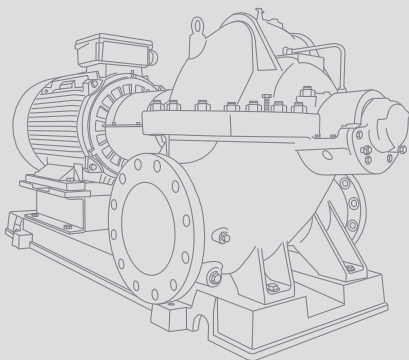
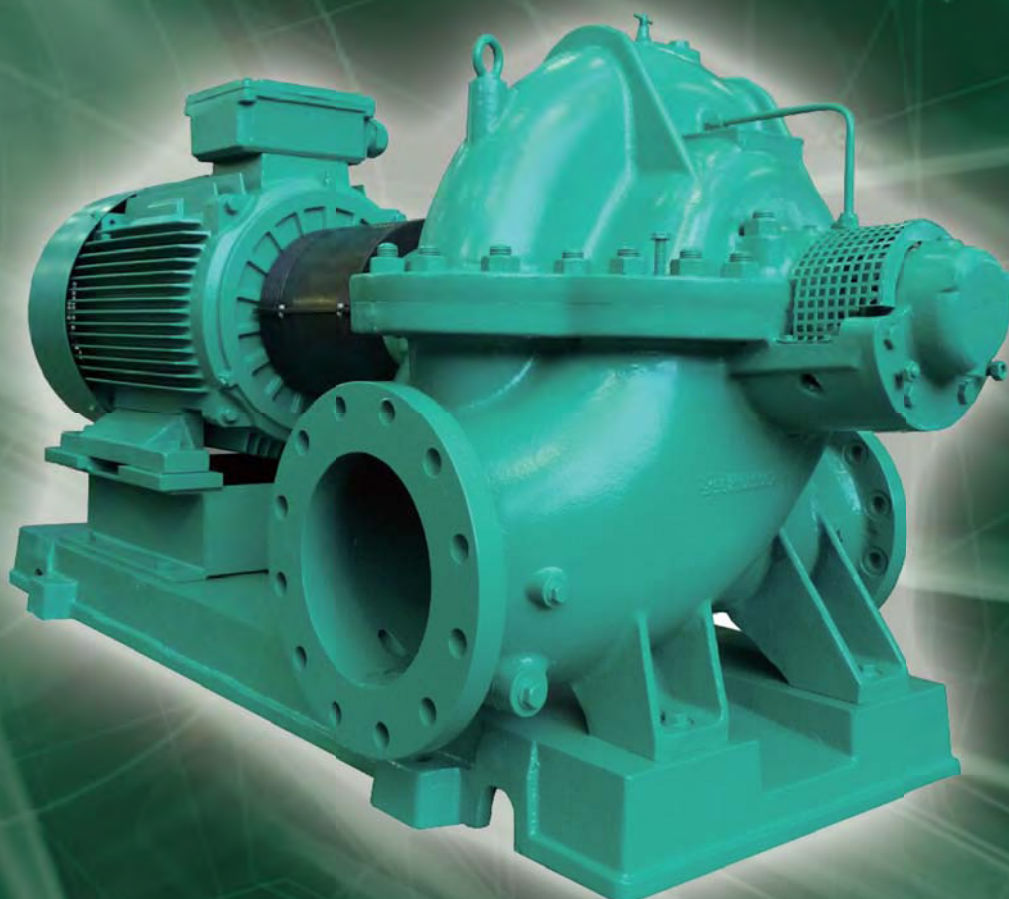


WILO – SCP

Axially Split Case Pumps



Commercial Water Supply and Pressure Boosting



*Safe, Efficient and Ecological.
Advanced Construction Design.*

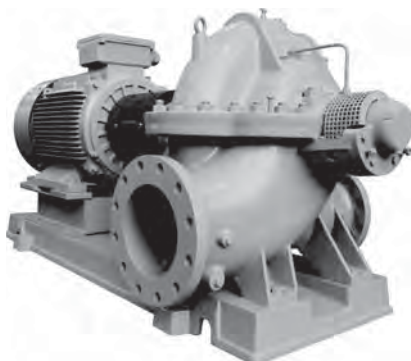
Wilo-SCP

The Wilo Group has over 140 years of experience in design, manufacture and application of centrifugal pumps and pump systems. With the acquisition of Mather & Platt in India, having a great deal of experience in the high flow business with the split case pump development, the Wilo Group had the opportunity to improve this range to be closer to market demands. Therefore, we implemented a new offer based on the best products of both ranges and standardised them under a sturdy design. The construction of the new series allows us to minimize the vibration of the rotating parts in order to increase the service life of mechanical seals and bearings. The SCP series is the first in its market segment to comply with the European RoHS (Restriction of Hazardous Substances) directive in the configuration type R, thus reducing environmental impact.



Series description	4
Technical data	10
Pump curves	12
Dimensions and weights	31

Series description Wilo-SCP



Design

Low-pressure centrifugal pump with axially split housing mounted on the baseplate

Application

- Pumping heating water in accordance with VDI 2035 water/glycol mixtures, cooling/cold water and secondary hot water
- Applications in municipal water supply, irrigation, building services, general industry, power stations, etc.

Scope of delivery

- Pump
- Installation and operating instructions

Type key

Example	SCP 50/180HA-1.5/4
SCP	Monobloc pump
50	Nominal discharge diameter in DN
180	Nominal impeller diameter
HA	Hydraulic type A
HB	Hydraulic type B
HS	Single suction impeller
DS	Double stage pump
DV	Double volute
1.5	Nominal motor power P_2 in kW
4	Number of poles

Materials

- Pump housing: EN-GJL-250
- Impeller: G-CuSn5 ZnPb
- Shaft: X12Cr13

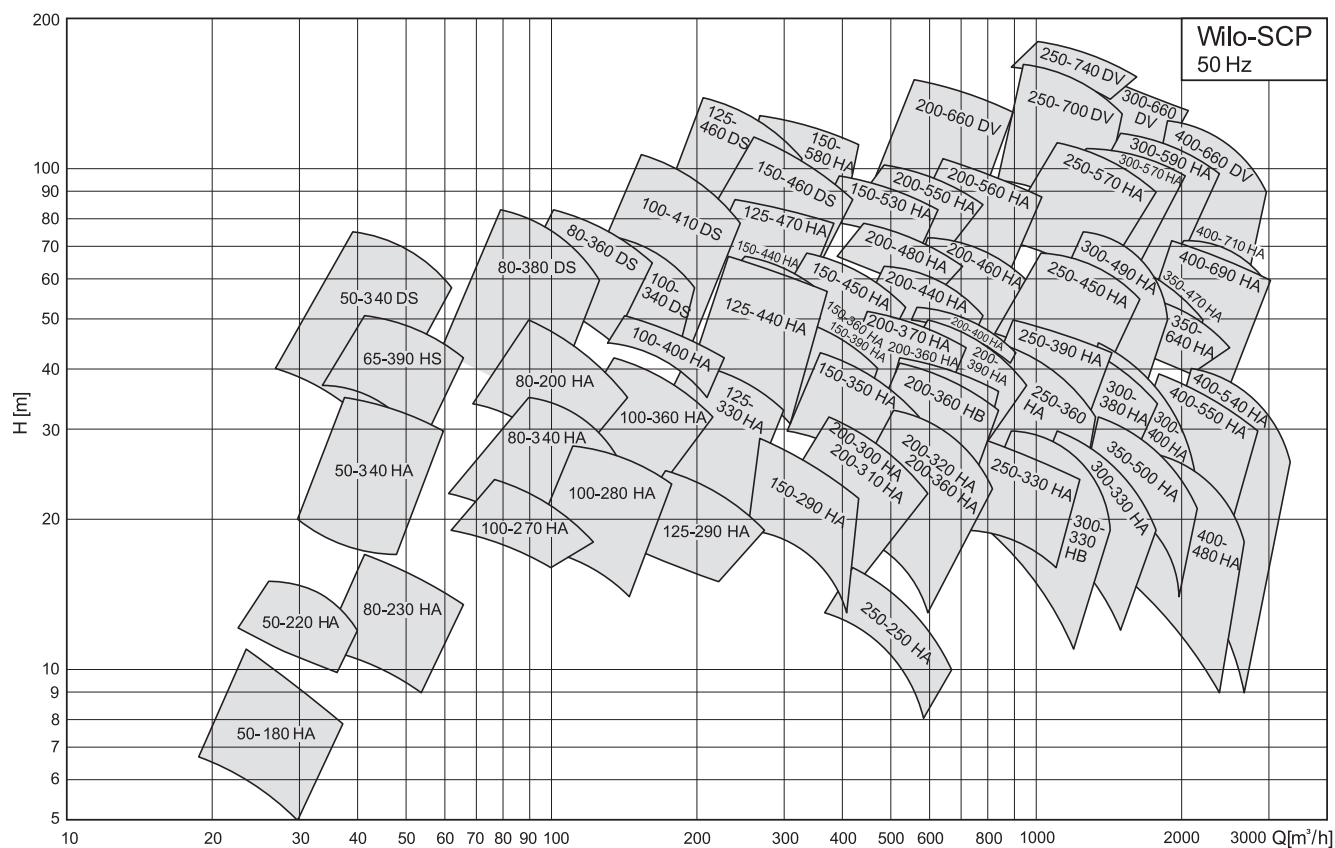
Description/design

- Single or two-stage low-pressure centrifugal pumps in block construction with axially split housing
- Delivery as complete unit (pump with coupling, coupling protection, motor and baseplate) or without motor or only pump hydraulics
- Shaft sealing with mechanical shaft seal or stuffing box
- 2, 4 and 6 pole motors

Series description Wilo-SCP

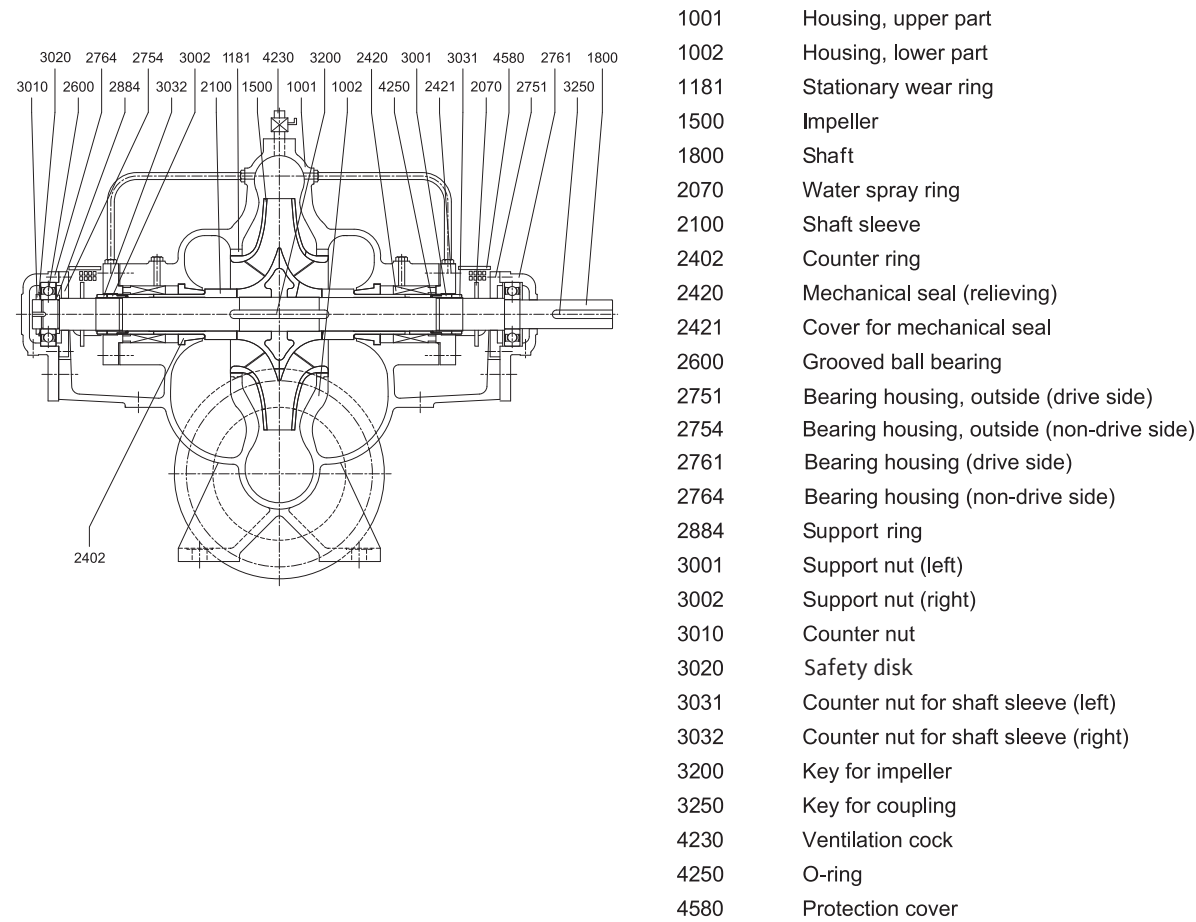
Options

- 50 Hz motor as standard version, other versions on request
- Higher volume flow up to 17 000 m³/h as special version
- Special motor (6000 V, 10 000 V etc.)
- Special construction
 - Impeller: grey cast iron, stainless steel
 - Housing: Grey cast iron, spheroidal cast iron
- Cyclone separator (for flushing the seal)



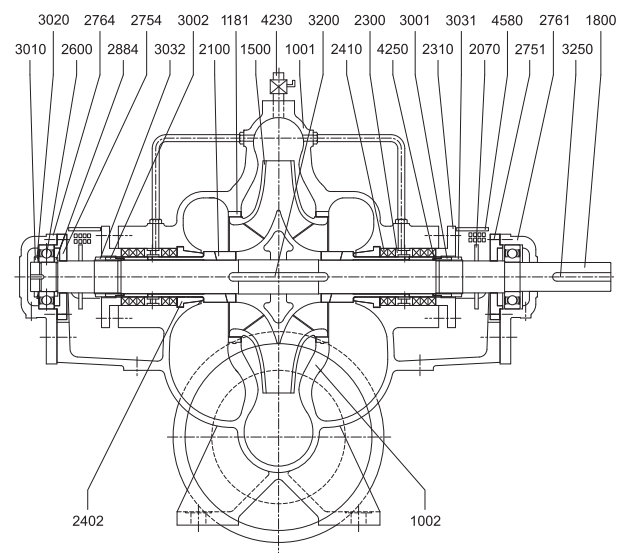
Series description Wilo-SCP

Section drawing: Single-stage pump with mechanical seal



Series description Wilo-SCP

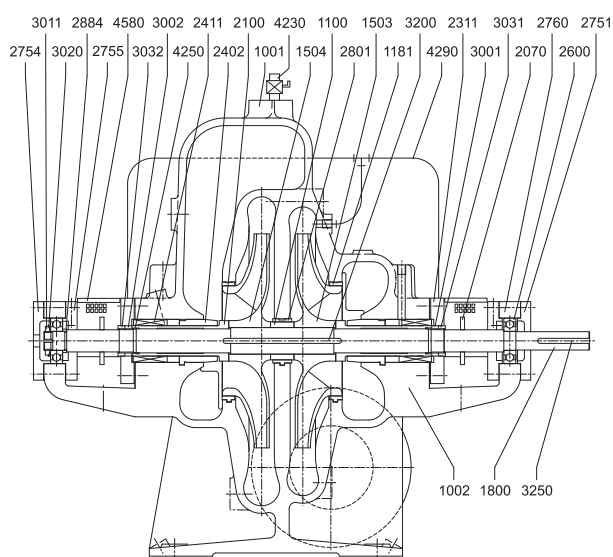
Section drawing: Single-stage pump with stuffing box



- | | |
|------|---|
| 1001 | Housing, upper part |
| 1002 | Housing, lower part |
| 1181 | Stationary wear ring |
| 1500 | Impeller |
| 1800 | Shaft |
| 2070 | Water spray ring |
| 2100 | Shaft sleeve |
| 2300 | Lantern ring |
| 2310 | Gland |
| 2402 | Counter ring |
| 2410 | Stuffing box |
| 2600 | Grooved ball bearing |
| 2751 | Bearing housing, outside (drive side) |
| 2754 | Bearing housing, outside (non-drive side) |
| 2761 | Bearing housing (drive side) |
| 2764 | Bearing housing (non-drive side) |
| 2884 | Support ring |
| 3001 | Support nut (left) |
| 3002 | Support nut (right) |
| 3010 | Counter nut |
| 3020 | Safety disk |
| 3031 | Counter nut for shaft sleeve (left) |
| 3032 | Counter nut for shaft sleeve (right) |
| 3200 | Key for impeller |
| 3250 | Key for coupling |
| 4230 | Ventilation cock |
| 4250 | O-ring |
| 4580 | Protection cover |

Series description Wilo-SCP

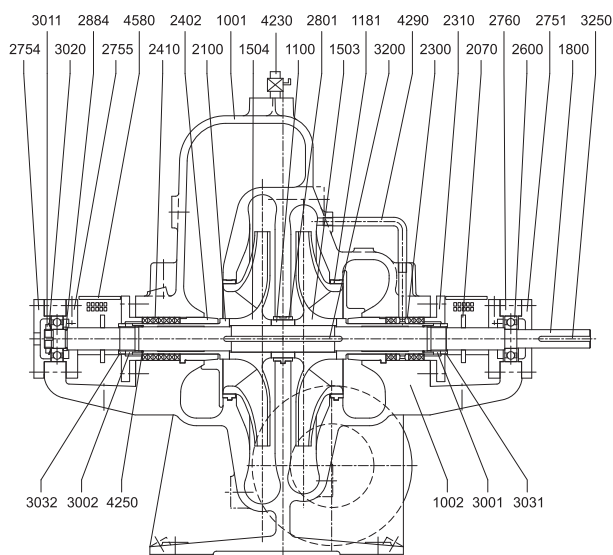
Section drawing: Two-stage pump with mechanical seal



1001	Housing, upper part
1002	Housing, lower part
1100	Spacer ring
1181	Stationary wearing
1503	Impeller, first stage (right)
1504	Impeller, second stage (left)
1800	Shaft
2070	Water spray ring
2100	Shaft sleeve
2311	Cover for mechanical seal
2402	Counter ring
2411	Mechanical seal
2600	Grooved ball bearing
2751	Bearing housing, outside (drive side)
2754	Bearing housing, outside (non-drive side)
2755	Bearing housing, inside (drive and non-drive side)
2760	Bearing housing
2801	Intermediate bearing sleeve
2884	Support ring
3001	Support nut (left)
3002	Support nut (right)
3011	Counter nut
3020	Safety disk
3031	Counter nut for shaft sleeve (left)
3032	Counter nut for shaft sleeve (right)
3200	Key for impeller
3250	Key for coupling
4230	Ventilation cock
4250	O-ring
4290	Flushing pipe for mechanical seal
4580	Protection cover

Series description Wilo-SCP

Section drawing: Two-stage pump with stuffing box packing



1001	Housing, upper part
1002	Housing, lower part
1100	Spacer ring
1181	Stationary wearing
1503	Impeller, first stage (right)
1504	Impeller, second stage (left)
1800	Shaft
2070	Water spray ring
2100	Shaft sleeve
2300	Lantern ring
2310	Gland
2402	Counter ring
2410	Stuffing box
2600	Grooved ball bearing
2751	Bearing housing, outside (drive side)
2754	Bearing housing, outside (non-drive side)
2755	Bearing housing, inside (drive and non-drive side)
2760	Bearing housing
2801	Intermediate bearing sleeve
2884	Support ring
3001	Support nut (left)
3002	Support nut (right)
3011	Counter nut
3020	Safety disk
3031	Counternut for shaft sleeve (left)
3032	Counternut for shaft sleeve (right)
3200	Key for impeller
3250	Key for coupling
4230	Ventilation cock
4250	O-ring
4290	Water sealing pipe
4580	Protection cover

Technical data Wilo-SCP	
	Wilo-SCP
Approved fluids (other fluids on request)	
Heating water (in accordance with VDI 2035)	•
Cooling and cold water	•
Water-glycol mixtures (for 20-40 vol.% glycol and fluid temperature $\leq 40^{\circ}\text{C}$)	• (from 10 vol.% glycol: performance check required)
Permitted field of application	
Fluid temperature (mechanical seal) [$^{\circ}\text{C}$]	-20 ~ +120
Fluid temperature (stuffing box) [$^{\circ}\text{C}$]	105
Pipe connections	
Nominal connection diameters DN	on suction side: 65-500(larger nominal diameters on request) on pressure side: 50-400(larger nominal diameters on request)
Materials	
Pump housing	• EN-GJL-250
Pump housing (optional version)	– spheroidal cast iron
Impeller (standard)	• G-CuSn5ZnPb
Impeller (optional version)	– grey cast iron, stainless steel
Stationary wear rings	• G-CuPb10Sn
Pump shaft	• X12 cr 13
Mechanical seal	• Carbon/silicon carbide/EPDM
Other seals (optional version)	– stuffing box
Materials (American standard)	
Pump housing	A48 class35
Pump housing (optional version)	spheroidal cast iron
Impeller	B584 C83 600
Impeller (optional version)	grey cast iron, stainless steel
Stationary wear rings	B584 C93 700
Pump shaft	A276 type 410
Mechanical seal	Carbon/silicon carbide/EPDM
Other seals (optional version)	stuffing box

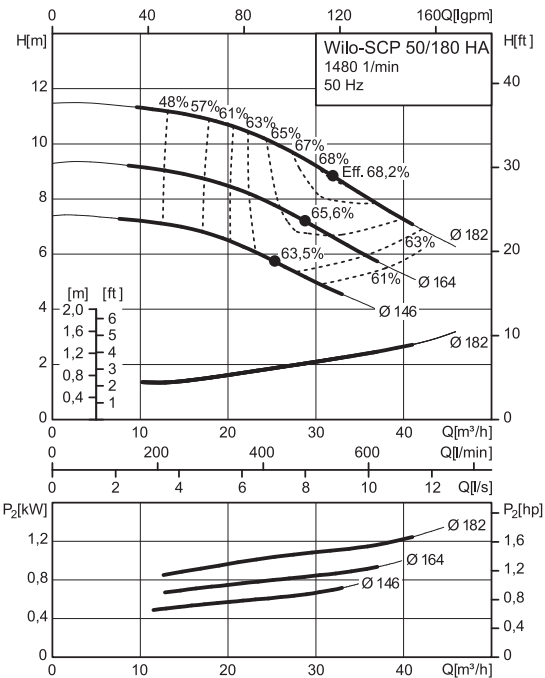
Technical data Wilo-SCP	
	Wilo-SCP
Motor/electronics	
Factory standard IEC motor	•
Protection class	• IP55 (IP56 on request)
Insulation class	• F (others on request)
PTC thermistor sensor	–
Motor protection required onsite	– (to be provided for onsite installation)
Motor winding up to 3 kW	• 220 – 240 V Δ /400 VY, 50 Hz
Motor winding from 4 kW	• 380 – 415 V Δ /690 VY, 50 Hz
Other voltages/frequencies	–
Speed of 6-pole motors [rpm]	• 980
Speed of 4-pole motors [rpm]	• 1480
Speed of 2-pole motors [rpm]	• 2980
Speed control	– Wilo control devices, external frequency converter

• = available

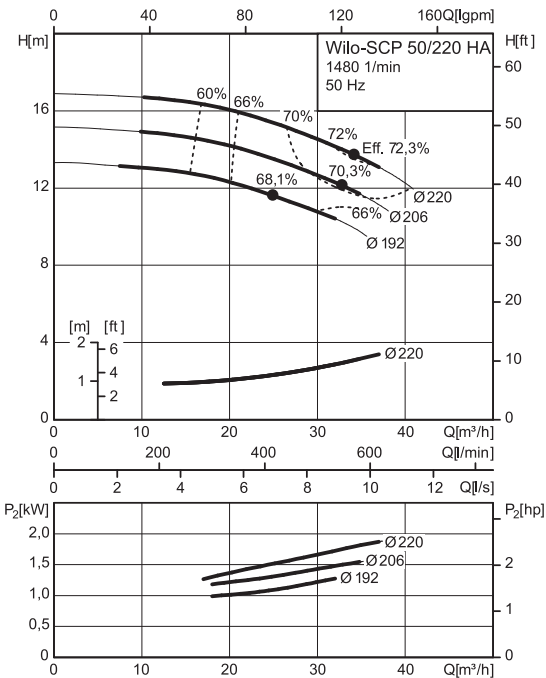
– = not available

Pump curves Wilo-SCP

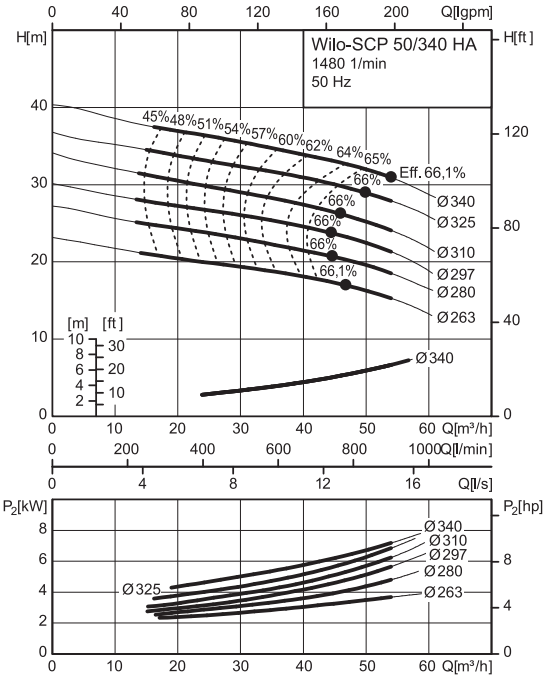
Wilo-SCP 50/180 HA



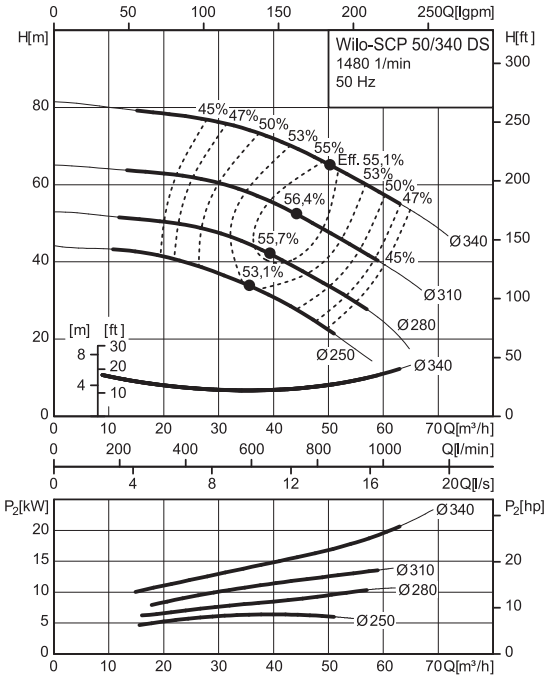
Wilo-SCP 50/220 HA



Wilo-SCP 50/340 HA

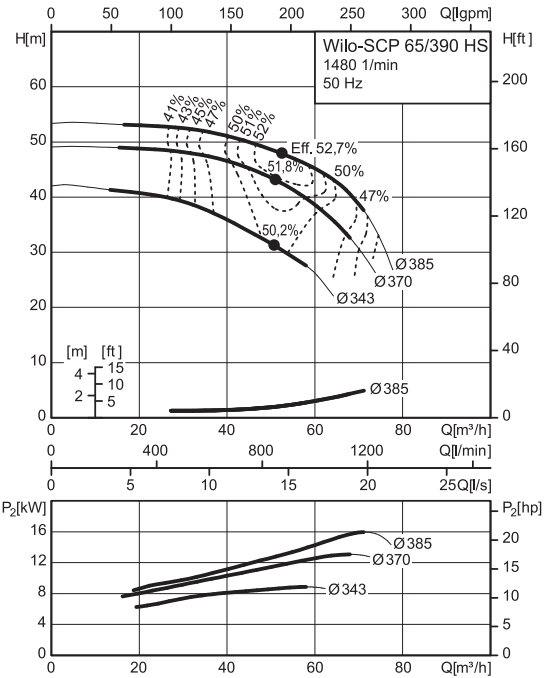


Wilo-SCP 50/340 DS

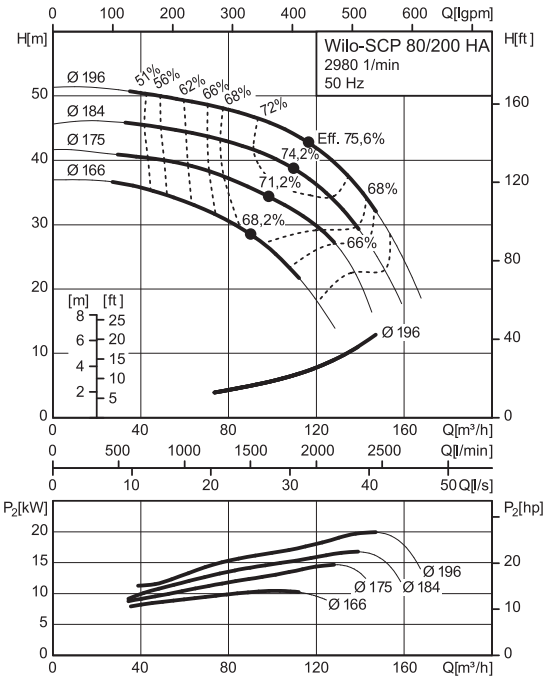


Pump curves Wilo-SCP

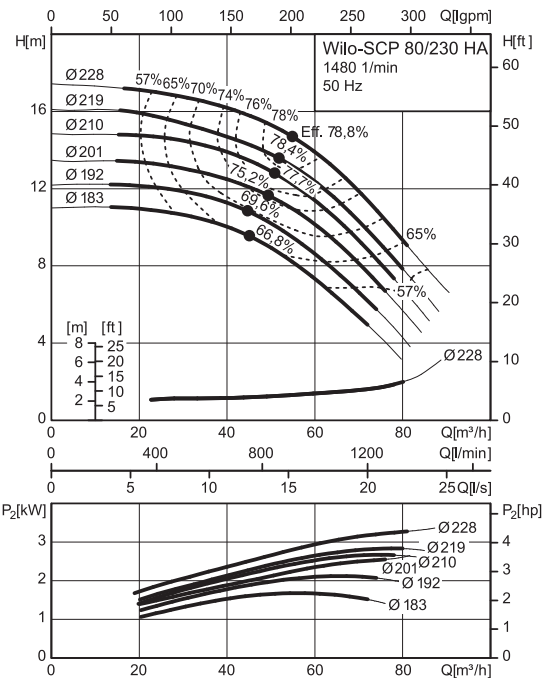
Wilo-SCP 65/390 HS



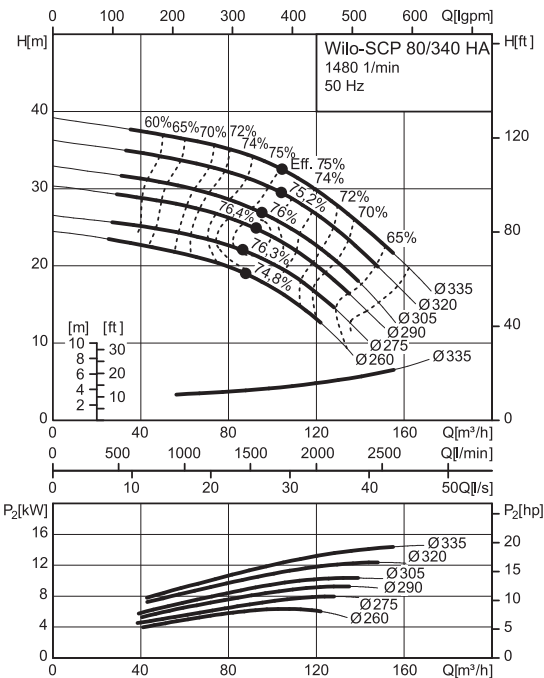
Wilo-SCP 80/200 HA



Wilo-SCP 80/230 HA

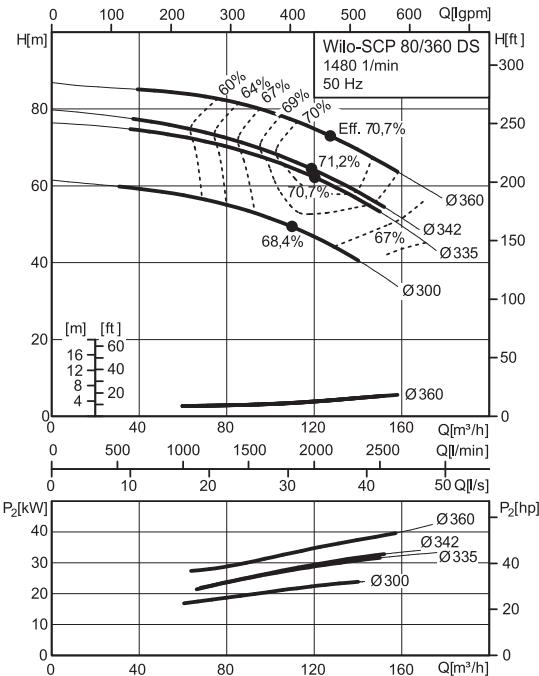


Wilo-SCP 80/340 HA

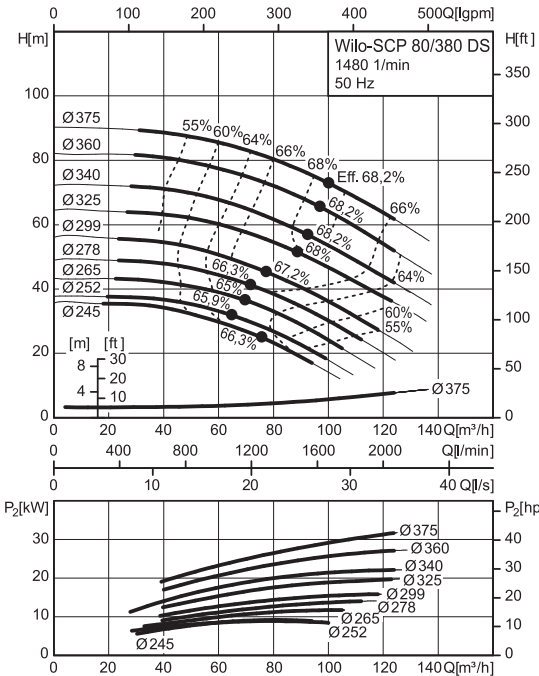


Pump curves Wilo-SCP

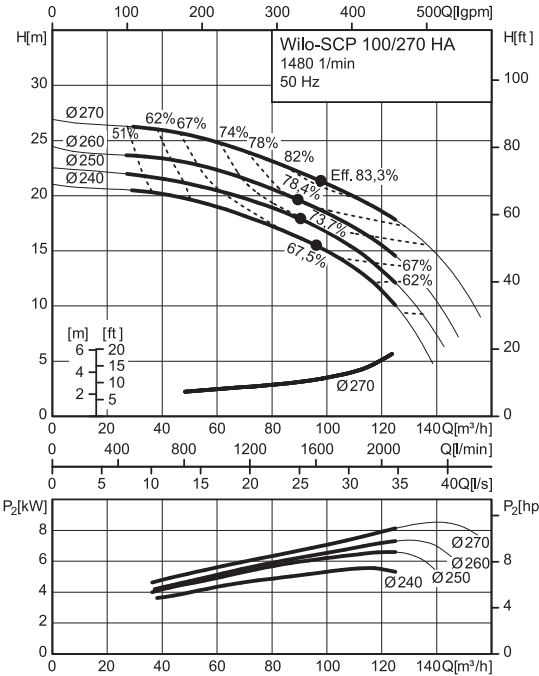
Wilo-SCP 80/360 DS



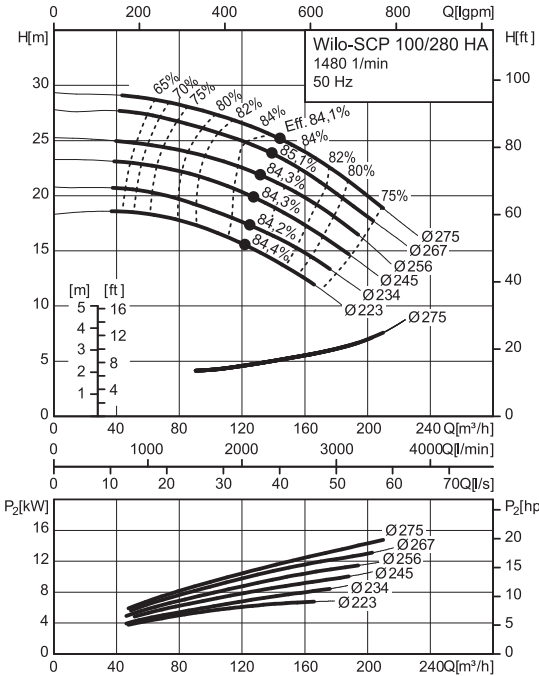
Wilo-SCP 80/380 DS



Wilo-SCP 100/270 HA

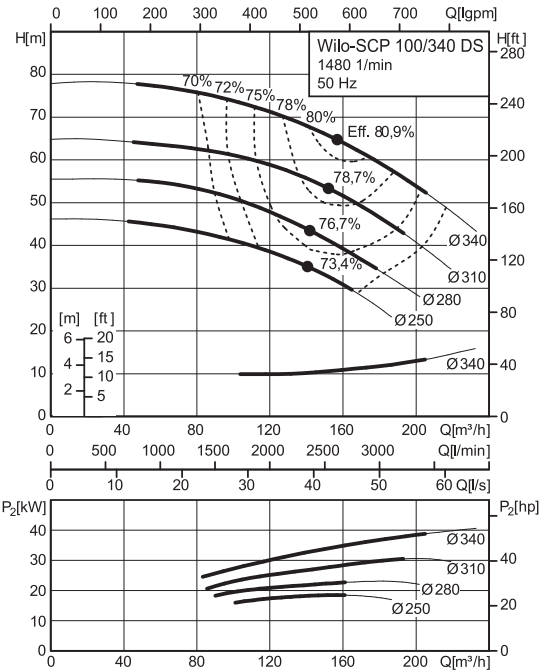


Wilo-SCP 100/280 HA

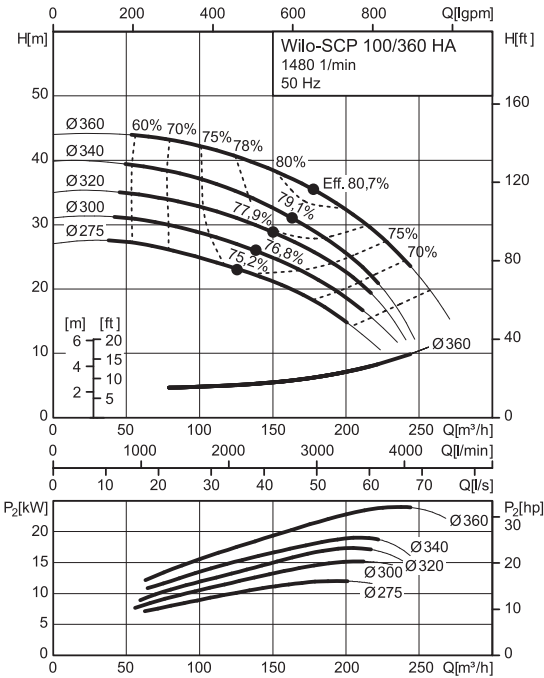


Pump curves Wilo-SCP

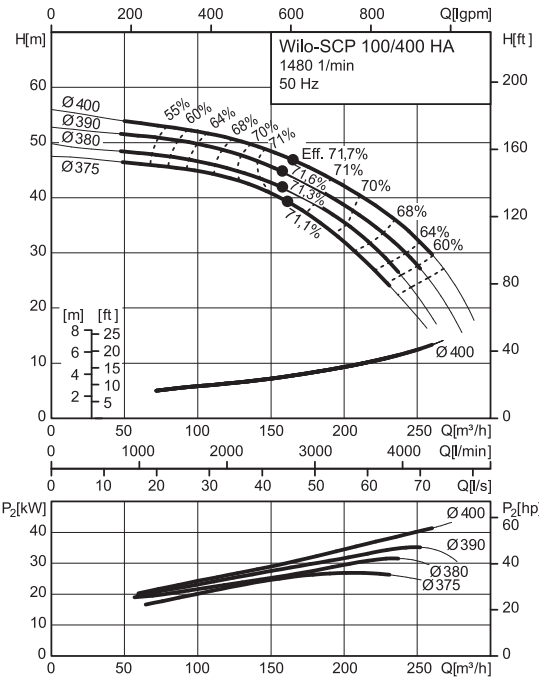
Wilo-SCP 100/340 DS



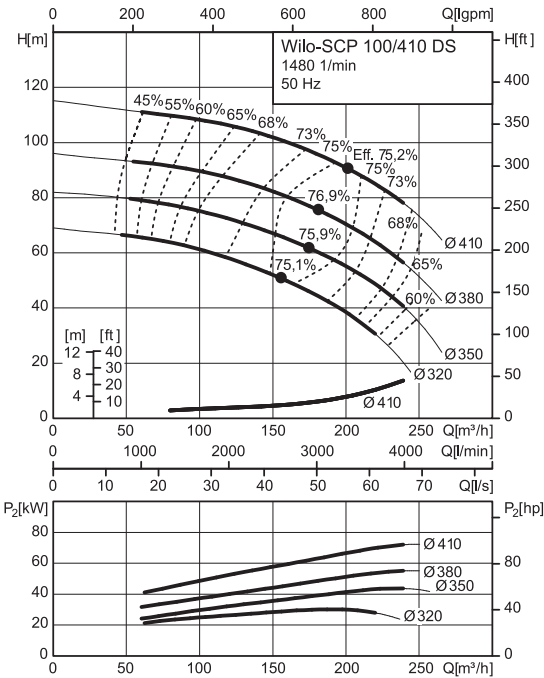
Wilo-SCP 100/360 HA



Wilo-SCP 100/400 HA

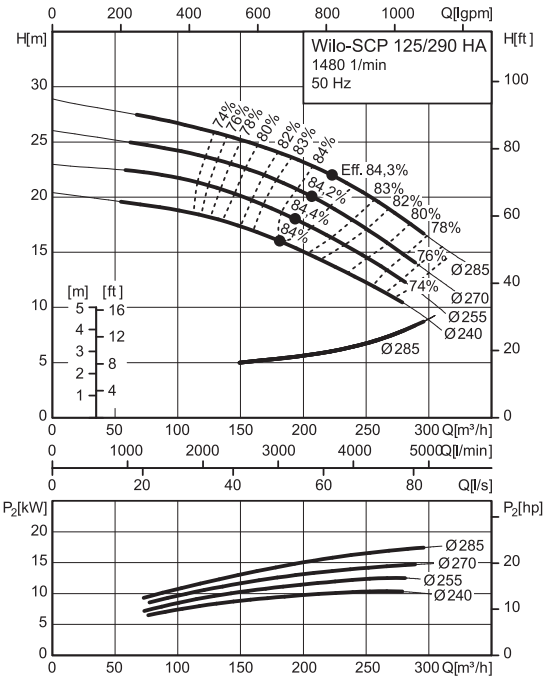


Wilo-SCP 100/410 DS

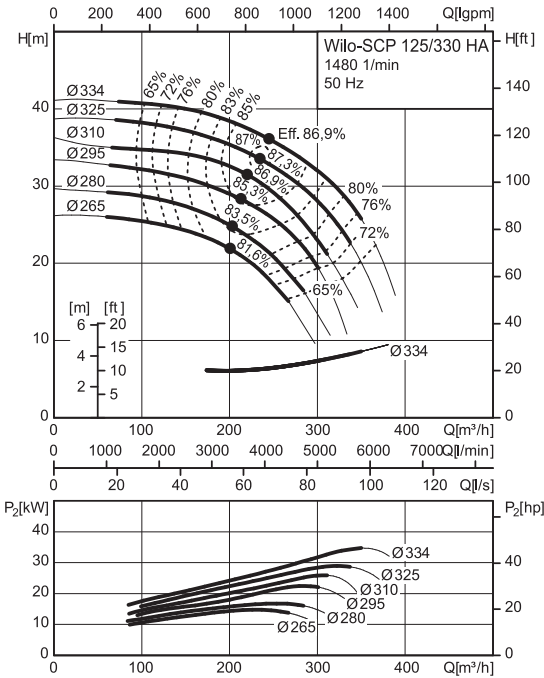


Pump curves Wilo-SCP

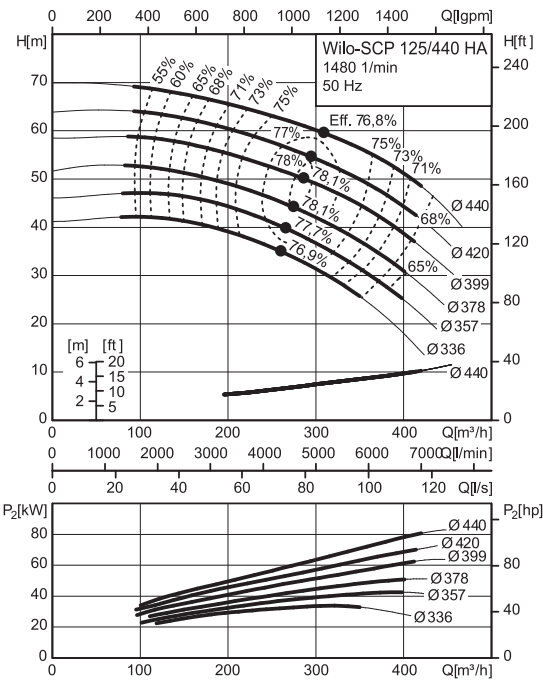
Wilo-SCP 125/290 HA



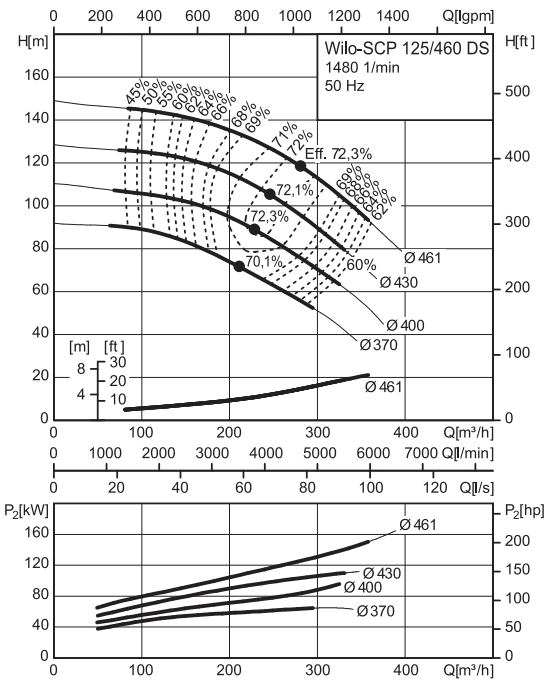
Wilo-SCP 125/330 HA



Wilo-SCP 125/440 HA

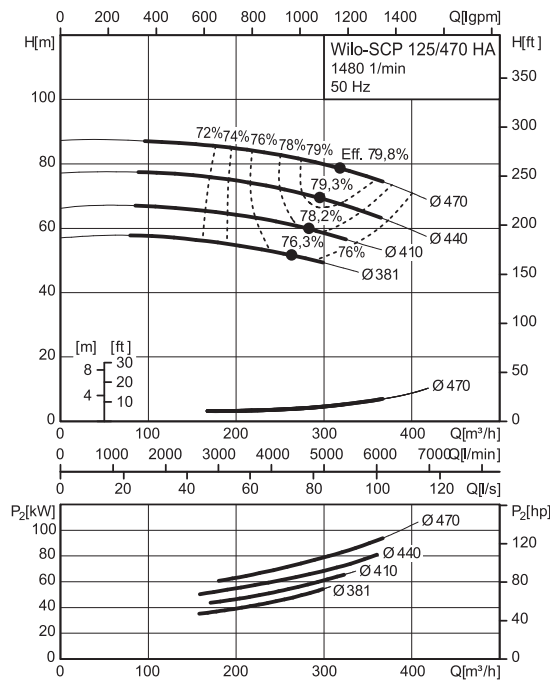


Wilo-SCP 125/460 DS

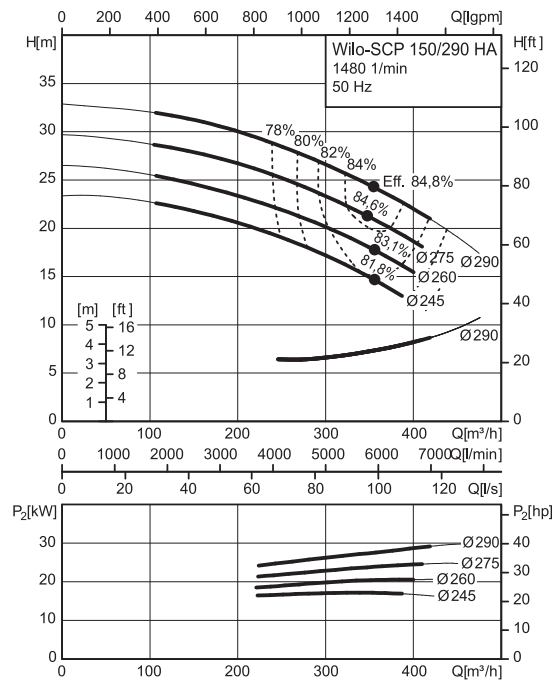


Pump curves Wilo-SCP

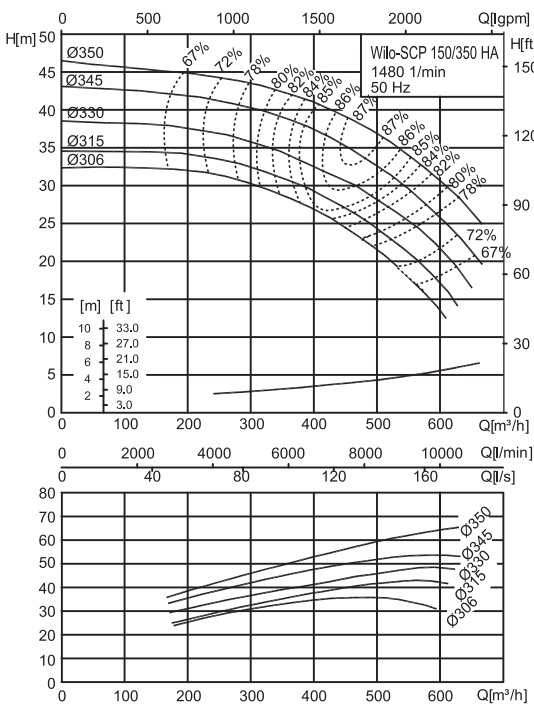
Wilo-SCP 125/470 HA



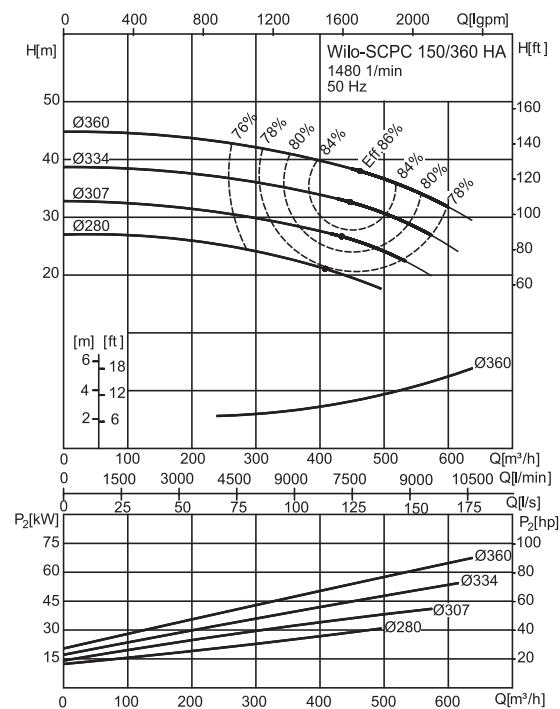
Wilo-SCP 150/290 HA



Wilo-SCP 150/350 HA

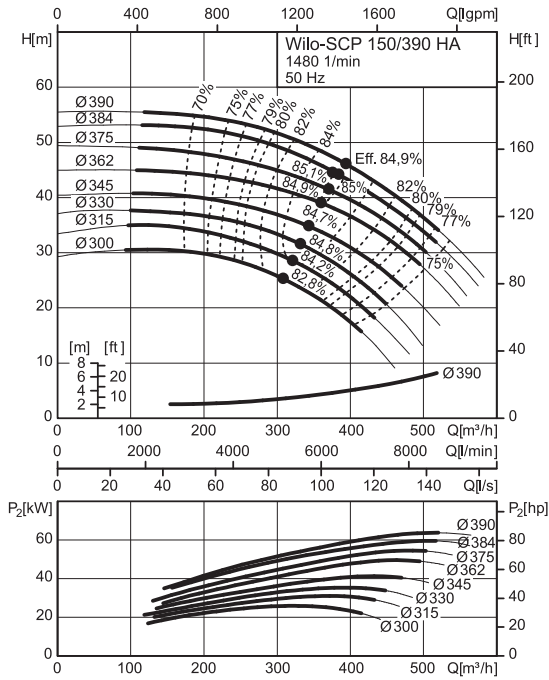


Wilo-SCPC 150/360 HA

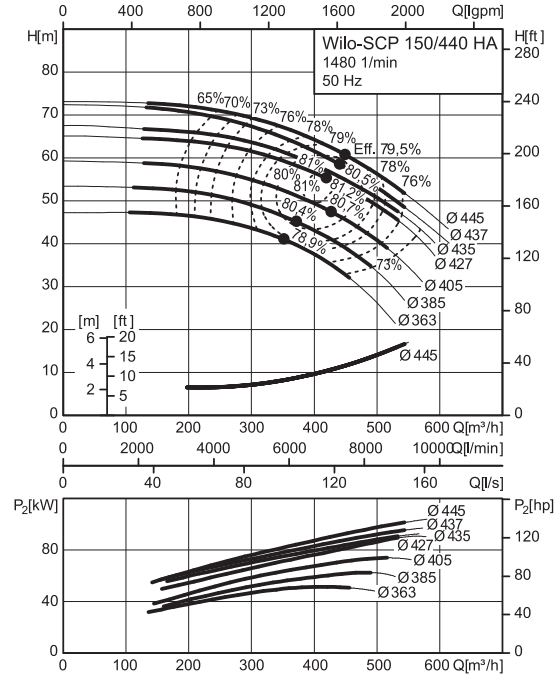


Pump curves Wilo-SCP

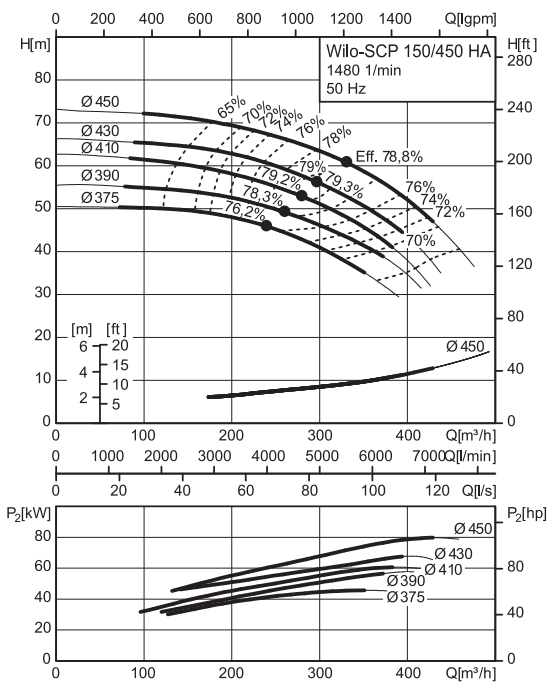
Wilo-SCP 150/390 HA



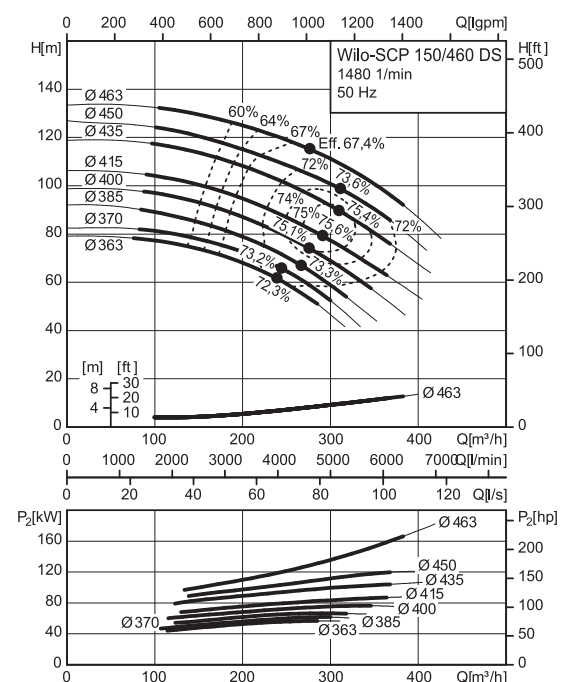
Wilo-SCP 150/440 HA



Wilo-SCP 150/450 HA

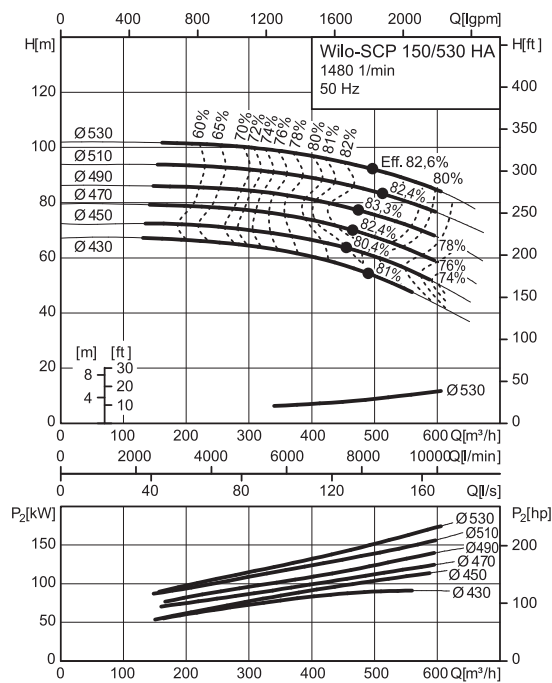


Wilo-SCP 150/460 DS

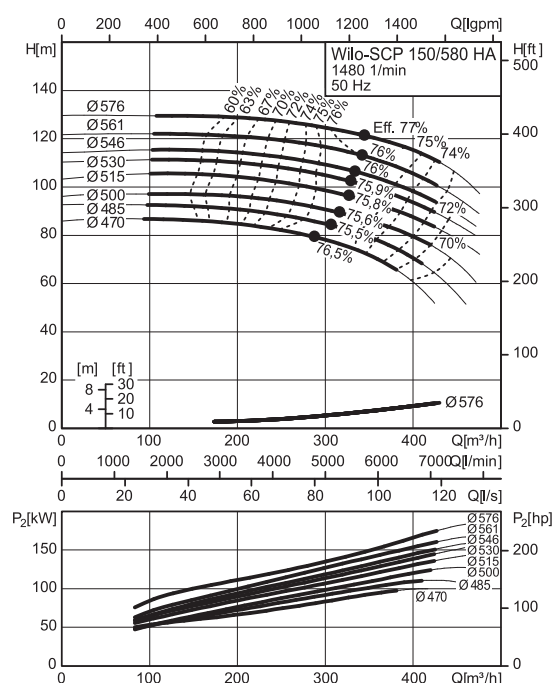


Pump curves Wilo-SCP

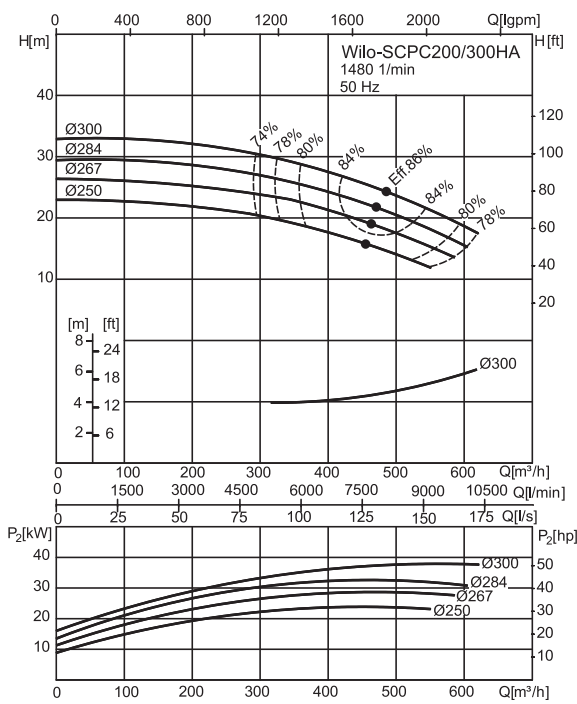
Wilo-SCP 150/530 HA



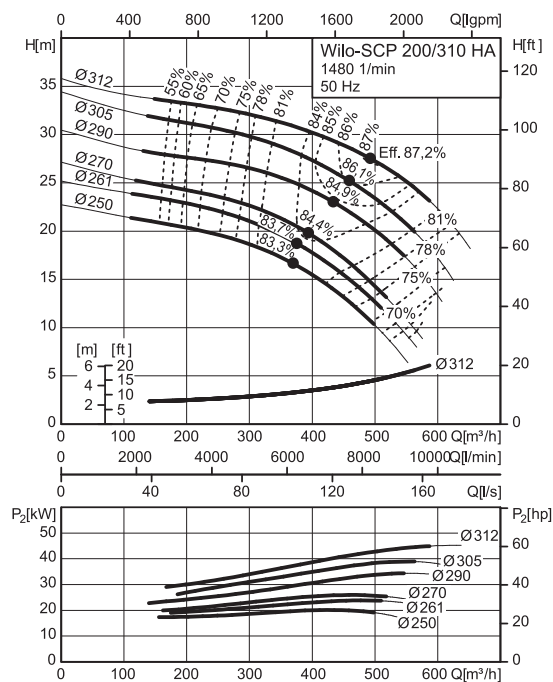
Wilo-SCP 150/580 HA



Wilo-SCPC 200/300 HA

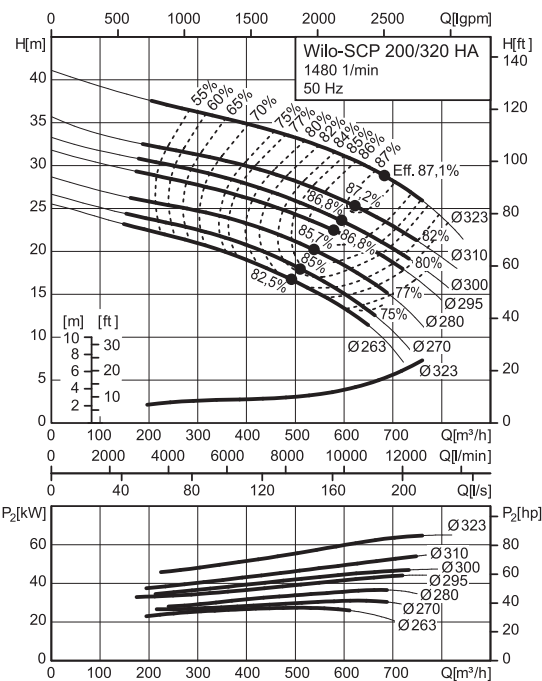


Wilo-SCP 200/310 HA

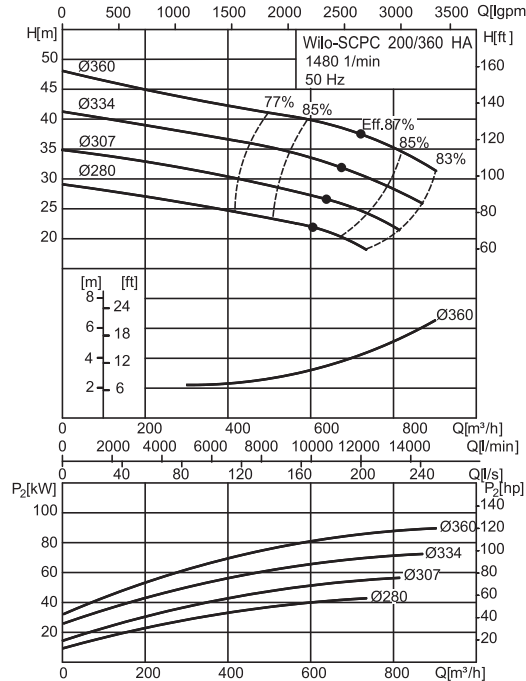


Pump curves Wilo-SCP

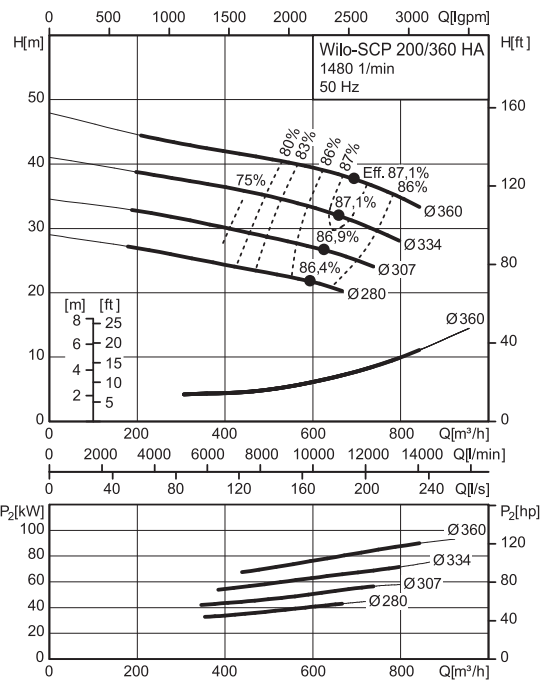
Wilo-SCP 200/320 HA



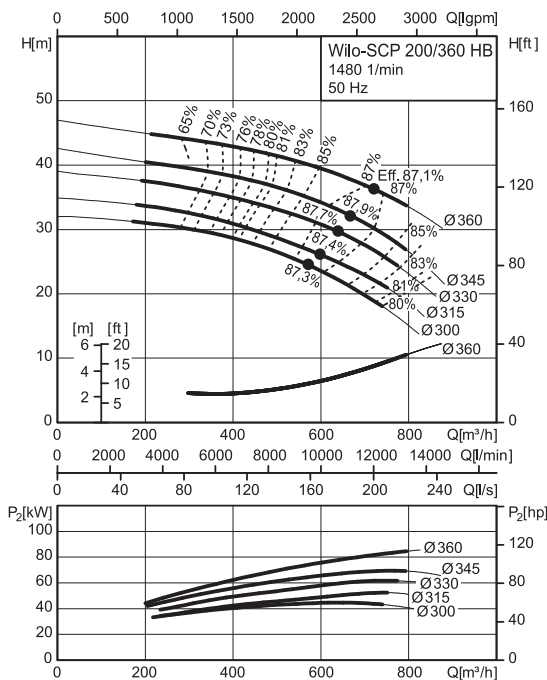
Wilo-SCPC 200/360 HA



Wilo-SCP 200/360 HA

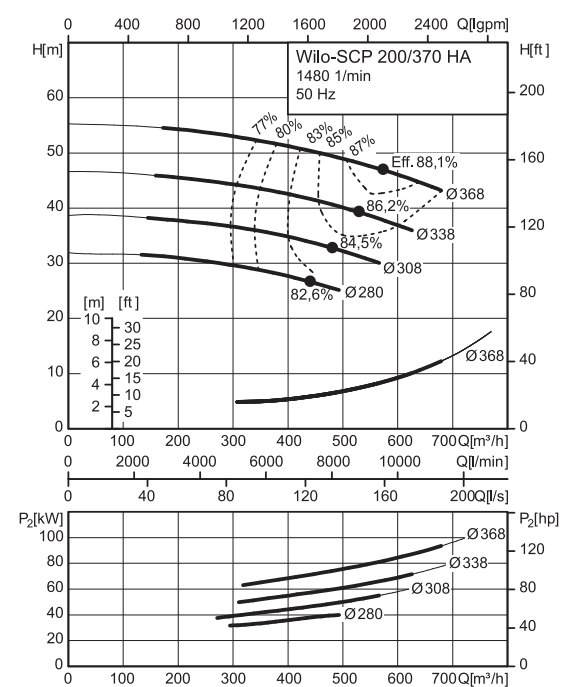


Wilo-SCP 200/360 HB

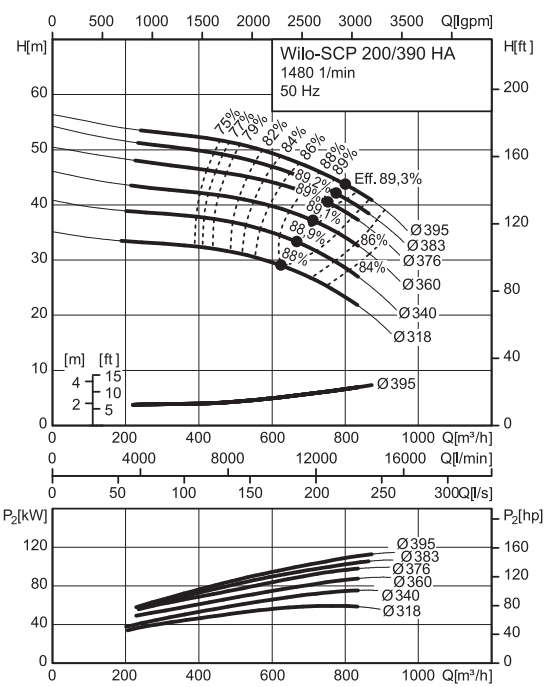


Pump curves Wilo-SCP

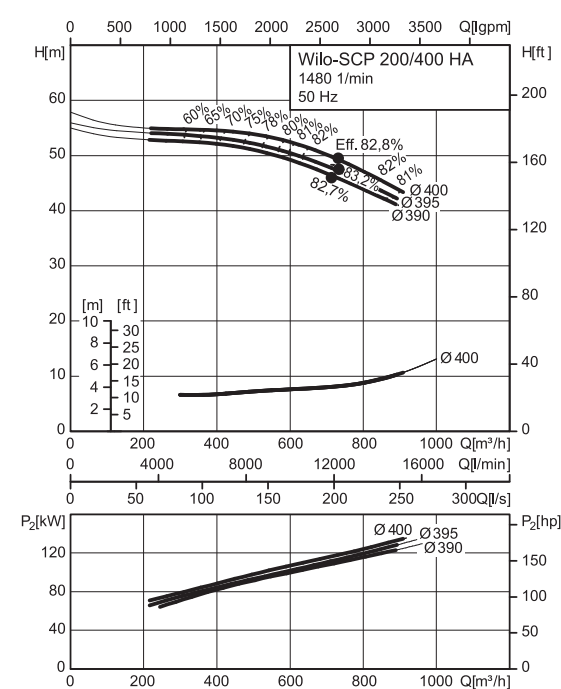
Wilo-SCP 200/370 HA



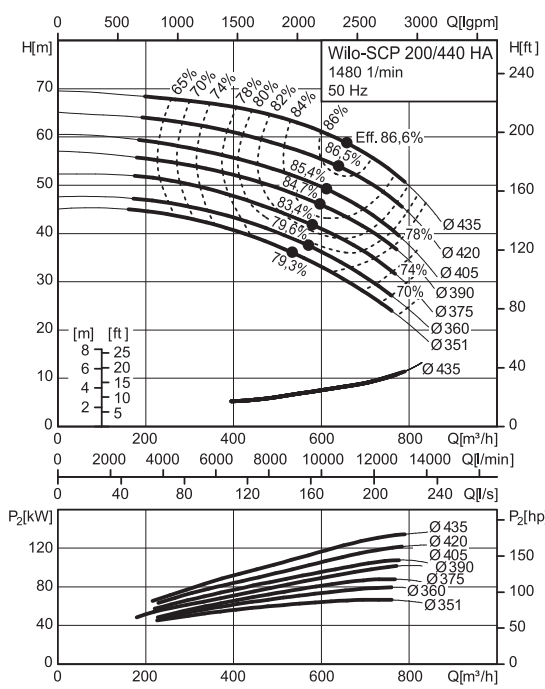
Wilo-SCP 200/390 HA



Wilo-SCP 200/400 HA

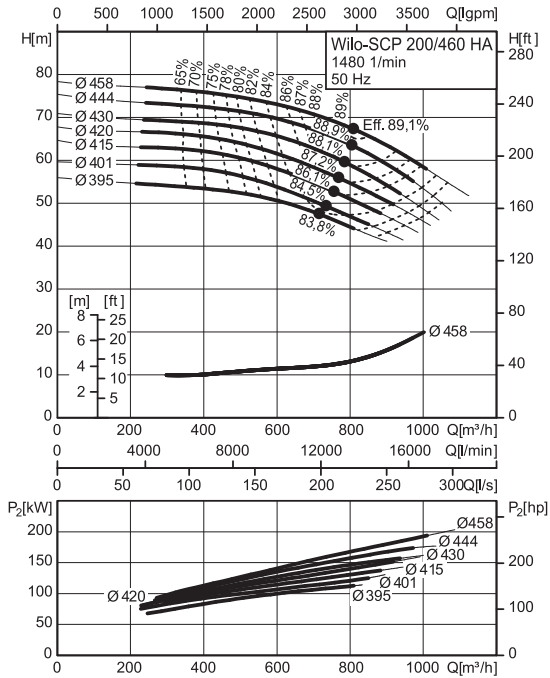


Wilo-SCP 200/440 HA

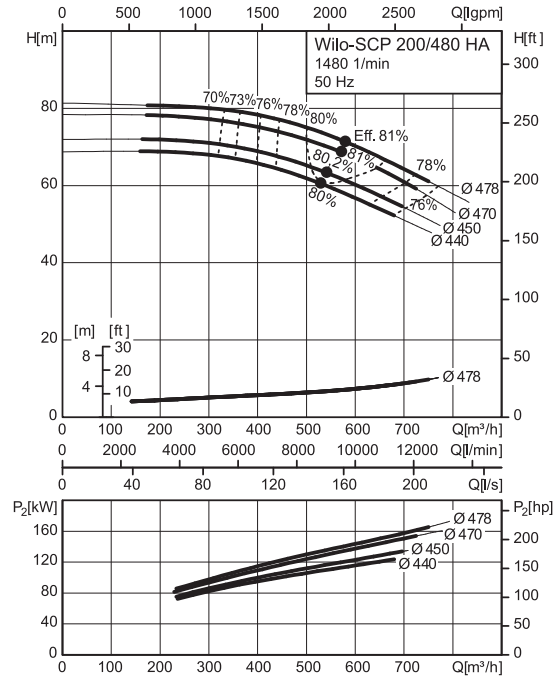


Pump curves Wilo-SCP

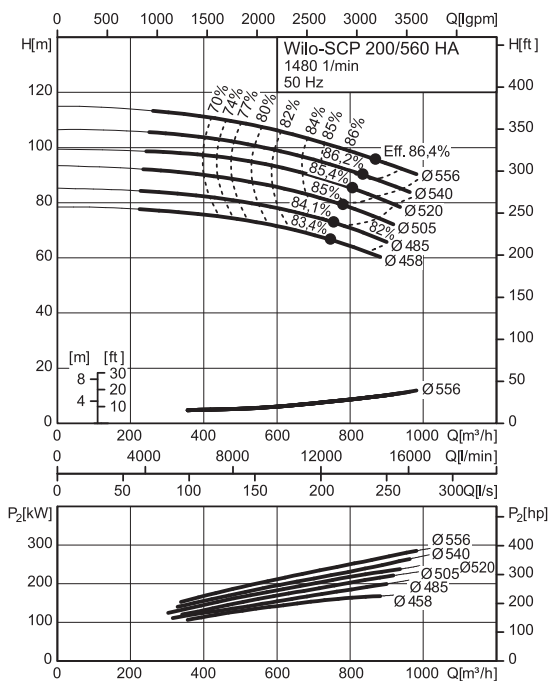
Wilo-SCP 200/460 HA



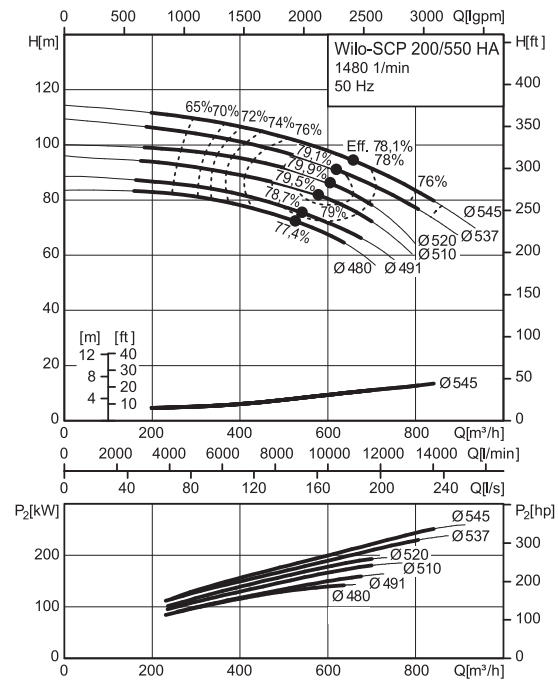
Wilo-SCP 200/480 HA



Wilo-SCP 200/560 HA

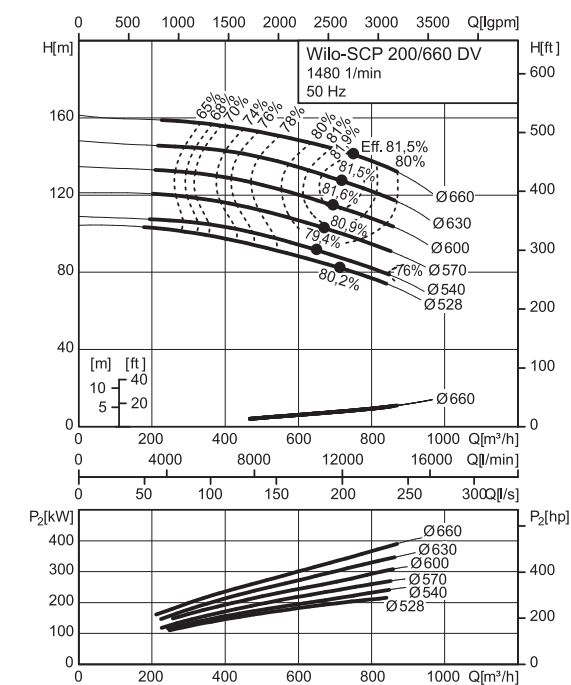


Wilo-SCP 200/550 HA

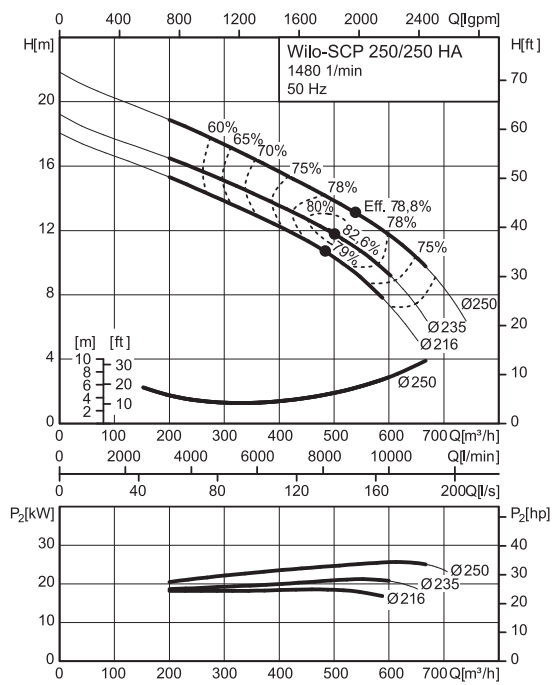


Pump curves Wilo-SCP

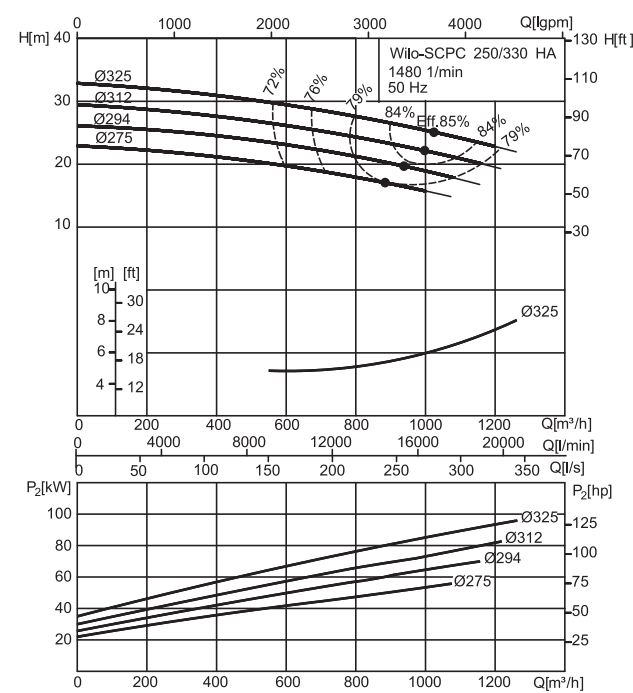
Wilo-SCP 200/660 DV



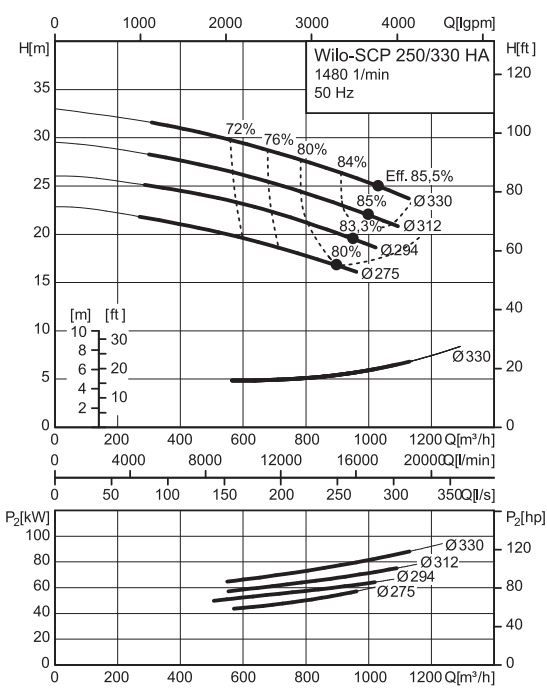
Wilo-SCP 250/250 HA



Wilo-SCPC 250/330 HA

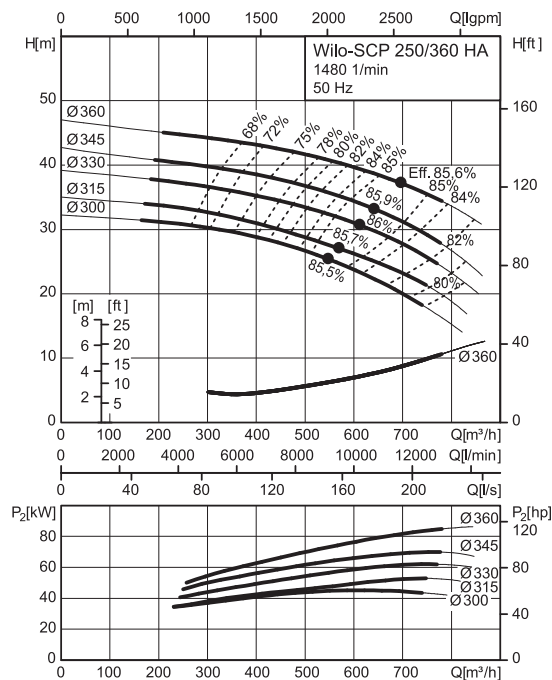


Wilo-SCP 250/330 HA

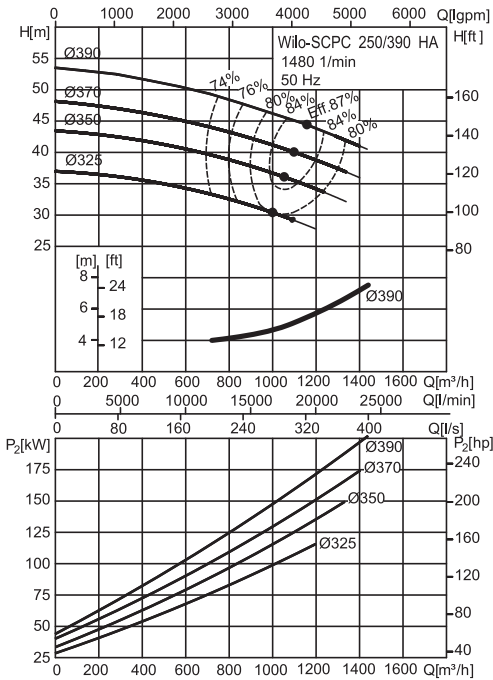


Pump curves Wilo-SCP

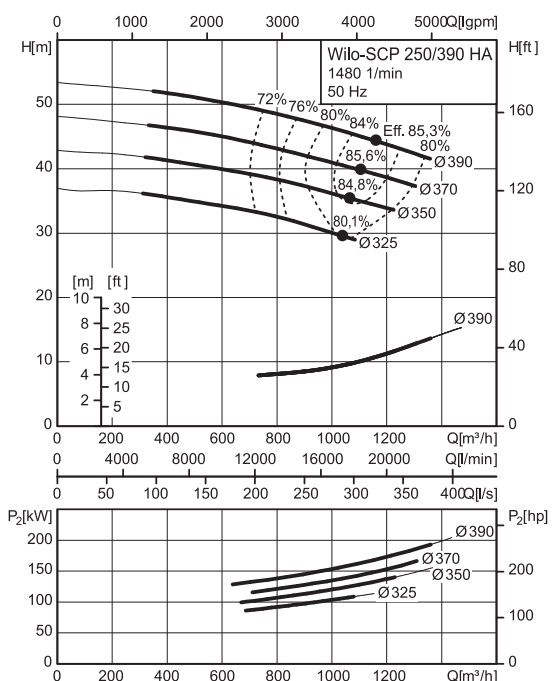
Wilo-SCP 250/360 HA



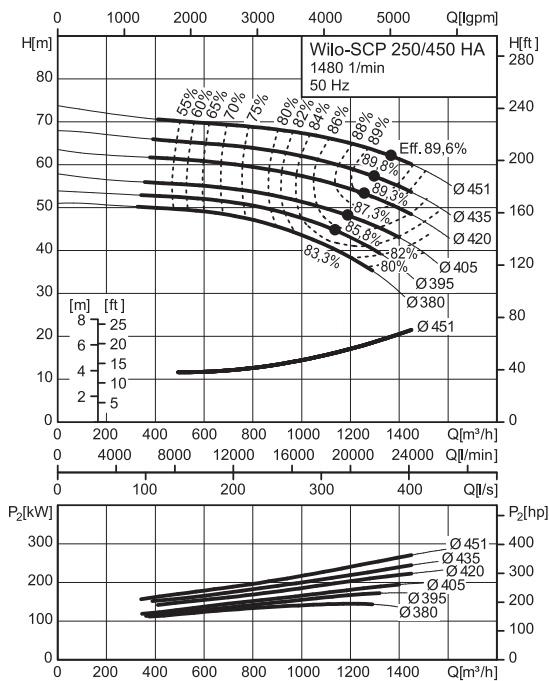
Wilo-SCPC 250/390 HA



Wilo-SCP 250/390 HA

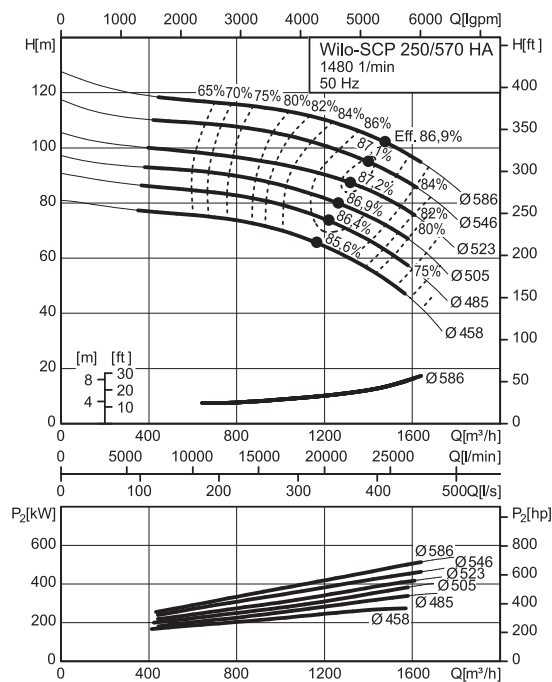


Wilo-SCP 250/450 HA

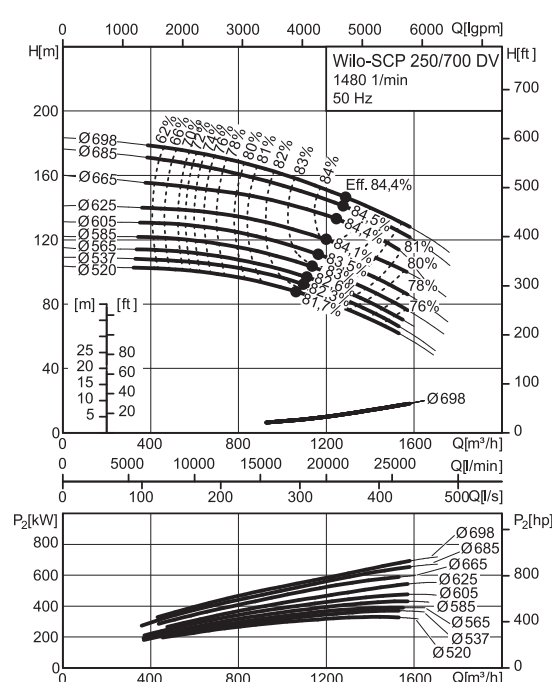


Pump curves Wilo-SCP

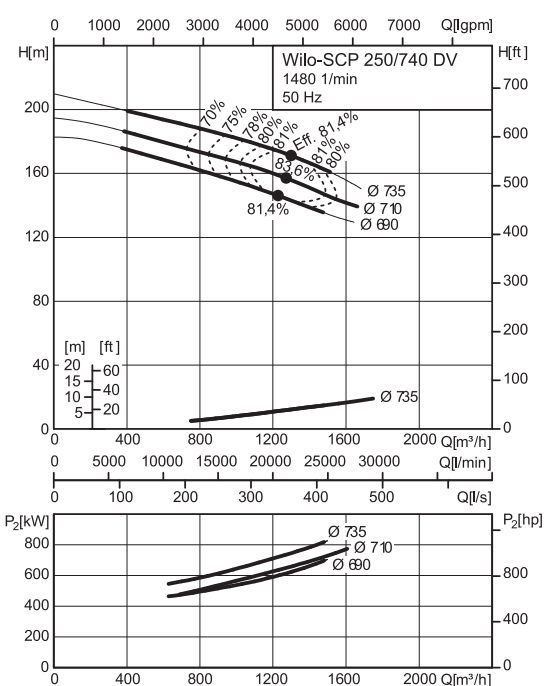
Wilo-SCP 250/570 HA



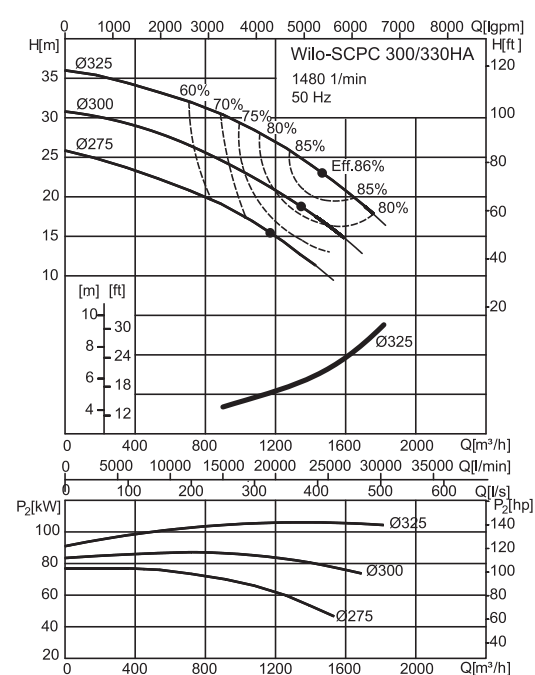
Wilo-SCP 250/700 DV



Wilo-SCP 250/740 DV

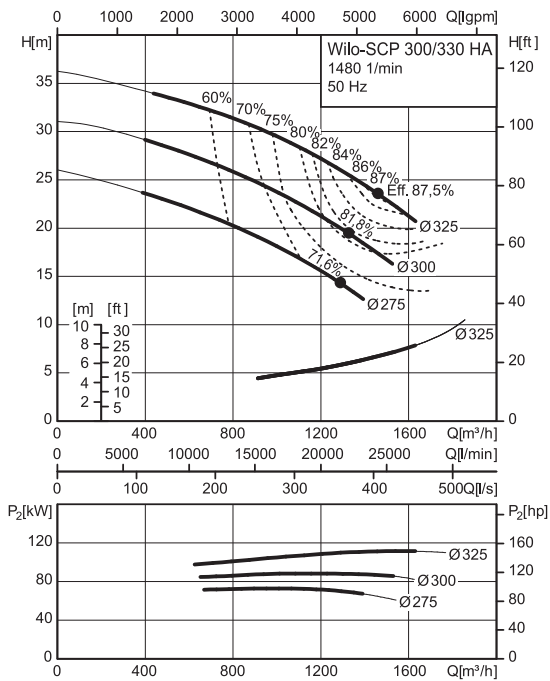


Wilo-SCPC 300/330 HA

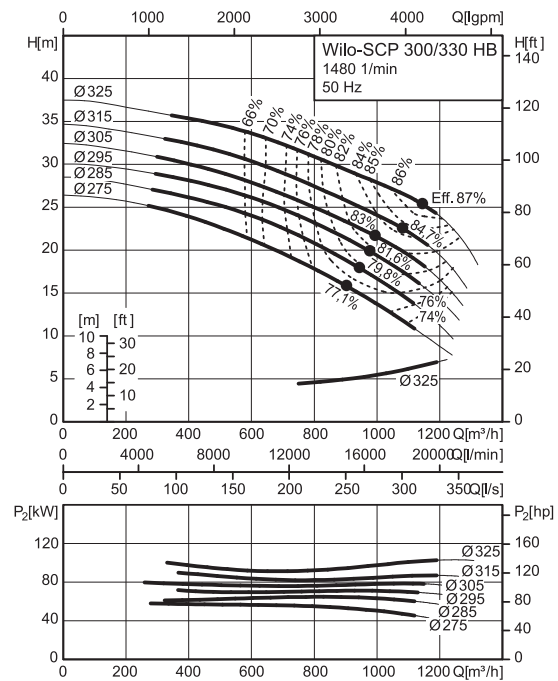


Pump curves Wilo-SCP

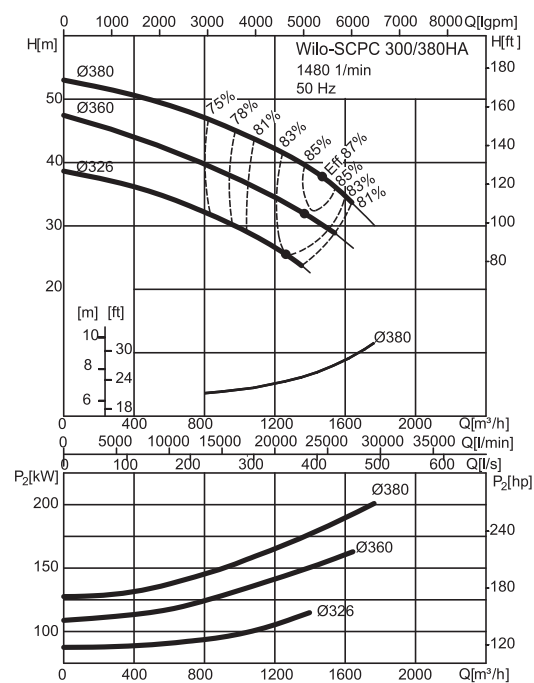
Wilo-SCP 300/330 HA



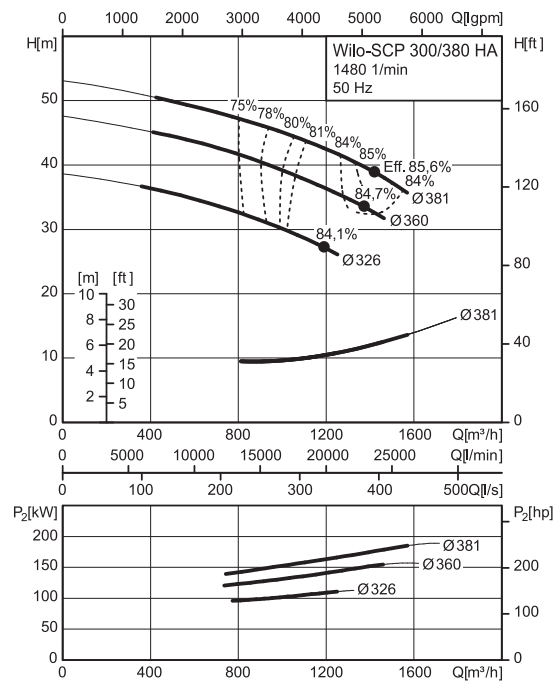
Wilo-SCP 300/330 HB



Wilo-SCPC 300/380 HA

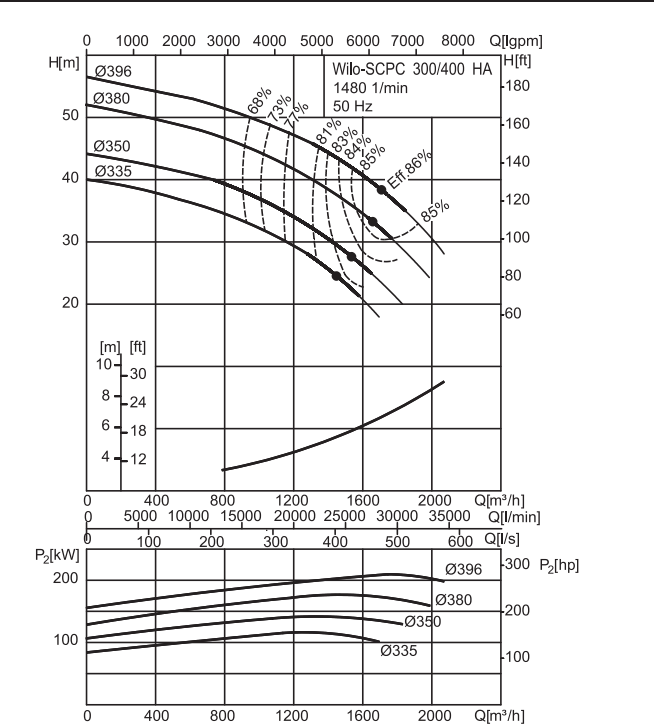


Wilo-SCP 300/380 HA

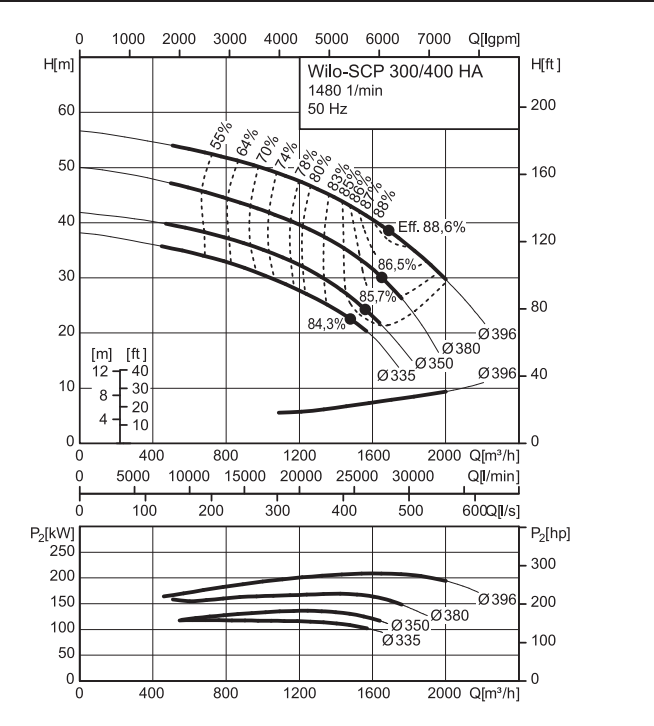


Pump curves Wilo-SCP

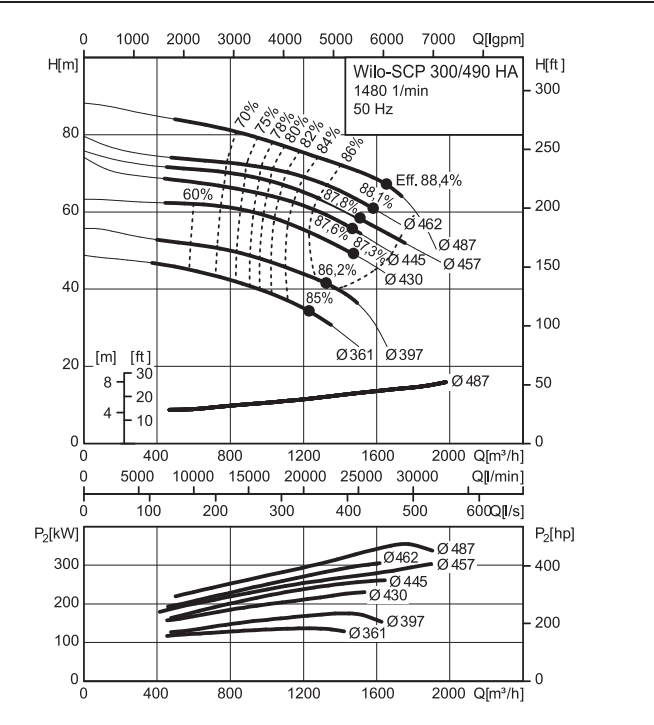
Wilo-SCPC 300/400 HA



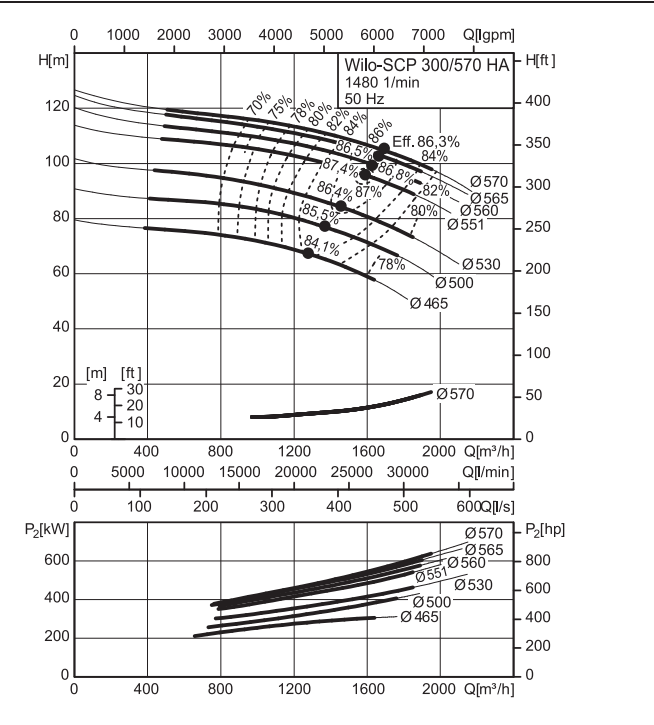
Wilo-SCP 300/400 HA



Wilo-SCP 300/490 HA

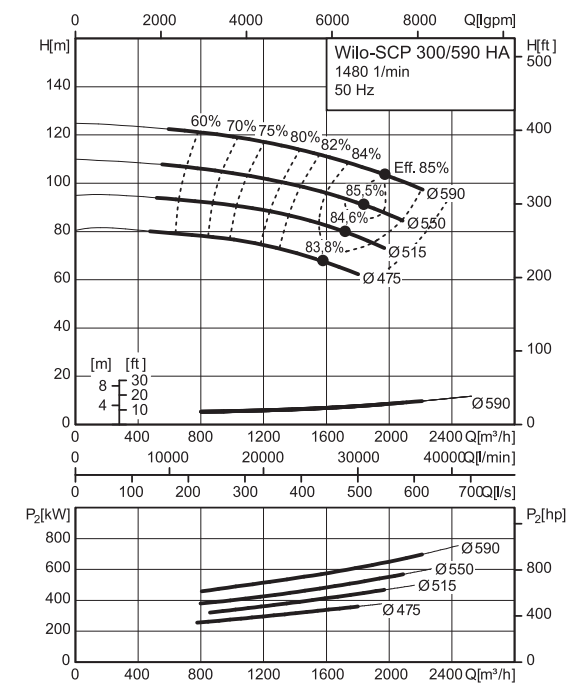


Wilo-SCP 300/570 HA

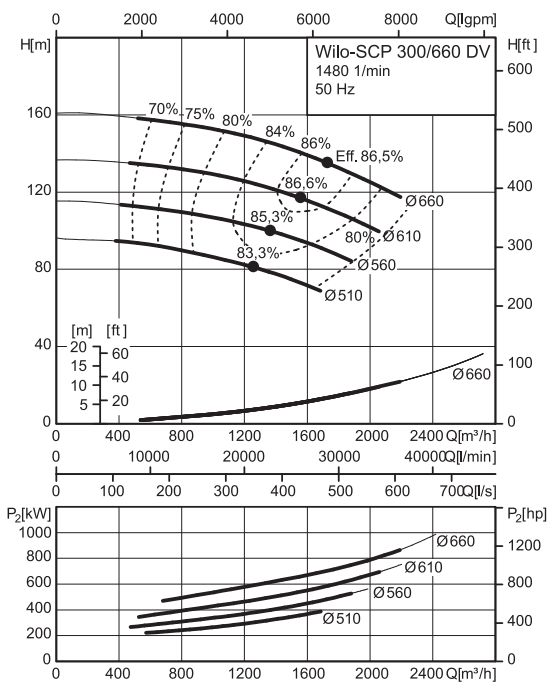


Pump curves Wilo-SCP

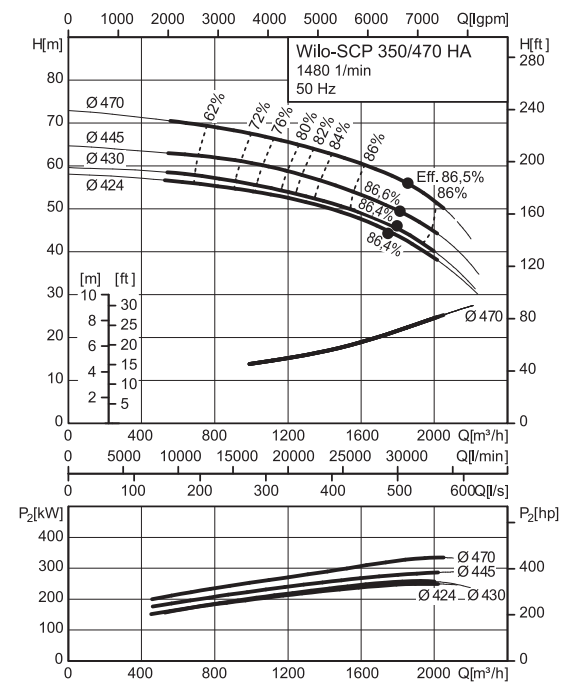
Wilo-SCP 300/590 HA



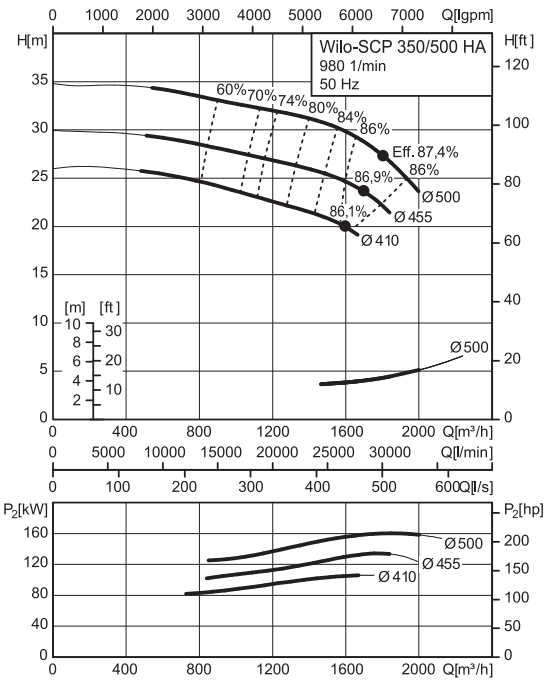
Wilo-SCP 300/660 DV



Wilo-SCP 350/470 HA

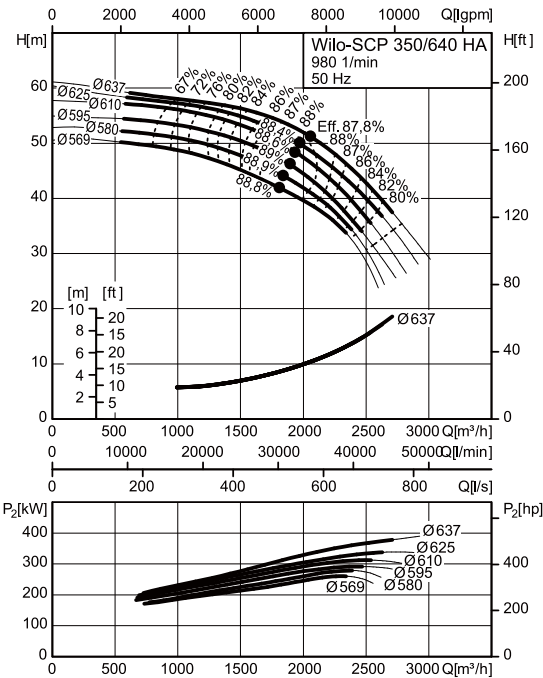


Wilo-SCP 350/500 HA

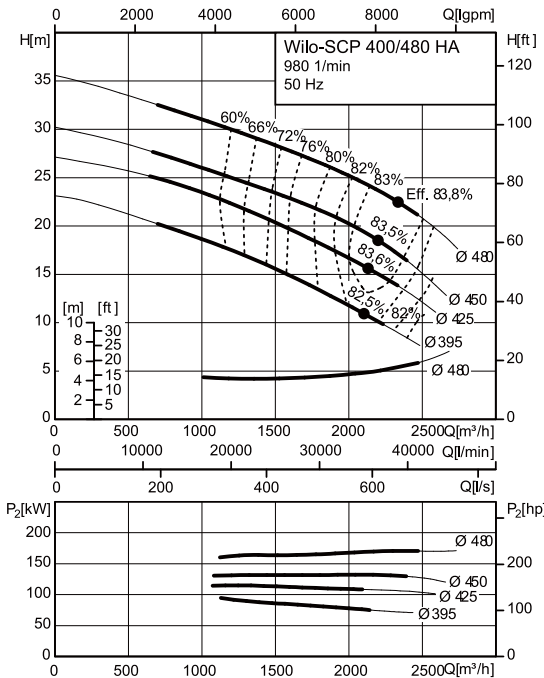


Pump curves Wilo-SCP

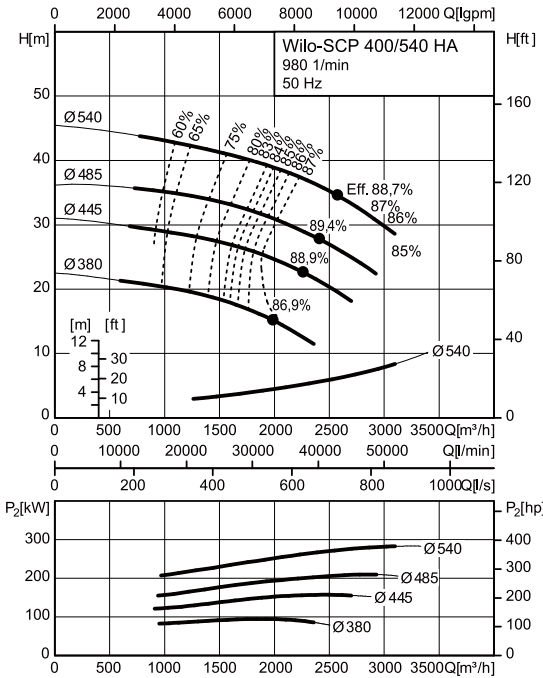
Wilo- SCP 350/640 HA



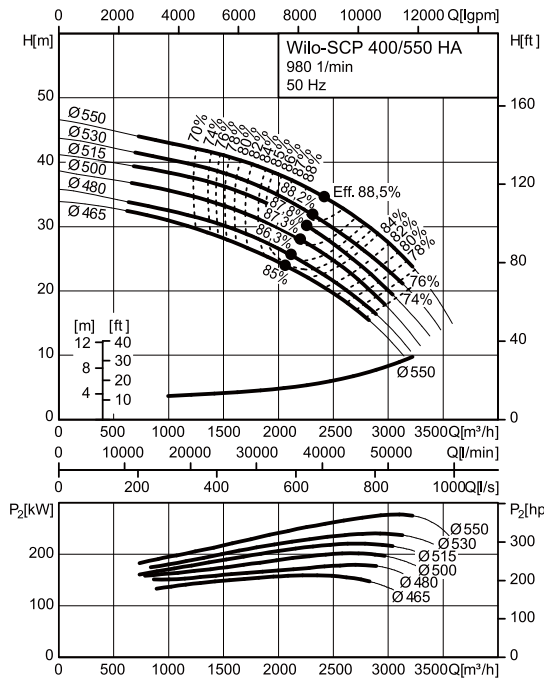
Wilo- SCP 400/480 HA



Wilo- SCP 400/540 HA

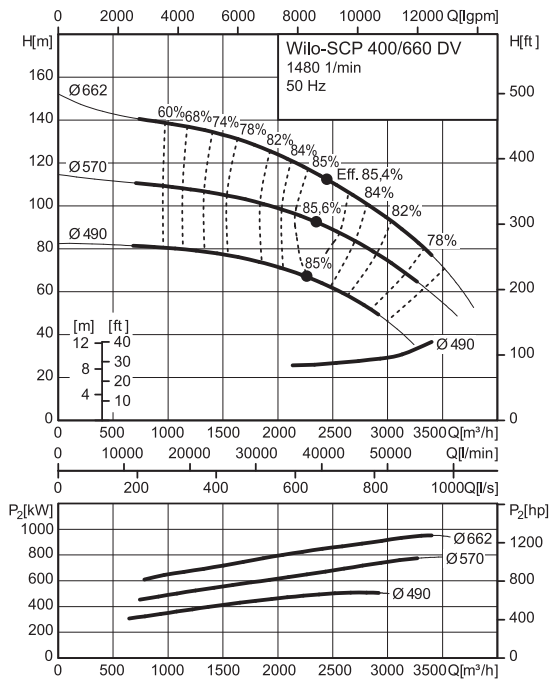


Wilo- SCP 400/550 HA

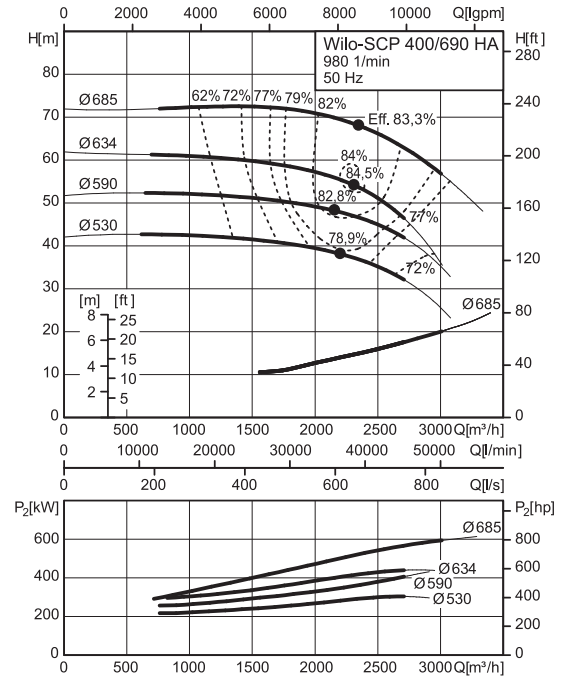


Pump curves Wilo-SCP

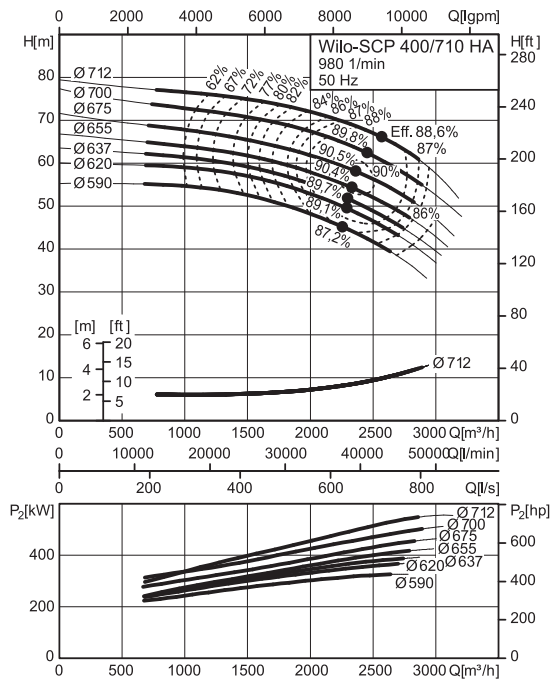
Wilo-SCP 400/660 DV



Wilo-SCP 400/690 HA

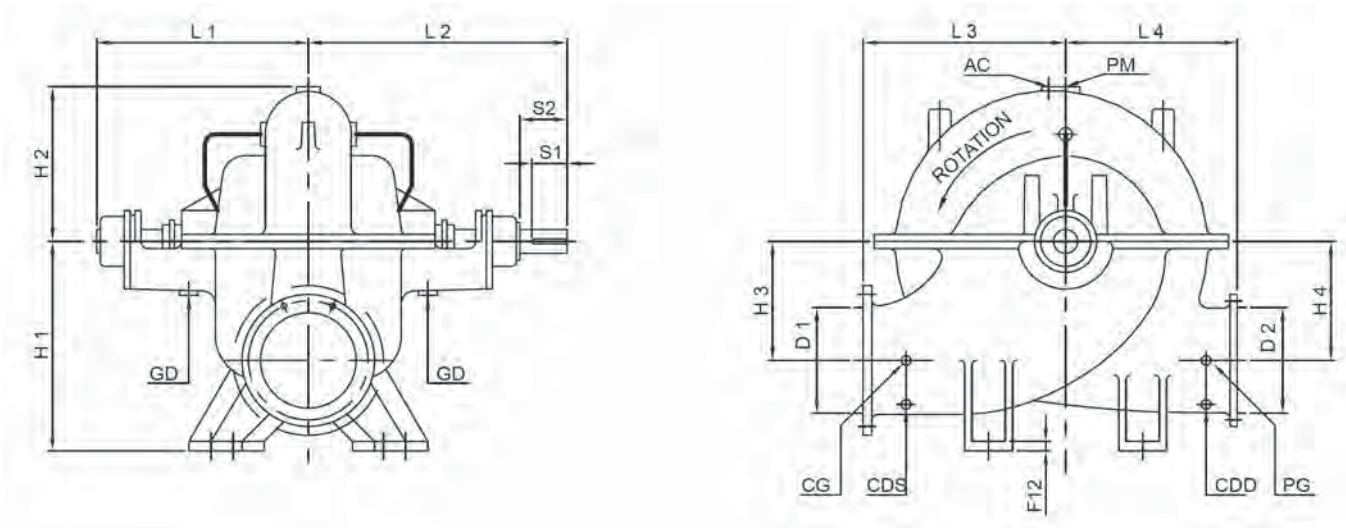


Wilo-SCP 400/710 HA



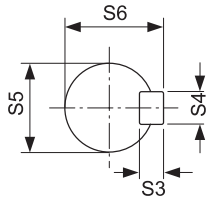
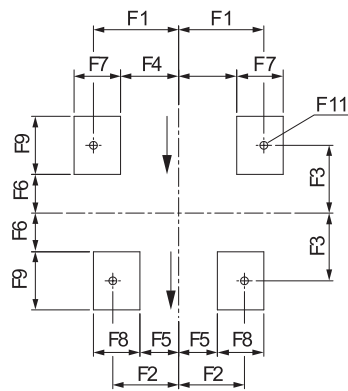
Dimensions and weights Wilo-SCP

Section drawing: Pump with bare shaft end, single-stage version



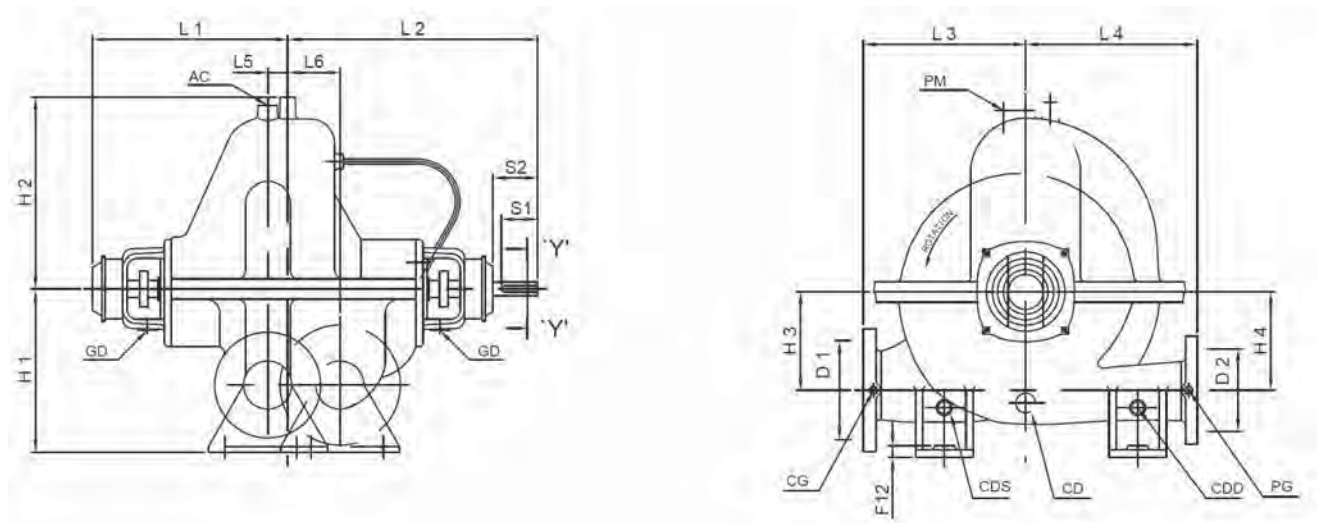
Dimension drawing: Pump base, single- stage version

Dimension drawing



Dimensions and weights Wilo-SCP

Dimension drawing: Pump with bare shaft end, two-stage version



Dimension drawing: Pump base, two-stage version

Dimension drawing



Dimensions and weights Wilo-SCP

Model			Nominal diameter		Flanges		Dimensions																				Shaft group	Weight approx.									
							[mm]																														
			D1	D2	PN1	PN2	H1	H2	H3	H4	L1	L2	L3	L4	L5	L6	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	S1	S2	S3	S4	S5	S6	-	kg	
SCP 50/220 HA	65	50	16	16	200	143	124	124	250	300	190	150			70	50	100	100								14	12	45	50	6	6	19.5	22	OOO	65		
SCP 50/180 HA	80	50	16	16	200	135	117	117	294	369	200	170			70	50	100	100								18	12	45	75	6	6	19.5	22	OO	92		
SCP 50/340 HA	80	50	16	16	250	213.5	178	192	310	385	261	218			150	170	220	240	82	82								18	15	45	75	6	6	19.5	22	OO	130
SCP 50/340 DS	80	50	16	16	290	225	168	185	341	417	300	215	43	118	254	130	200	300	80	80					20	18	15	45	76	7	8	24	27	2STG	266		
SCP 65/390 HS	80	65	16	16	280	230	190	215	290	389	300	250			180	160	240	240	90	90						18	15	45	76	7	8	24	27	O	150		
SCP 80/230 HA	100	80	16	16	250	165	146	146	338	399	225	190			150	170	220	240	82	82						18	15	45	76	7	8	24	27	O	135		
SCP 80/200 HA	100	80	16	16	250	155	135	135	323	399	225	190			150	170	220	240	82	82						18	15	45	76	7	8	24	27	O	149		
SCP 80/380 DS	100	80	16	16	340	250	192	208	382.5	458.5	335	242	52.5	139	290	170	240	340	100	100					30	19	15	45	50	7	8	28	31	2STG	272		
SCP 80/340 HA	100	80	16	16	300	225	200	200	338	399	275	230			150	170	220	240	82	82						18	15	45	76	7	8	24	27	O	135		
SCP 80/360 DS	100	80	16	16	310	320	192	192	375	450	280	265	35	85	150	300	200	400	100	100							18	16	70	75	7	8	29	32	2STG	200	
SCP 100/270 HA	125	100	16	16	270	198	165	165	338	399	285	230			150	95	100	85	30	50	100	100	100				18	18	45	76	7	8	24	27	O	160	
SCP 100/280 HA	125	100	16	16	270	190	175	175	338	399	300	250			150	95	100	85	30	50	100	100	100				18	14	45	76	7	8	24	27	O	130	
SCP 100/360 HA	125	100	16	16	320	245	225	225	338	399	350	275			150	95	110	85	30	60	100	100	100				18	14	45	76	7	8	24	27	O	147	
SCP 100/400 HA	125	100	16	16	320	245	225	225	338	399	350	275			150	95	110	85	30	60	100	100	100				18	14	45	76	7	8	24	27	O	147	
SCP 100/340 DS	125	100	16	16	340	380	200	200	405	485.5	330	300	32.5	75	320	220	300	400	100	100					10	24	19	82	93	7	8	29	32	2STG	312		
SCP 100/410 DS	125	100	16	16	350	365	220	220	425	510	320	300	39.5	102	170	300	225	400	100	100							18	18	80	89	8	10	34	37	2STG	255	
SCP 125/290 HA	150	125	16	16	320	240	213	213	385	458	350	275	..	..	150	95	110	85	30	60	100	100	100				18	16	82	88	7	8	29	32	1	160	
SCP 125/330 HA	150	125	16	16	320	240	213	213	385	458	350	286	..	..	150	95	110	85	30	60	100	100	100				18	14	82	88	7	8	29	32	1	190	
SCP 125/440 HA	150	125	16	16	400	284	274	274	385	458	400	350			145	115	160	80	50	100	100	100	120				22	20	82	88	7	8	29	32	1	220	
SCP 125/470 HA	150	125	16	16	415	320	295	295	470	560	420	400			180	180	180	115	115	120	100	100	120				22	25	95	104	8	12	39	42	2	500	
SCP 125/460 DS	150	125	16	16	400	410	245	245	480	580	400	350	45	110	190	410	260	535	125	125							22	22	95	100	8	12	44	47	2STG	473	
SCP 150/290 HA	200	150	16	16	380	255	220	220	385	458	350	265			140	140	142.5	75	75	92.5	100	100	100				18	20	82	88	7	8	29	32	1	350	
SCP 150/390 HA	200	150	16	16	343	280	229	229	411	474	406	330			200	130	160	135	65	100	100	100	120				22	20	88	104	8	12	39	42	2	305	
SCP 150/350 HA	200	150	16	16	425	275	252	252	471	560	400	350			200	152	180	135	87	120	100	100	120				24	20	95	104	8	12	39	42	2	360	
SCPC 150/360 HA	200	150	16	16	400	290	250	250	452	552	390	320			180	180	180	0	0	130	210	210	82.5				22	20	95	100	8	12	39	42	EL-2	415	
SCP 150/450 HA	200	150	16	16	426	305	274	274	411	474	432	381			200	130	160	135	65	100	100	100	120				22	20	88	104	8	12	39	42	2	360	
SCP 150/440 HA	200	150	16	16	426	305	274	274	411	474	432	381			200	130	160	135	65	100	100	100	120				22	20	88	104	8	12	39	42	2	360	
SCP 150/580 HA	200	150	16	16	455	365	328	328	511	605	570	520			200	152	260	115	73	192.5	120	114	135				25	25	109	138	10	16	54	58	3	580	
SCP 150/530 HA	200	150	16	16	465	370	320	320	485	622.5	450	440			250	150	208	165	75	140	120	115	135				28	25	109	138	10	16	54	58	3	567	
SCP 150/460 DS	200	150	16	16	470	317	225	250	515	665	440	330	70	210	420	280	385	500	125	125					40		22	25	97	195	8	12	44	47	2STG	660	
SCPC 200/300 HA	200	200	16	16	410	290	250	250	452	552	400	320			180	180	180	0	0	130	210	210	82.5				22	20	95	100	8	12	39	42	EL-2	370	
SCP 200/310 HA	200	200	16	16	343	270	227	227	411	474	406.5	318			200	152	160	135	87	100	100	100	120				22	20	88	120	8	12	39	42	2	343	
SCP 200/320 HA	250	200	16	16	426	290	248	248	411	474	432	318			200	152	160	135	87	100	100	100	120				24	20	88	104	8	12	39	42	2	385	
SCPC 200/360 HA	250	200	16	16	465	330	285	285	452	552	440	350			220	220	180	0	0	130	250	250	82.5				22	20	95	100	8	12	39	42	EL-2	520	
SCP 200/360 HA	250	200	16	16	465	330	285	285	471	560	440	350			220	220	180	155	155	120	100	100	120				22	20	95	104	8	12	39	42	2	520	
SCP 200/370 HA	200	200	16	16	430	310	270	270	470	560	420	350			180	180	180	115	115	120	100	100	120				22	27.5	95	104	8	12	39	42	2	475	
SCP 200/360 HB	300	200	16	16	450	320	276	276	471	560	470	350			200	152	170	135	87	120	100	100	120				24	20	95	104	8	12	39	42	2	460	

Dimensions and weights Wilo-SCP

Dimensions, weights

Model	Nominal diameter		Flanges		Dimensions																								Shaft group	Weight approx.				
	[mm]		[bar]		[mm]																													
	D1	D2	PN1	PN2	H1	H2	H3	H4	L1	L2	L3	L4	L5	L6	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	S1	S2	S3	S4	S5	S6	-	kg
SCP 200/390 HA SCP 200/440 HA SCP 200/400 HA SCP 200/460 HA SCP 200/550 HA SCP 200/480 HA SCP 200/560 HA SCP 200/660 DV SCP 250/250 HA SCP 250/330 HA SCP 250/330 HA SCP 250/390 HA SCP 250/390 HA SCP 250/360 HA SCP 250/450 HA SCP 250/570 HA SCP 250/700 DV SCP 250/740 DV SCP 300/330 HA SCP 300/330 HA SCP 300/330 HB SCP 300/380 HA SCP 300/380 HA SCP 300/400 HA SCP 300/400 HA SCP 300/490 HA SCP 300/590 HA SCP 300/570 HA SCP 300/660 DV SCP 350/500 HA SCP 350/470 HA SCP 350/640 HA SCP 400/540 HA SCP 400/480 HA SCP 400/550 HA SCP 400/710 HA SCP 400/690 HA SCP 400/660 DV	250	200	16	16	464	315	292	292	525	612	483	381			200	152	160	115	73	92.5	120	114	135		25	22	109	137	10	16	54	58	3	579
	250	200	16	16	465	330	300	300	485	622.5	440	400			200	150	208	120	75	140	120	115	135		28	25	109	138	10	16	54	58	3	460
	250	200	16	16	464	350	299	299	525	612	482.5	458			200	152	160	115	73	92.5	120	114	135		25	25	109	137	10	16	54	58	3	750
	250	200	16	16	464	350	299	299	525	612	482.5	458			200	152	160	115	73	92.5	120	114	135		25	25	109	137	10	16	54	58	3	750
	200	200	16	16	464	370	343	343	525	612	470	457			200	152	160	115	73	92.5	120	114	135		25	22	109	137	10	16	54	58	3	699
	200	200	16	16	464	370	343	343	525	612	470	457			200	152	160	115	73	92.5	120	114	135		25	22	109	137	10	16	54	58	3	699
	250	200	16	16	546	395	356	356	594	693	521	458			275	200	230	175	100	155	150	150	150		28	28	132	181	12	20	69	73.5	4	770
	250	200	16	16	640	460	440	440	565	693	600	500			260	170	277.5	160	100	190	150	120	175		30	30	130	141	12	20	69	73.5	4	1100
	250	250	16	16	410	265	222	222	385	473	370	260			200	152	120	135	87	70	100	100	100		18	20	82	88	7	8	29	32	1	270
	300	250	16	16	520	340	295	295	480	605	500	365			235	235	180	0	0	130	265	265	83.5		26	25	110	125	10	16	54	58	EL-3	575
	300	250	16	16	464	330	273	273	525	612	508	337			250	152	160	165	73	92.5	120	114	135		25	25	109	137	10	16	54	58	3	786
	300	250	16	16	520	355	320	320	480	605	500	400			220	220	180	0	0	130	250	250	82.5		26	25	110	125	10	16	54	58	EL-3	715
	300	250	16	16	540	340	320	320	485	622.5	517	380			250	175	160	165	90	92.5	120	120	135		24	20	109	138	10	16	54	58	3	540
	300	250	16	16	540	340	320	320	485	622.5	517	380			250	175	160	165	90	92.5	120	120	135		24	20	109	138	10	16	54	58	3	540
	300	250	16	16	546	380	343	343	594	693	533.5	457			275	200	230	175	100	155	150	150	150		28.5	28	132	156	12	20	69	73.5	4	906
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350	300	16	16	540	320	310	310	485	622.5	550	390			250	175	160	165	90	92.5	120	120	135		28	20	109	138	10	16	54	58	3	603	
350	300	16	16	575	375	335	335	480	605	550	365			235	235	235	0	0	185	265	265	82.5		26	25	110	125	10	16	54	58	EL-3	740	
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300	300	16	16	610	390	350	350	536	667.5	550	350			260	200	175	160	100	100	150	150	150		28	25	109	138	10	16	54	58	3	880	
300	300	16	16	591	405	343	343	594	693	584.2	483			300	250	230	200	150	155	150	150	150		28	28	132	156	12	20	69	73.5	4	1110	
300	300	16	16	700	466	470	470	707	919	750	650			325	325	300	225	225	200	150	150	200		30	35	197	216	14	25	94	99	6	2000	
300	300	16	16	591	440	378	378	594	693	628.5	534			300	250	230	200	150	155	150	150	150		28	28	132	156	12	20	69	73.5	4	1255	
300	300	25	25	725	465	445	445	650.5	830	660.5	610			200	200	310	100	100	210	150	150	200		28	30	146	178	14	25	89	94	5SPL	1540	
350	350	16	16	730	480	450	450	595	726	768	550			340	250	302.5	240	150	215	150	150	175		28	30	130	141	12	20	69	73.5	4	1125	
350	350	16	16	660	425	360	360	565	693	625	530			340	220	277.5	240	120	190	150	150	175		28	30	130	141	12	20	69	73.5	4	1150	
350	350	16	16	686	520	457	457	703.5	824.5	762	619			380	220	300	280	120	200	150	150	200		29	28	146	168	14	22	79	84	5	2185	
350	400	16	16	440	490	428	428	625	785	635	432			930	380	540	1040	125	125					32	30	132	160	12	20	69	73.5	4	1400	
350	400	16	16	780	520	445	445	602	743	790	545			450	220	300	350	120	200	150	150	200		28	28	130	141	12	20	69	73.5	4	1134	
350	400	16	16	780	495	470	470	667	830	760	560			450	220	300	350	120	200	150	150	200		32	32	146	178	14	22	79	84	5	1453	
350	400	16	16	800	580	521	521	703.5	824.5	864	762			380	220	400	280	120	300	150	150	200		32	30	146	168	14	22	79	84	5	2515	
350	400	16	16	800	545	500	500	667	830	824	722			380	250	400	280	150	300	150	150	200		32	32	146	178	14	22	79	84	5	1561	
350	400	16	16	800	540	483	483	815	959	762	660			420	260	300	320	160	200	150	150	200		30	40	197	215	14	25	94	99	6	2700	

Dimensions and weights Wilo-SCP

Details, plug connection

Wilo-SCP...	CG	PG	PM	AC	CDS	CDD	CD	GD	Temp. sensor connection
	—								
	[inch]								[mm]
SCP 50/180HA	1/4	1/4	3/8	3/8	1/4	1/4	-	3/4	-
SCP 50/220HA	1/4	1/4	1/4	1/4	1/4	1/4	-	1	-
SCP 50/340HA	3/8	3/8	1/2	3/8	3/8	3/8	3/8	3/4	-
SCP 50/340DS	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	-
SCP 65/390HS	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	-
SCP 80/200HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	-
SCP 80/230HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	-
SCP 80/340HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	-
SCP 80/360DS	3/8	3/8	3/4	3/8	1/2	1/2	-	1/2	-
SCP 80/380DS	3/8	3/8	1/2	3/8	3/8	3/8	1/2	3/4	-
SCP 100/270HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 100/280HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 100/340DS	3/8	3/8	3/4	3/8	1/2	3/4	3/4	1/2	M8
SCP 100/360HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 100/400HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 100/410DS	3/8	3/8	3/4	3/8	1/2	1/2	-	3/4	M8
SCP 125/290HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 125/330HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 125/440HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCP 125/460DS	3/8	3/8	3/4	3/8	1/2	1/2	1/2	3/4	M8
SCP 125/470HA	3/8	3/8	3/4	3/8	3/4	3/4	-	3/4	M8
SCP 150/290HA	3/8	3/8	1	3/8	1/2	1/2	-	3/4	M8
SCP 150/350HA	3/8	3/8	3/4	3/8	3/4	3/4	-	3/4	M8
SCPC150/360HA	3/8	3/8	3/4	3/8	3/4	3/4	-	1/2	-
SCP 150/390HA	3/8	3/8	1/2	3/8	3/4	3/4	-	3/4	M8
SCP 150/440HA	3/8	3/8	1/2	3/8	3/4	3/4	-	3/4	M8
SCP 150/450HA	3/8	3/8	1/2	3/8	3/4	3/4	-	3/4	M8
SCP 150/460DS	1/2	1/2	3/4	3/8	1/2	1/2	1/2	1/2	M8
SCP 150/530HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 150/580HA	3/8	3/8	1	3/8	1/2	1/2	-	3/4	M8
SCPC200/300HA	3/8	3/8	3/4	3/8	3/4	3/4	-	1/2	-
SCP 200/310HA	3/8	3/8	1/2	3/8	3/4	3/4	-	3/4	M8
SCP 200/320HA	3/8	3/8	3/4	3/8	3/4	3/4	-	3/4	M8
SCPC200/360HA	3/8	3/8	3/4	3/8	3/4	3/4	-	1/2	-
SCP 200/360HA	3/8	3/8	3/4	3/8	3/4	3/4	-	3/4	M8
SCP 200/360HA	3/8	3/8	3/4	3/8	3/4	3/4	-	3/4	M8
SCP 200/370HA	3/8	3/8	3/4	3/8	3/4	3/4	-	3/4	M8

Dimensions and weights Wilo-SCP

Details, plug connection

Wilo-SCP...	CG	PG	PM	AC	CDS	CDD	CD	GD	Temp. sensor connection
	—								
	[inch]								[mm]
SCP 200/390HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 200/400HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 200/440HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 200/460HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 200/480HA	3/8	3/8	1	3/8	1/2	1/2	-	3/4	M8
SCP 200/550HA	3/8	3/8	1	3/8	1/2	1/2	-	3/4	M8
SCP 200/560HA	3/8	3/8	1	3/8	1/2	1/2	-	3/4	M8
SCP 200/660DV	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 250/250HA	3/8	3/8	1/2	3/8	1/2	1/2	-	3/4	M8
SCPC250/330HA	3/8	3/8	1	3/8	3/4	3/4	-	1/2	-
SCP 250/330HA	3/8	3/8	1	3/8	1/2	1/2	-	3/4	M8
SCP 250/360HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCPC250/390HA	3/8	3/8	1	3/8	3/4	3/4	-	1/2	-
SCP 250/390HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 250/450HA	3/8	3/8	1	3/8	1/2	1/2	-	1	M8
SCP 250/570HA	3/8	3/8	1	3/8	1/2	1/2	-	1	M8
SCP 250/700DV	3/8	3/8	1	3/8	1	1	-	1 1/4	M8
SCP 250/740DV	3/8	3/8	1	3/8	1	1	-	1 1/4	M8
SCPC300/330HA	3/8	3/8	1	3/8	3/4	3/4	-	1/2	-
SCP 300/330HA	3/8	3/8	1	3/8	1	1	-	3/4	M8
SCP 300/330HB	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCPC300/380HA	3/8	3/8	1	3/8	3/4	3/4	-	1/2	-
SCP 300/380HA	3/8	3/8	1	3/8	1	1	-	3/4	M8
SCPC300/400HA	3/8	3/8	1	3/8	3/4	3/4	-	1/2	-
SCP 300/400HA	3/8	3/8	1	3/8	3/4	3/4	-	3/4	M8
SCP 300/490HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 300/570HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 300/590HA	3/8	3/8	1 1/2	3/8	1	1	-	1	M8
SCP 300/660DV	3/8	3/8	1 1/2	3/8	1	1	-	1	M8
SCP 350/470HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 350/500HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 350/640HA	3/8	3/8	1	3/8	1	1	-	1 1/4	M8
SCP 400/480HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 400/540HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 400/550HA	3/8	3/8	1	3/8	1	1	-	1	M8
SCP 400/660DV	1/2	1/2	1	3/8	1	1	-	1	M8
SCP 400/690HA	3/8	3/8	1 1/2	3/8	1	1	-	1	M8
SCP 400/710HA	3/8	3/8	1	3/8	1	1	-	1 1/4	M8



WILO SE (Dortmund, Germany)

WILO SE, with headquarters in Dortmund, is one of the world's leading manufacturers of pumps and pump systems for heating, air conditioning and cooling technology, as well as for water supply; drainage and sewage disposal. Founded in 1872 by Louis Oplander, Wilo is represented by almost 60 subsidiaries worldwide and employs more than 6,200 employees. Turnover amounted to 1021.4 million Eur in 2010. In 2011, the company was honored as the "Top Employer for Engineers" for the fourth time in a row. Wilo pumps and systems set global standards for efficiency and technical performance: with high-efficiency solutions for all applications in the segments:

Building Services

Water Management

Industry





Pumpen Intelligenz.

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