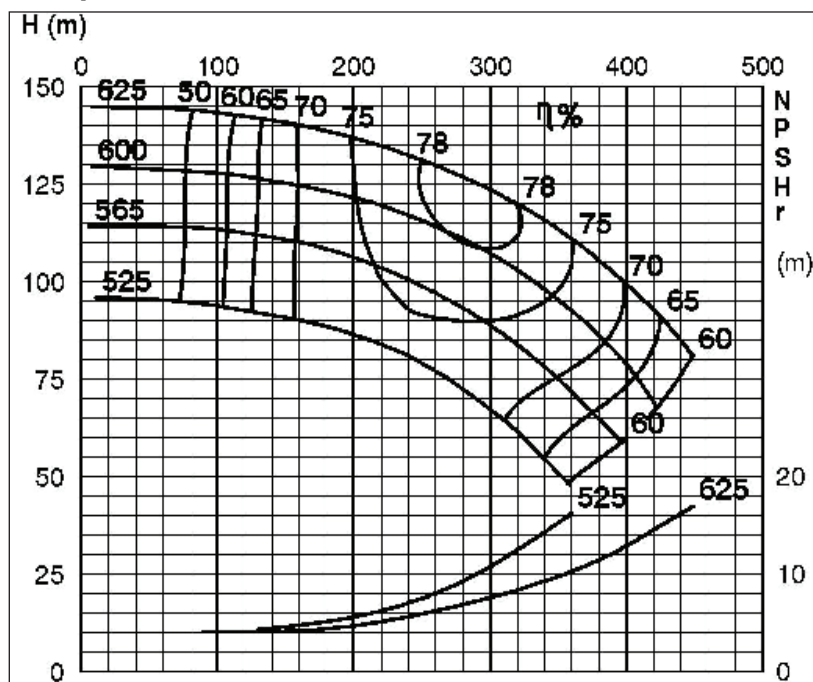


TECHNICAL SPECIFICATIONS

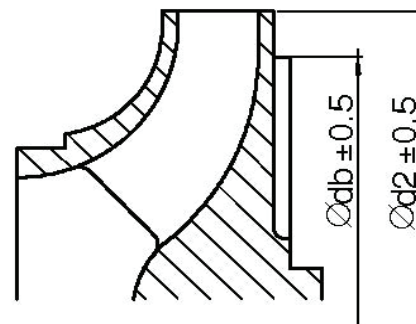
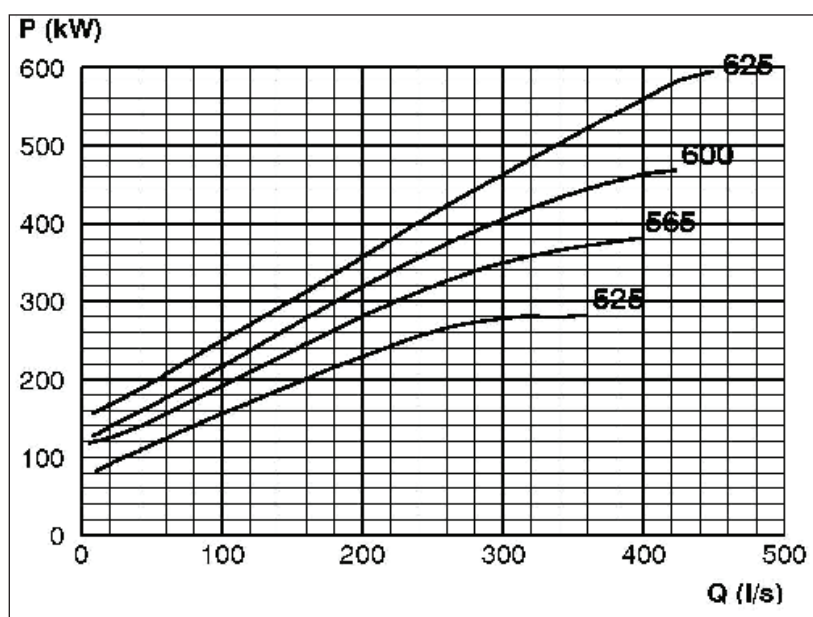
ISP Process Pumps - ISP200-600 ISP Impeller 284004 Closed B35 Z6

Performance Curve - ISP200-600-1490

1490 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
625	539
620	538
615	533
610	529
605	525
600	522
595	519
590	517
585	514
580	512
575	509
570	505
565	504
560	503
555	500
550	499
545	497
540	495
535	492
530	488
525	485

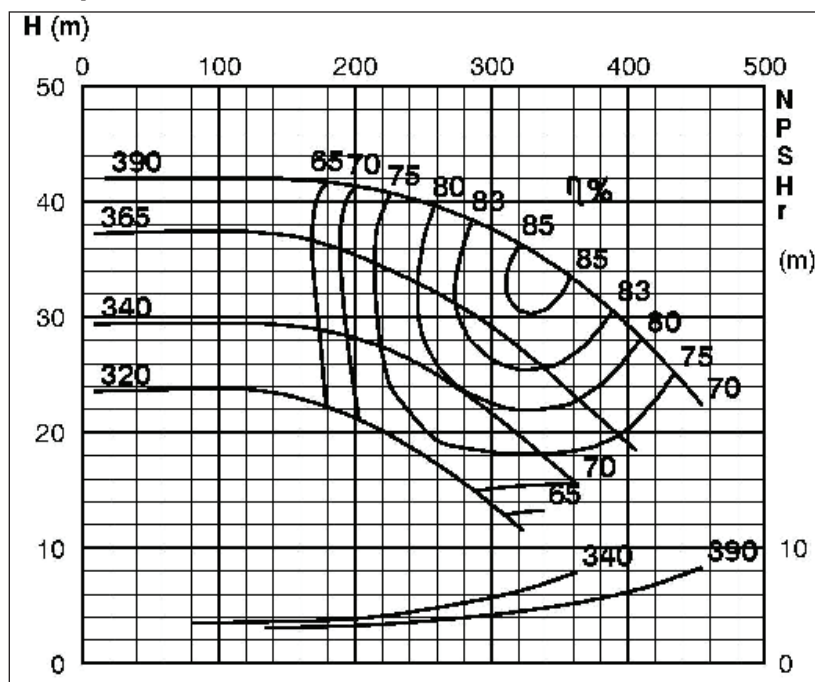


TECHNICAL SPECIFICATIONS

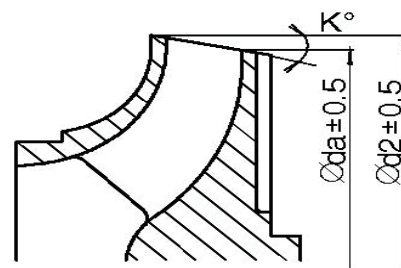
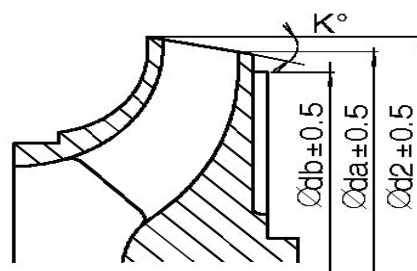
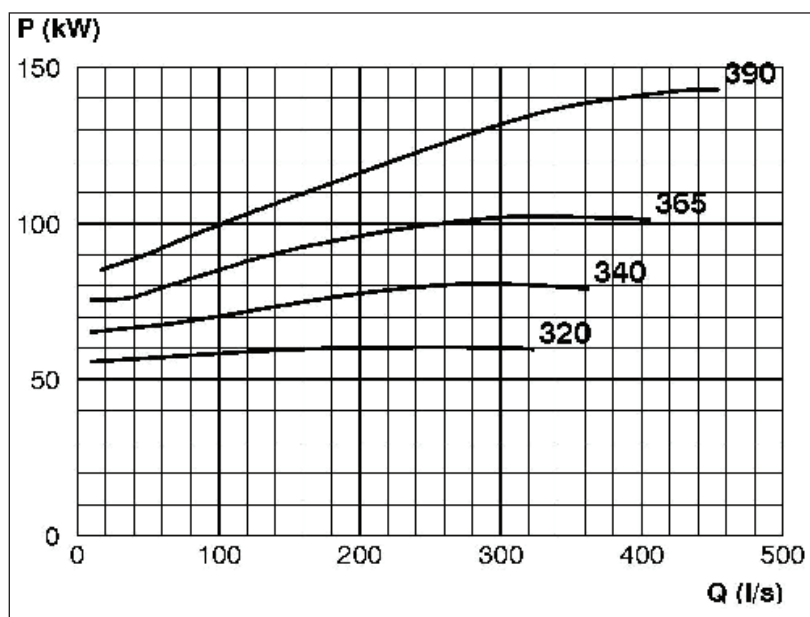
ISP Process Pumps - ISP250-315 ISP Impeller 283923 Closed B64 Z6

Performance Curve - ISP250-315-1480

1480 rpm



Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
390	9	370	365.6
385	9	365	
380	10	357	
375	10	352	
370	11	344	
365	11	339	
360	12	331	
355	13	324	
350	14	316	
345	15	308	
340	16	300	
335	17	291	
330	18	283	
325	19	275	
320	20	266	

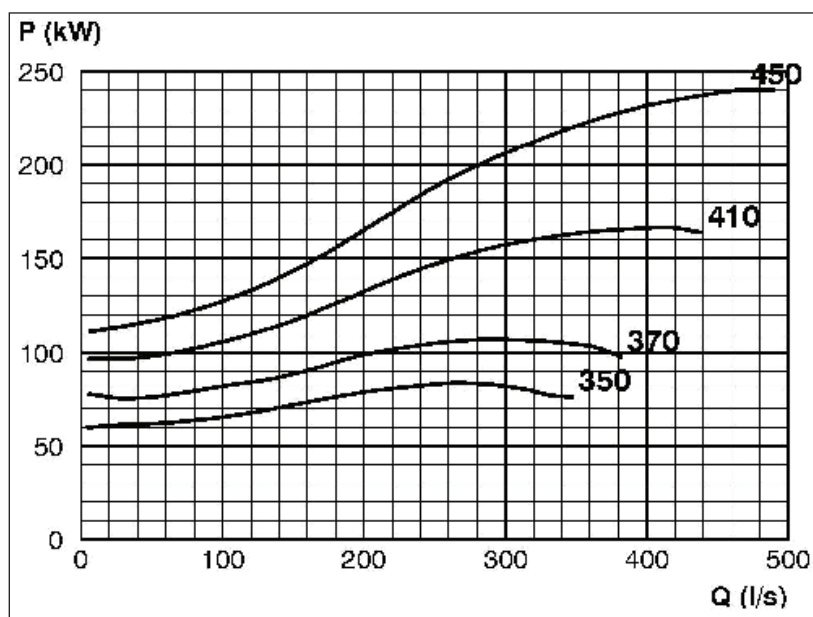
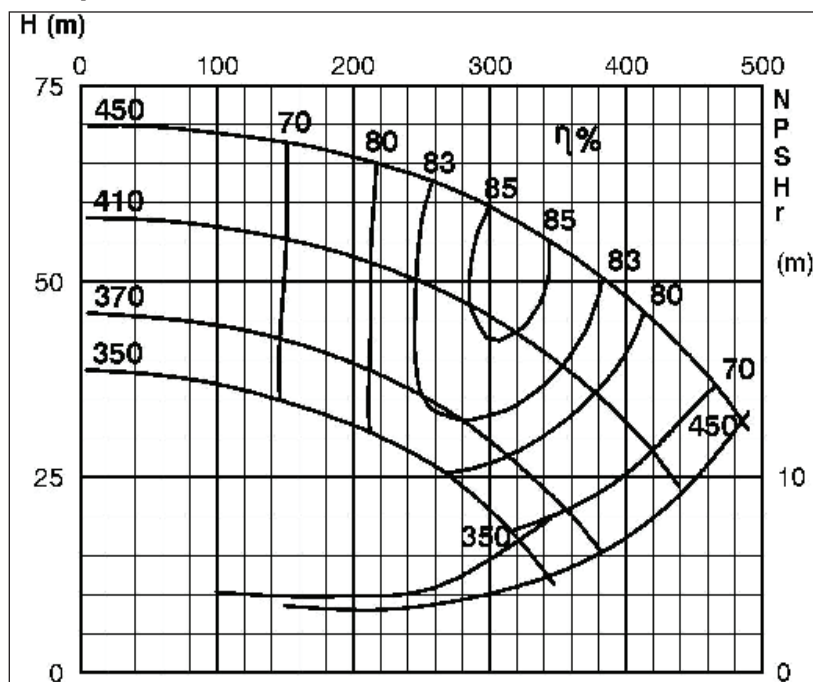


TECHNICAL SPECIFICATIONS

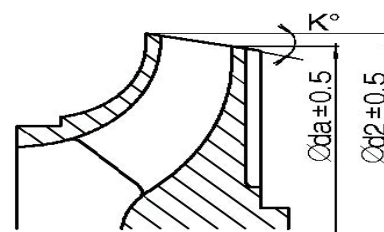
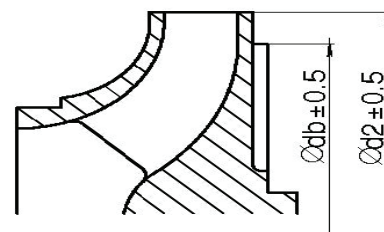
ISP Process Pumps - ISP250-400 ISP Impeller 283927 Closed B55 Z6

Performance Curve - ISP250-400-1480

1480 rpm



Impeller Dia			
Ød ₂ (mm)	K°	Ød _a (mm)	Ød _b (mm)
450			442
445			440
440			437
435			434
430			
425			
420			
415			
410			
405			
400			
395			
390	2	386	
385	2	381	
380	3	374	
375	4	367	
370	5	359	
365	6	352	
360	7	345	
355	8	337	
350	9	330	

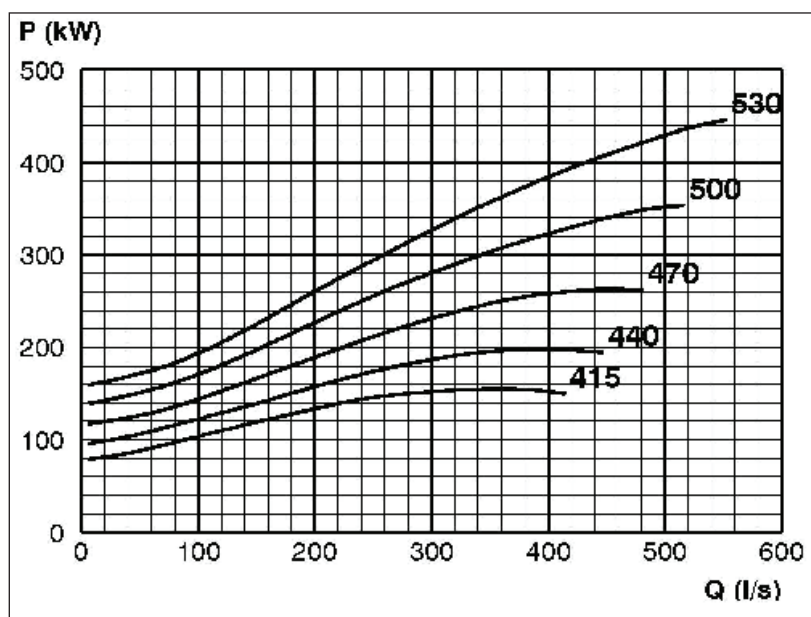
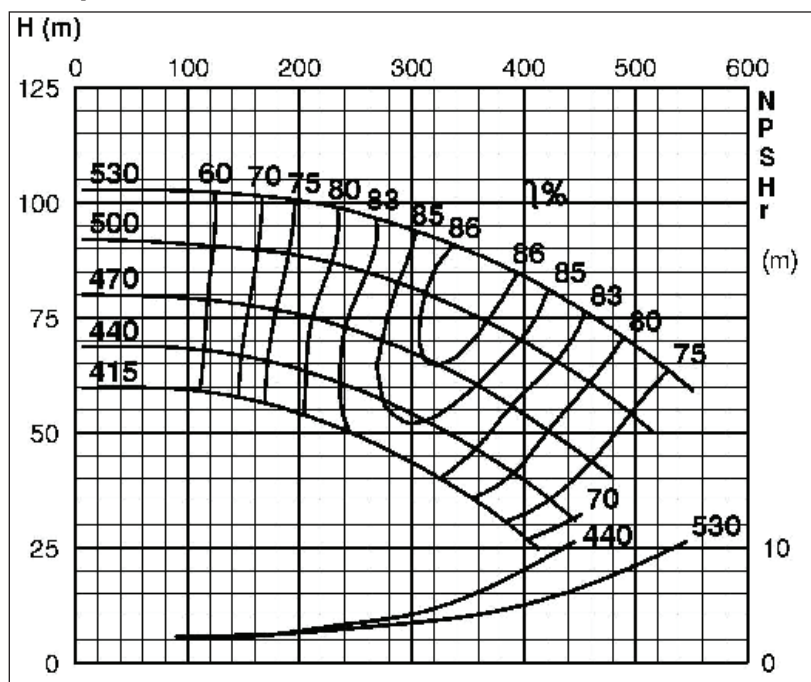


TECHNICAL SPECIFICATIONS

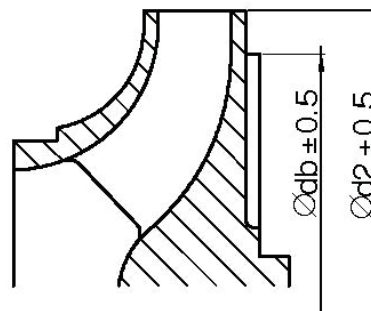
ISP Process Pumps - ISP250-500 ISP Impeller 283933 Closed B49 Z6

Performance Curve - ISP250-500-1490

1490 rpm



Impeller Dia	
$\varnothing d_2$ (mm)	$\varnothing d_b$ (mm)
530	492
525	491
520	489
515	487
510	485
505	481
500	476
495	472
490	467
485	465
480	462
475	459
470	456
465	452
460	448
455	445
450	441
445	439
440	436
435	433
430	430
425	425
420	420
415	415

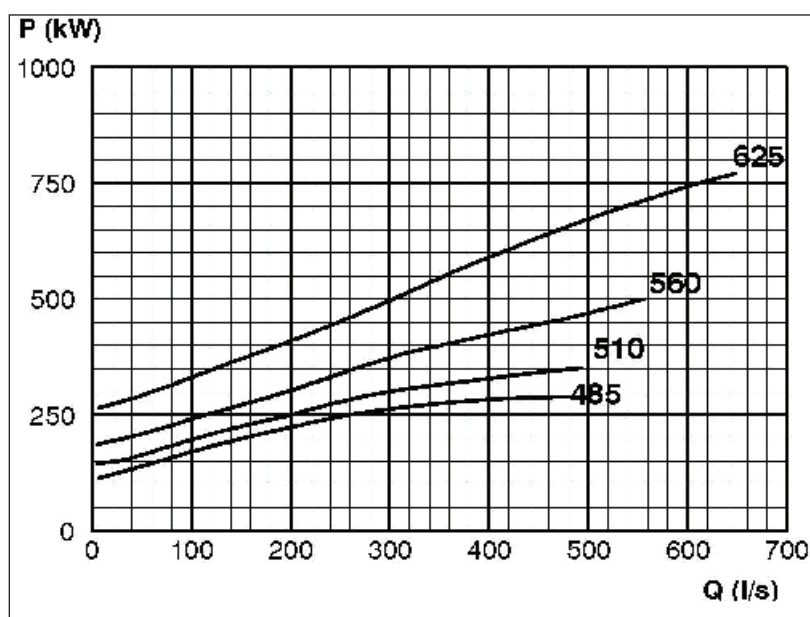
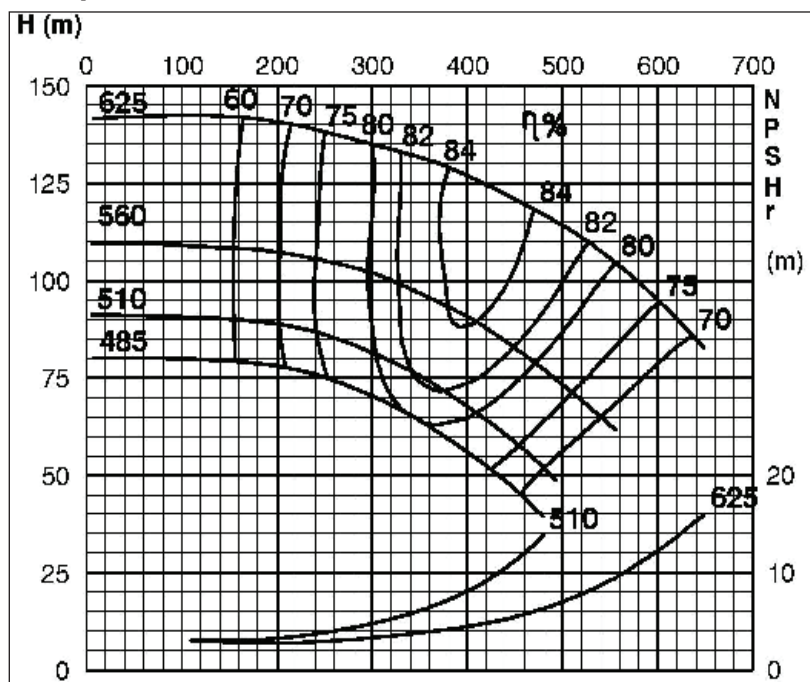


TECHNICAL SPECIFICATIONS

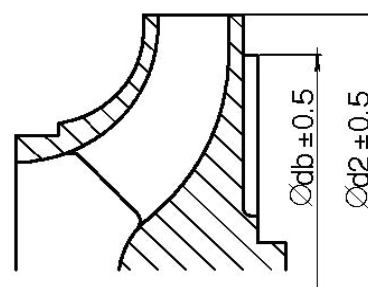
ISP Process Pumps - ISP250-600 ISP Impeller 284005 Closed B43 Z6

Performance Curve - ISP250-600-1490

1490 rpm



Impeller Dia	
Ød ₂ (mm)	Ød _b (mm)
625	555
620	553
615	550
610	546
605	543
600	542
595	539
590	537
585	534
580	529
575	528
570	525
565	521
560	518
555	516
550	514
545	513
540	512
535	510
530	507
525	504
520	503
515	502
510	497
505	496
500	494
495	493
490	490
485	485



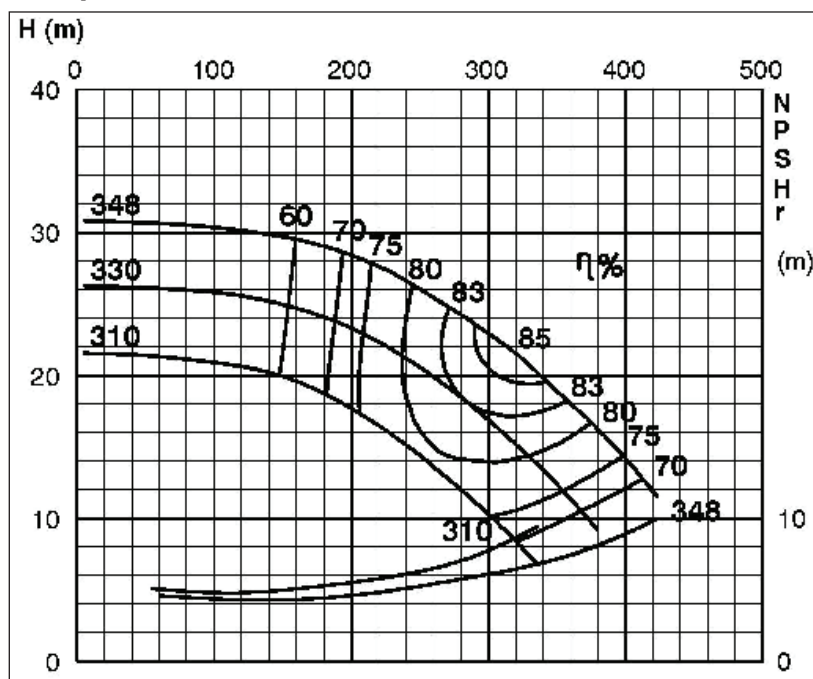
MTP127

TECHNICAL SPECIFICATIONS

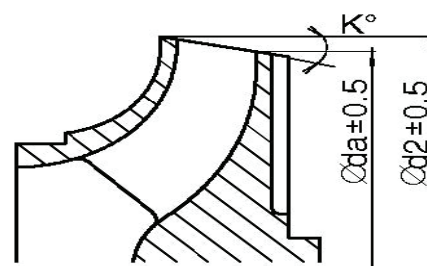
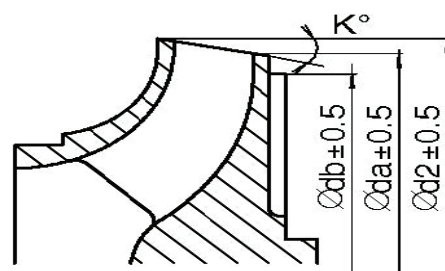
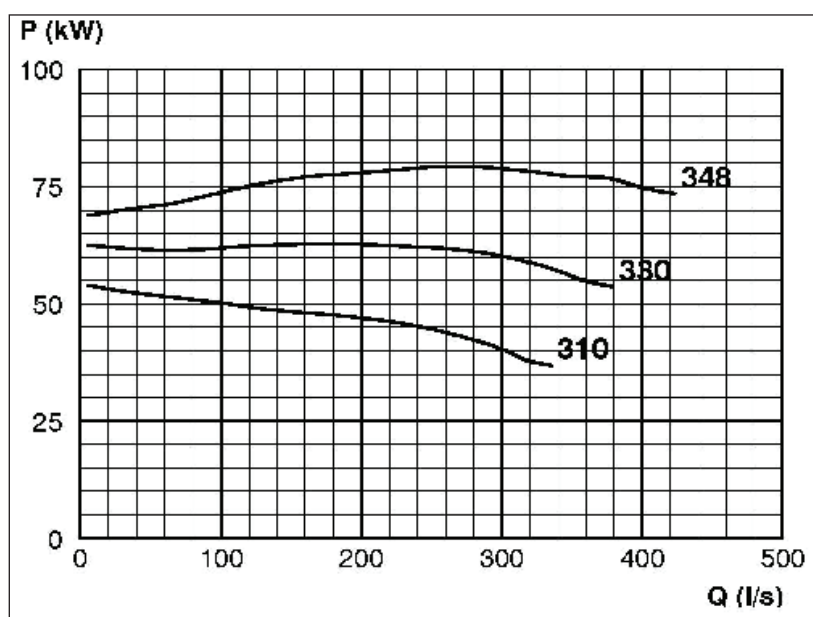
ISP Process Pumps - ISP300-250 ISP Impeller 283920 Closed B71 Z6

Performance Curve - ISP300-250-1480

1480 rpm



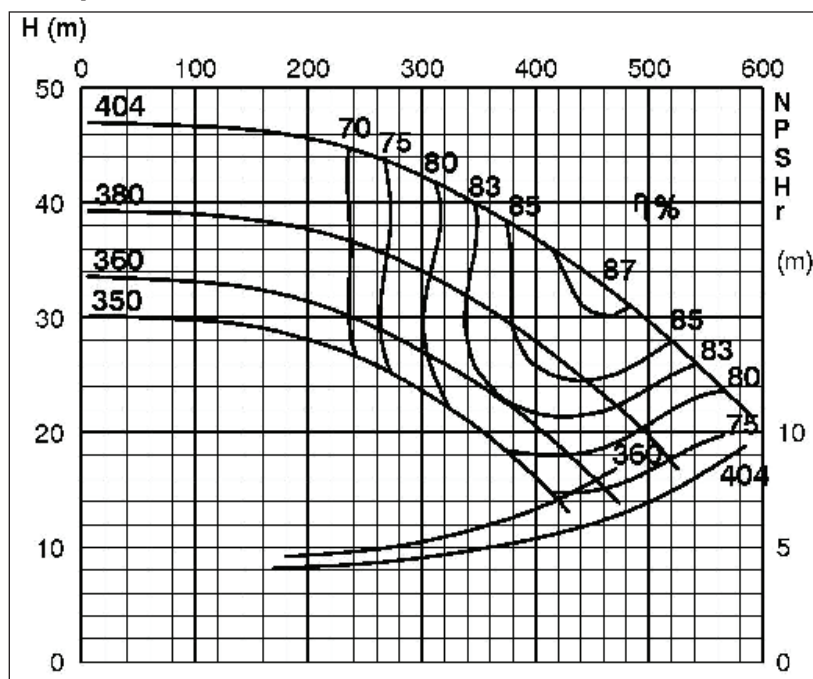
Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
348	17	307.0	299.1
345	18	301.0	299.1
340	19	293.0	
335	20	284.0	
330	21	276.0	
325	22	267.0	
320	23	258.0	
315	24	249.0	
310	25	240.0	



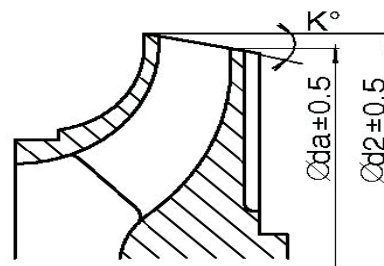
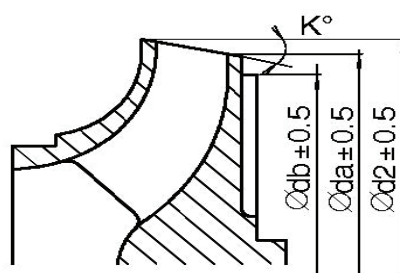
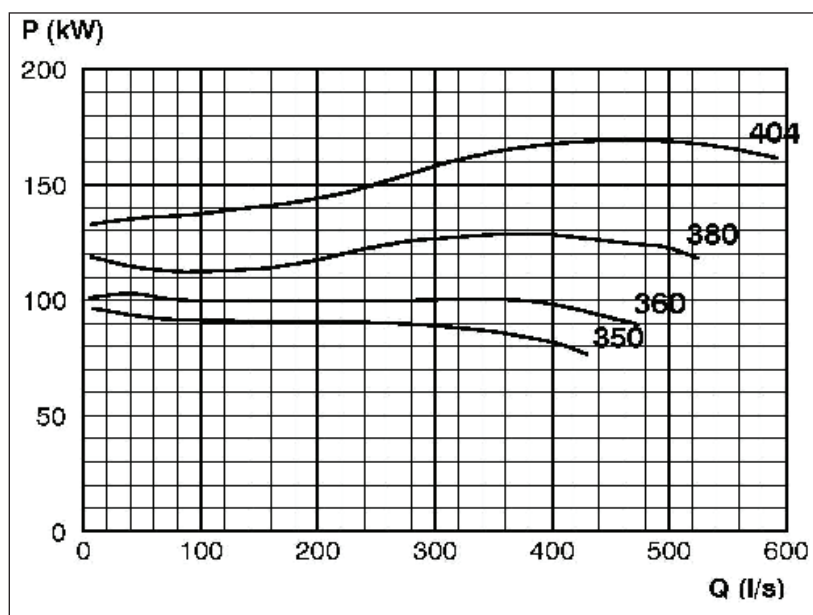
TECHNICAL SPECIFICATIONS

Performance Curve - ISP300-315-1480

1480 rpm



Impeller Dia			
$\varnothing d_2$ (mm)	K°	$\varnothing d_a$ (mm)	$\varnothing d_b$ (mm)
404	13	371.6	365.5
400	13	367.0	365.5
395	14	359.0	
390	14	354.0	
385	15	346.0	
380	16	338.0	
375	17	330.0	
370	18	322.0	
365	19	314.0	
360	20	305.0	
355	22	294.0	
350	24	282.0	

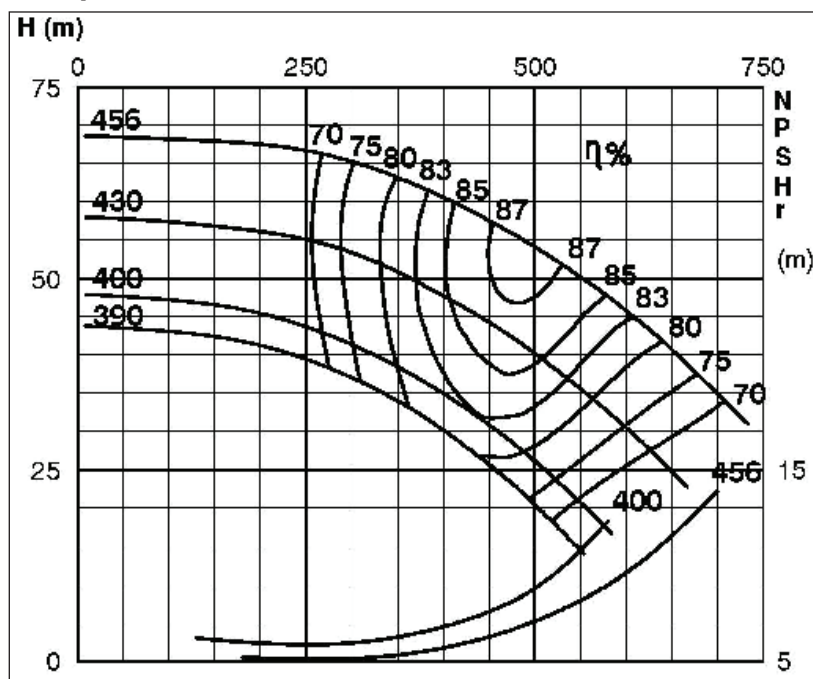


TECHNICAL SPECIFICATIONS

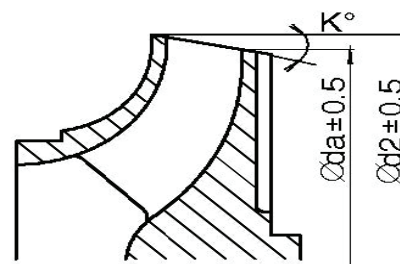
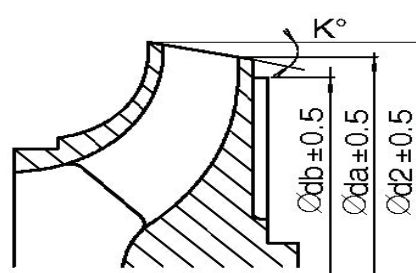
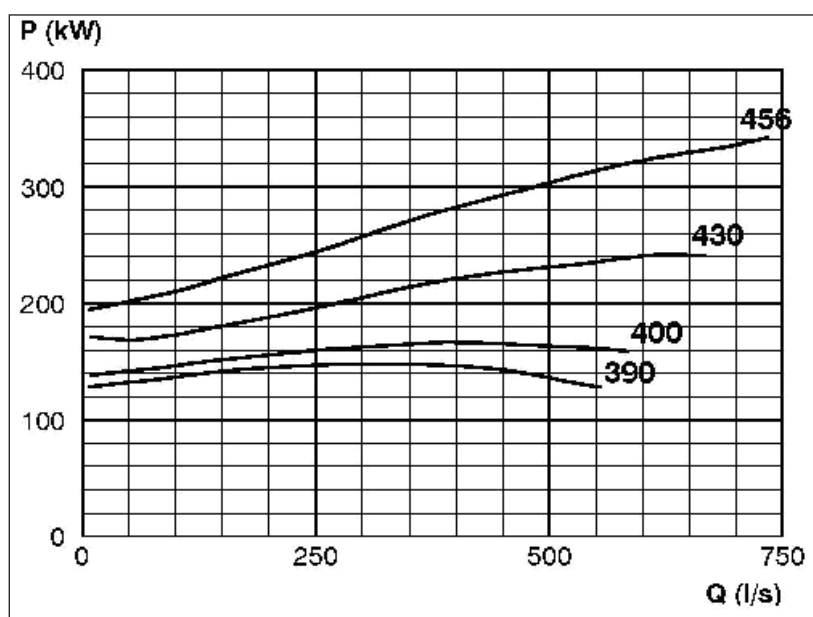
ISP Process Pumps - ISP300-400 ISP Impeller 283928 Closed B69 Z7

Performance Curve - ISP300-400-1490

1490 rpm



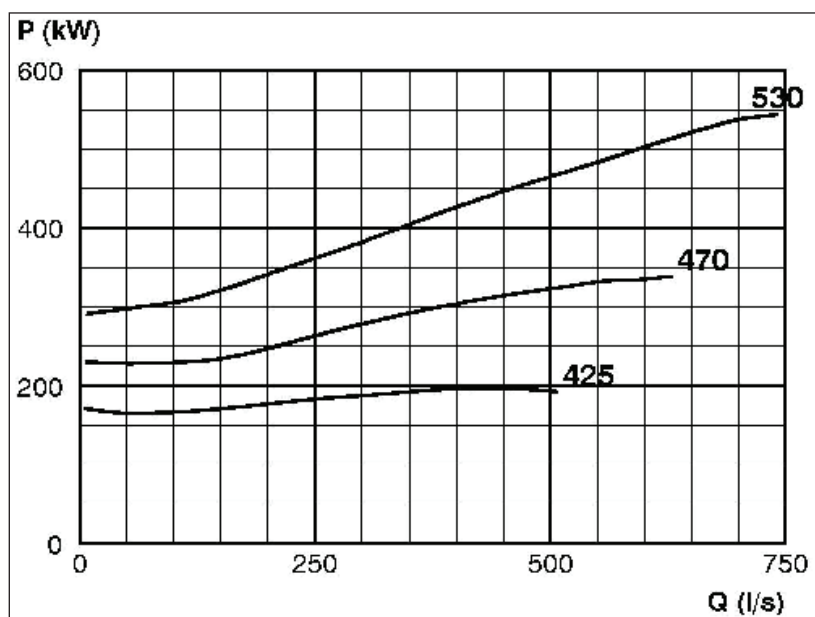
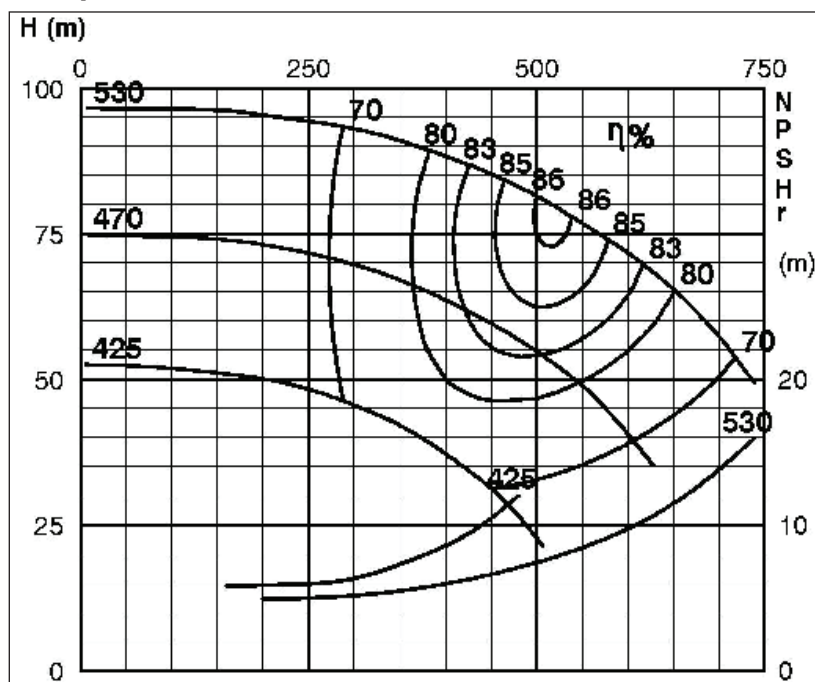
Impeller Dia			
Ød ₂ (mm)	K°	Ød _a (mm)	Ød _b (mm)
456	8	436.9	433.4
450	8	431.0	
445	9	423.0	
440	10	416.0	
435	10	410.0	
430	11	403.0	
425	11	397.0	
420	12	389.0	
415	12	384.0	
410	13	376.0	
405	14	368.0	
400	15	360.0	
395	16	352.0	
390	17	343.0	



TECHNICAL SPECIFICATIONS

Performance Curve - ISP300-500-1490

1490 rpm



Impeller Dia			
Ød ₂ (mm)	K°	Ød _a (mm)	Ød _b (mm)
530			522
525			519
520			516
515			513
510			
505			
500			
495			
490			
485			
480			
475			
470			
465	1	463.0	
460	2	455.0	
455	3	448.0	
450	4	440.0	
445	5	432.0	
440	6	425.0	
435	7	417.0	
430	8	409.0	
425	10	399.0	

