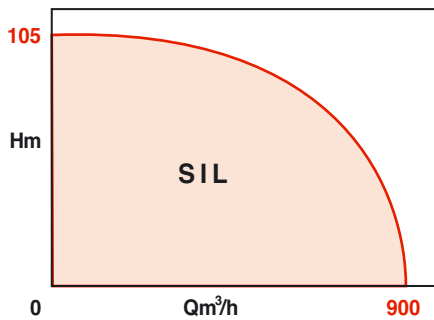


OPERATING RANGE

Flow rates up to:	900 m ³ /h
Mano. head up to:	105 m
Max. operating pressure:	13 bar up to +140°C 16 bar up to +120°C
Temperature:	-20° to +140°C
Opening DN:	32 to 200
Reference MEI*:	≥ 0,10

*Minimum Efficiency Index



ADVANTAGES

- High hydraulic output
- Low electricity consumption
- Direct assembly on (horizontal or vertical) piping or on solid equipment
- Low sound levels
- Completely interchangeable between single and double pumps.

SIL

SINGLE IN-LINE PUMPS

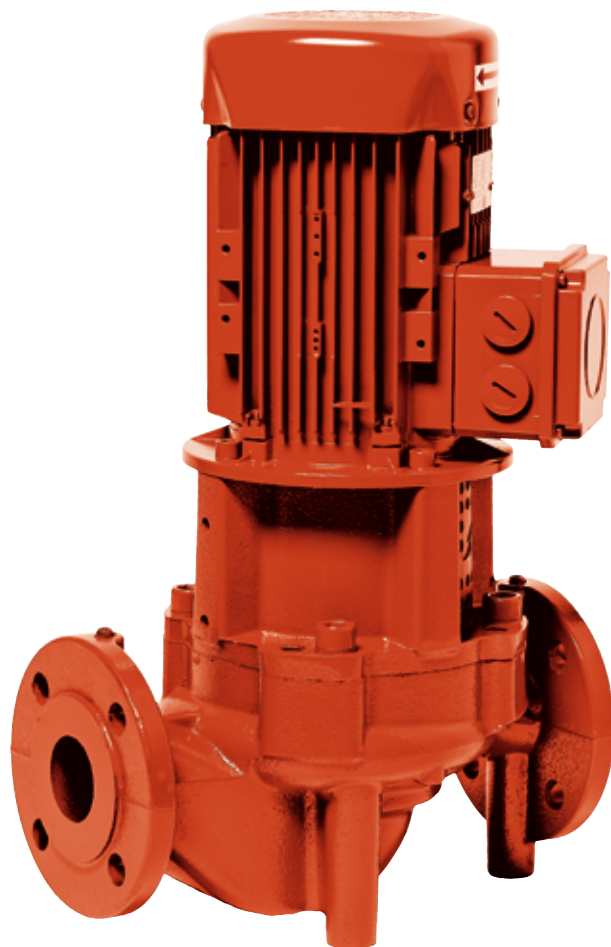
Heating - Air conditioning - E.C.S.*

50 Hz

*A.C.S. standard: contact us

APPLICATIONS

- Heating water circuits according to VDI2035.
- Iced water and glycol water circuits (20 to 40% of glycol) and max. T° 40°C.
- Cooling water circuits.
- Domestic hot water loop. A.C.S. standard : contact us.
- For all industries involved in pumping clear water without abrasive particles which are chemically neutral and non-explosive.



DESIGN

• Hydraulic section

- Centrifugal, single cell
- Flanged body, in-line openings
- Flanges fitted with pressure taps
- Hydraulically and dynamically balanced impellers
- Imperviousness provided with standard mechanical seal

• Lantern

Fitted with condensate recuperation holes in vertical and horizontal positions

• Motor

IE2

Standard flanged Coupled to the pump with rigid coupling

Speed: 950, 1450 and 2900 rpm

3 ~ winding ≤ 3 kW: 230 V Δ 50 Hz

400 V Y 50 Hz

three phase ≥ 4 kW: 400 V Δ 50 Hz

Insulation category: 155 (F)

Protection index: IP55

EC compliance: EN 809

Options: isothermal protection, 60Hz... (contact us)

BASIC CONSTRUCTION

Main parts	Material
Pump body	Cast iron EN GJL250 EN GJS400-18-LT*
Impeller	Cast iron EN GJL250 Bronze*
Lantern	Cast iron EN GJL250
Shaft	Steel X39 Cr Mo 17.1
Mechanical seal**	Graphite/Silicon carbide/EP

* Options: contact us

** Other mechanical seals, contact us

IDENTIFICATION

SIL 2 05 - 16/5,5 - P2

4 05 - 17/1,1 - P2

SIL: single pump code

2 pole: 2900 rpm

4 pole: 11450 rpm

6 pole: 950 rpm

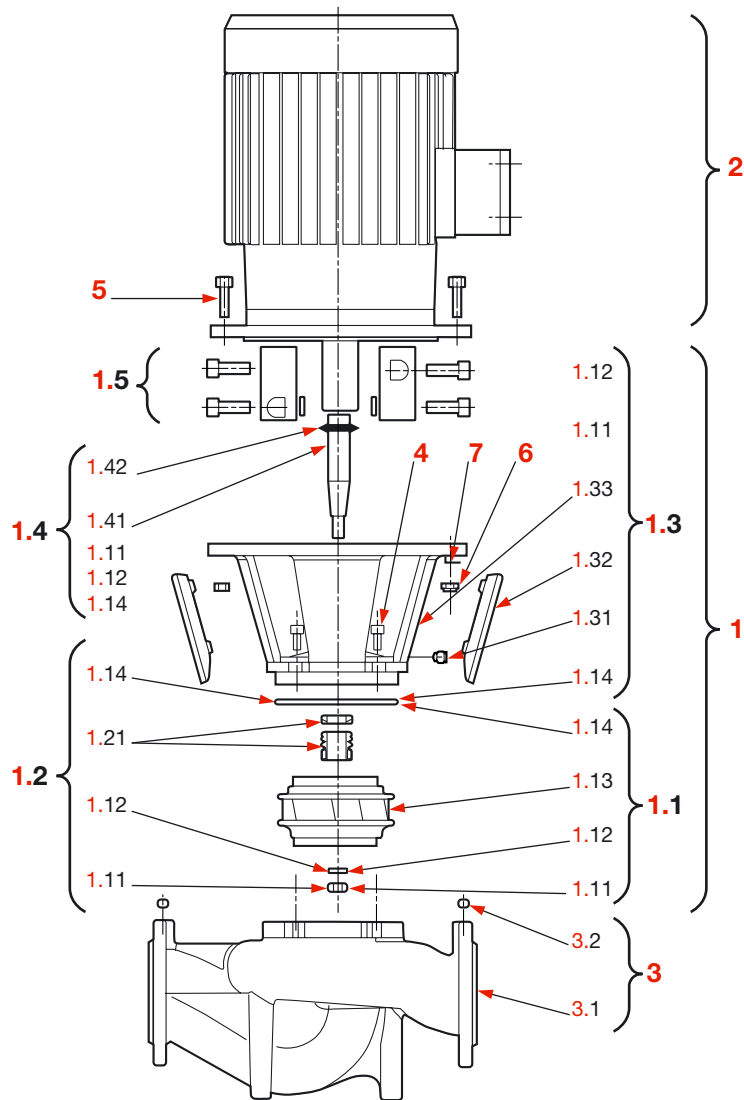
nominal Ø of openings in cm

nominal Ø of impeller in cm

Motor power in kW

Option : ACS version (contact us)

REPRESENTATIVE CROSS-SECTION



PARTS LIST

1. Complete batch

- 1.1 Set of spare parts including
 - 1.11 Nut
 - 1.12 Washer
- 1.13 Impeller
- 1.14 JO-ring
- 1.2 Set of mechanical seal spare parts including
 - 1.21 Complete mechanical seal
- 1.3 Set of lantern spare parts including
 - 1.31 Purger screw
 - 1.32 Coupling protector
 - 1.33 Lantern
- 1.4 Set of shaft spare parts including
 - 1.41 Shaft
 - 1.42 Spring retaining ring
- 1.5 Complete coupling

2. Motor

3. Complete pump body with

- 3.1 Pump body
- 3.2 Plug for pressure openings

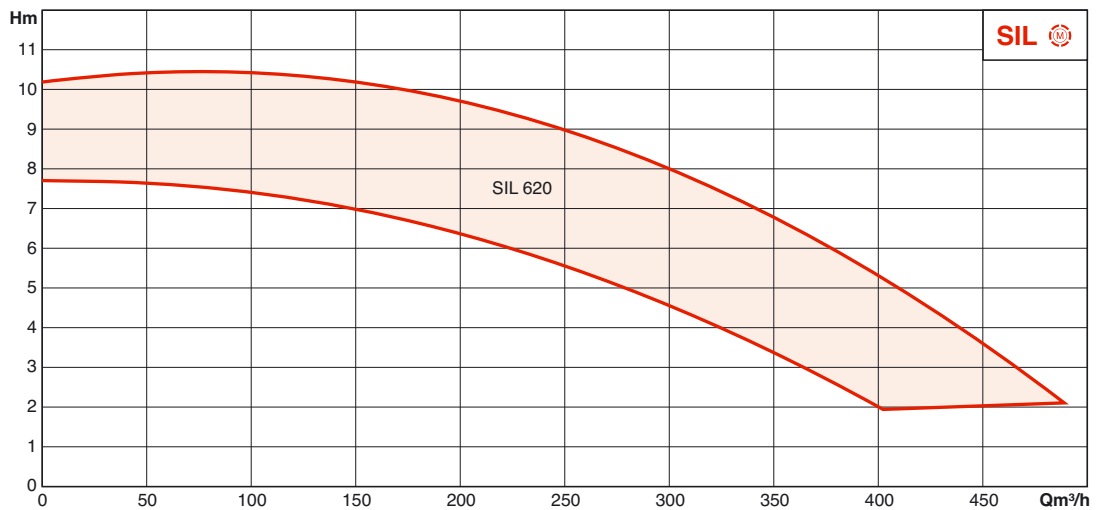
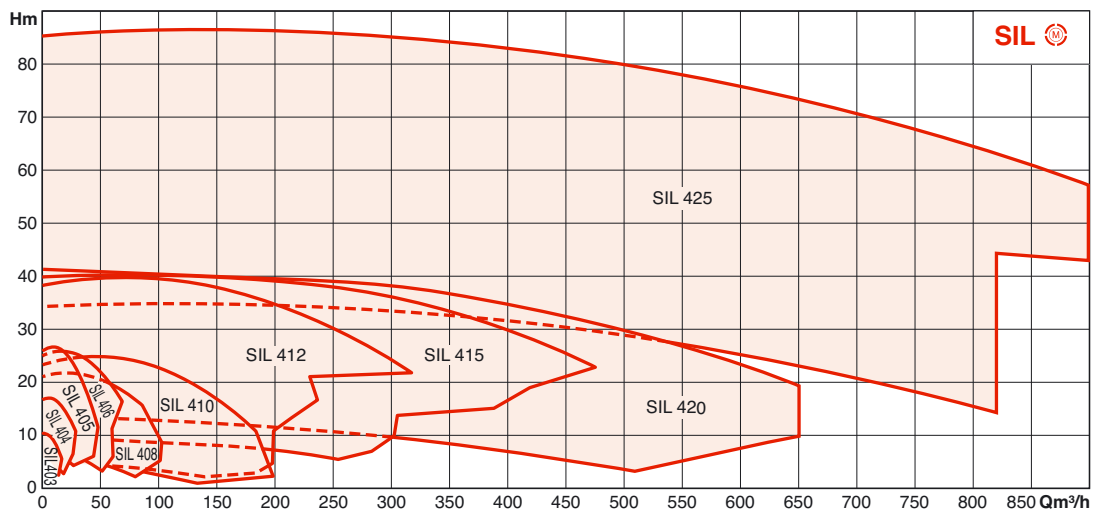
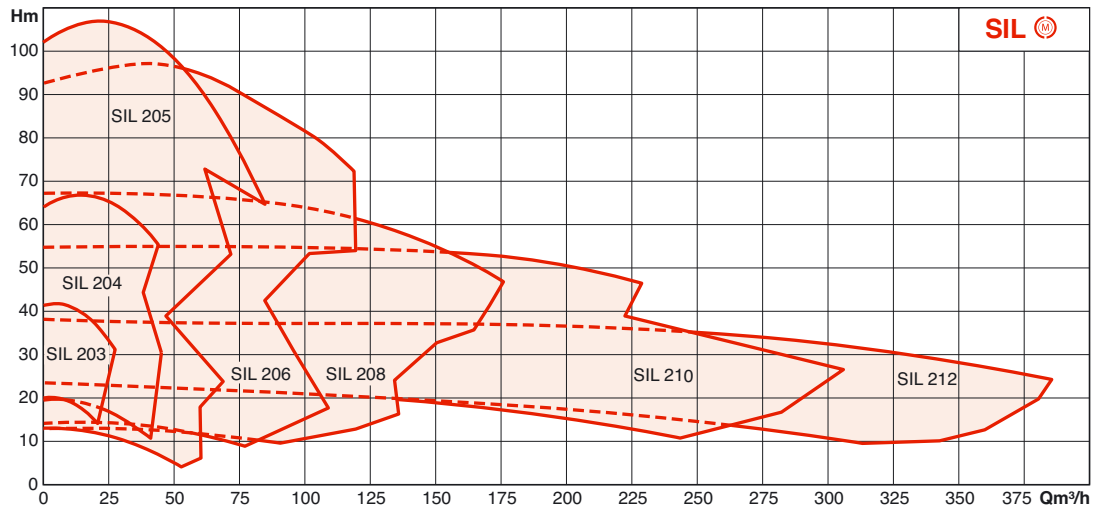
4. Attachment screw for lantern/pump

5. Attachment screw for motor/lantern

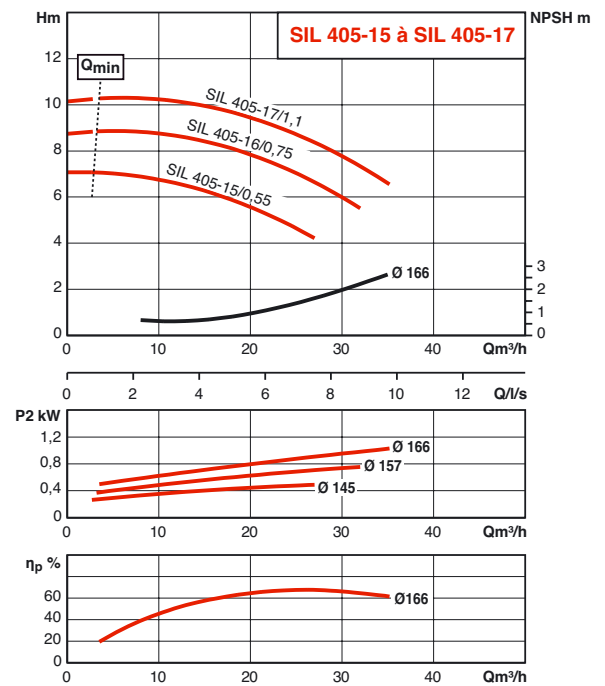
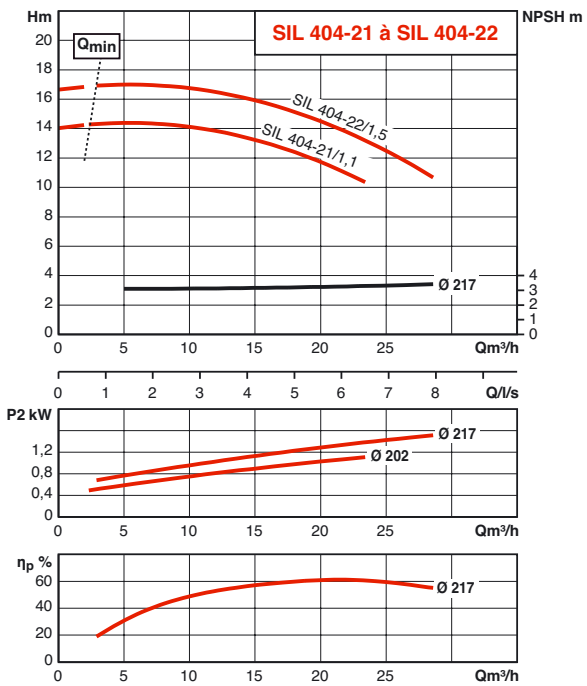
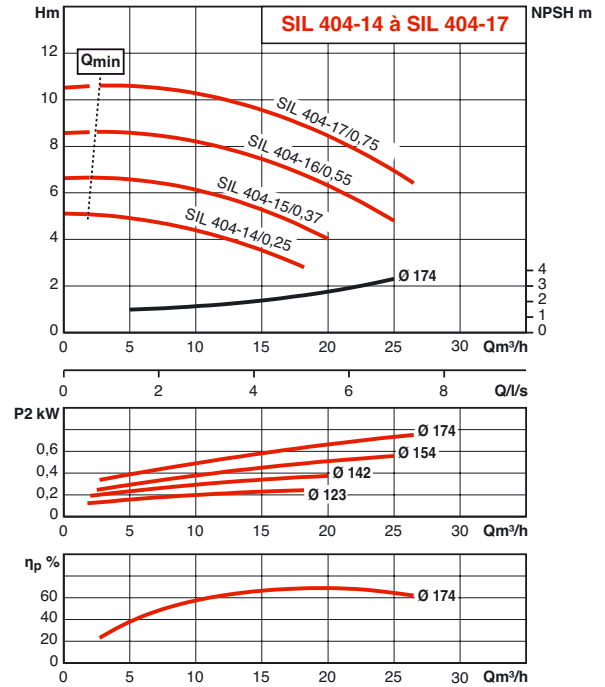
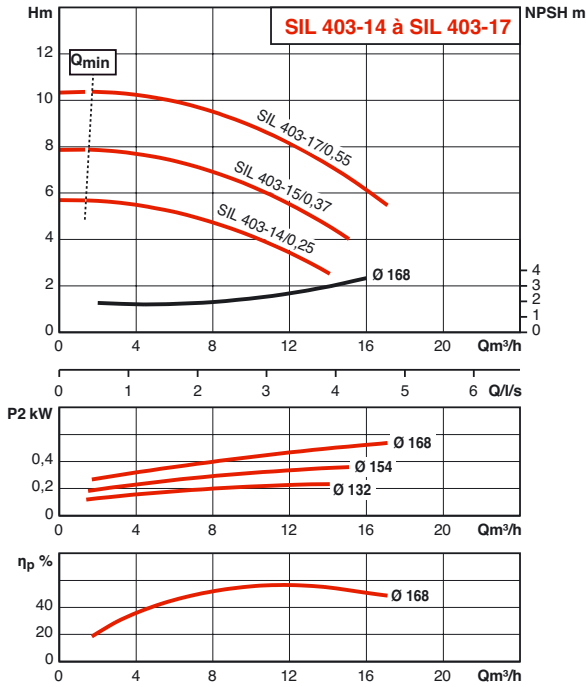
6. Nut for motor/lantern attachment

7. Washer for motor/lantern attachment

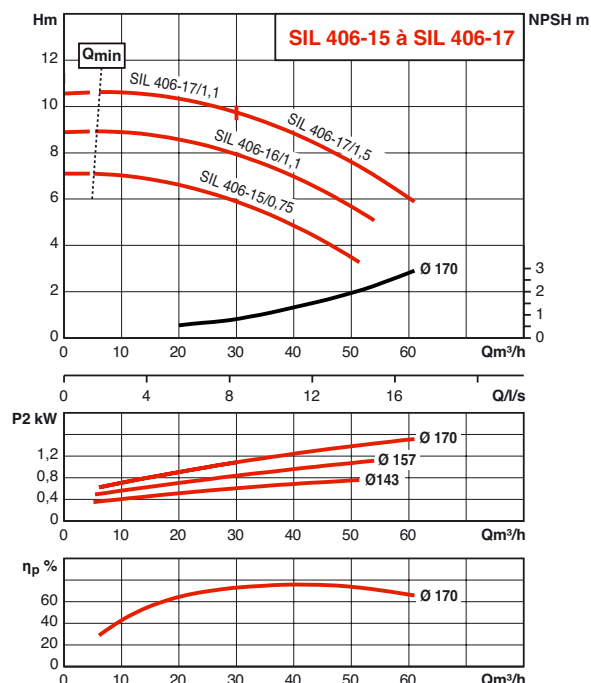
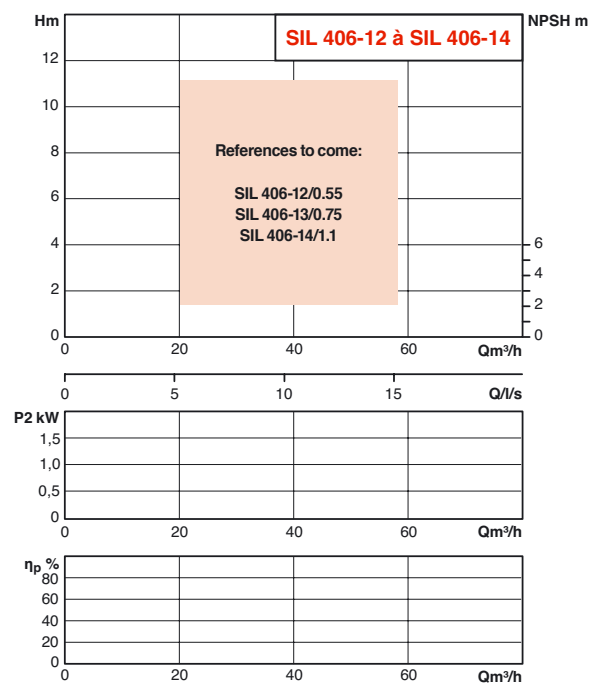
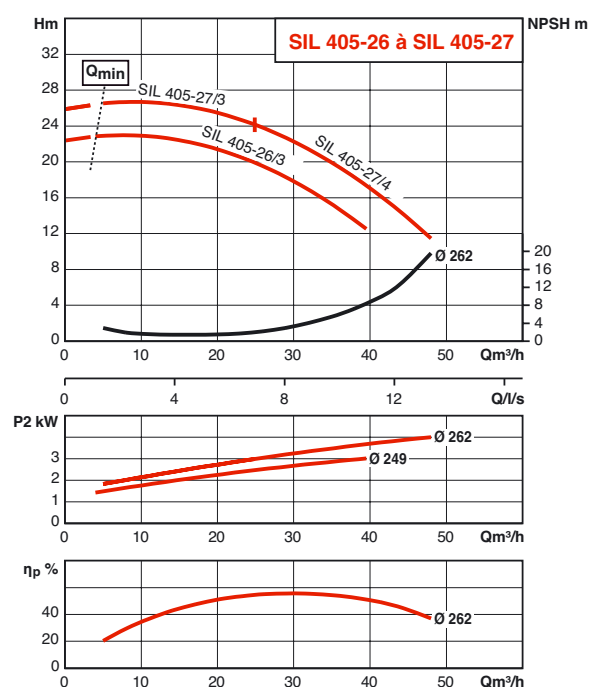
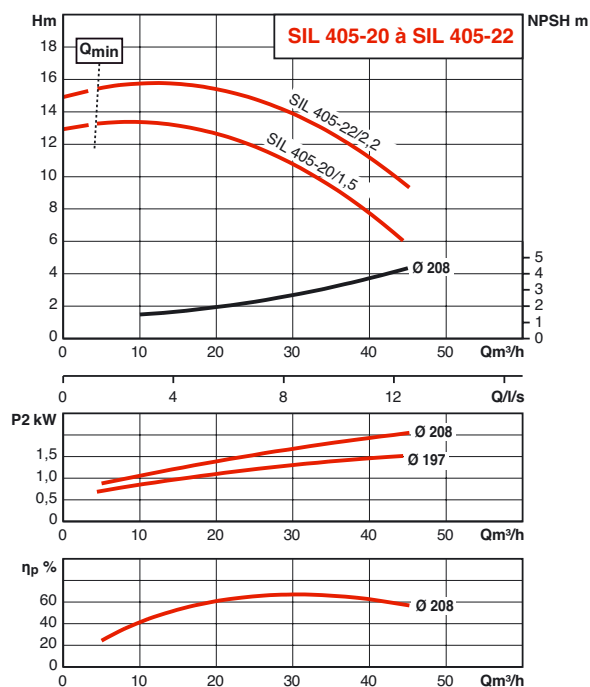
GENERAL PRE-SELECTION GRAPH



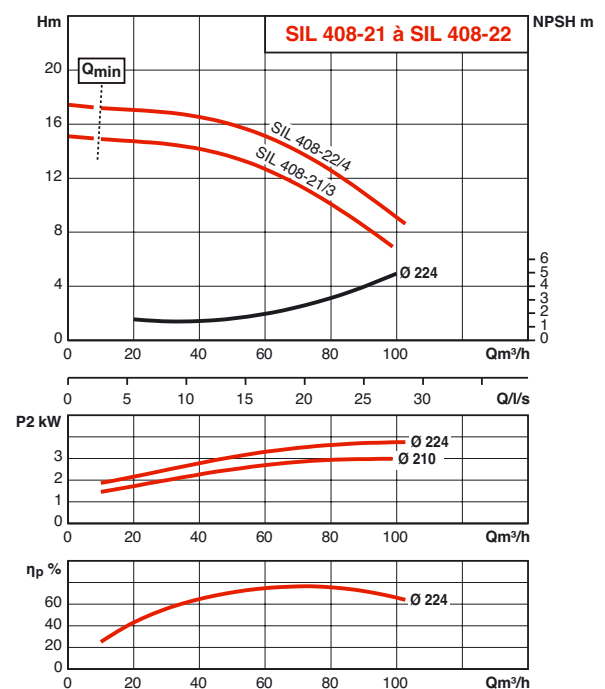
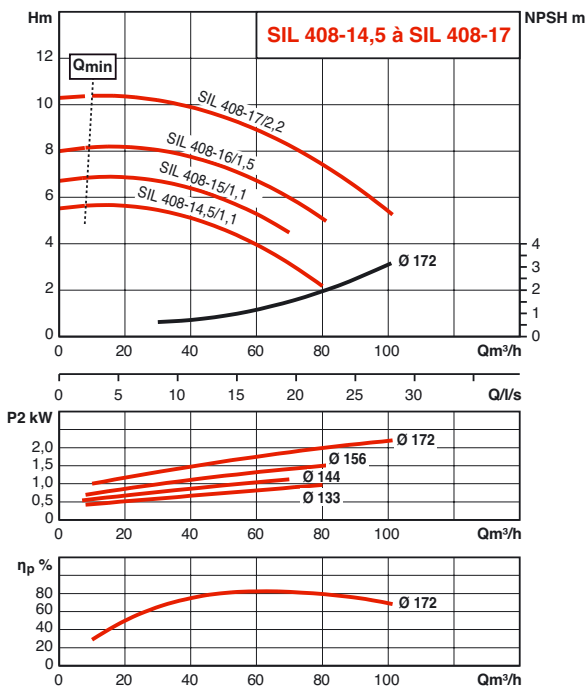
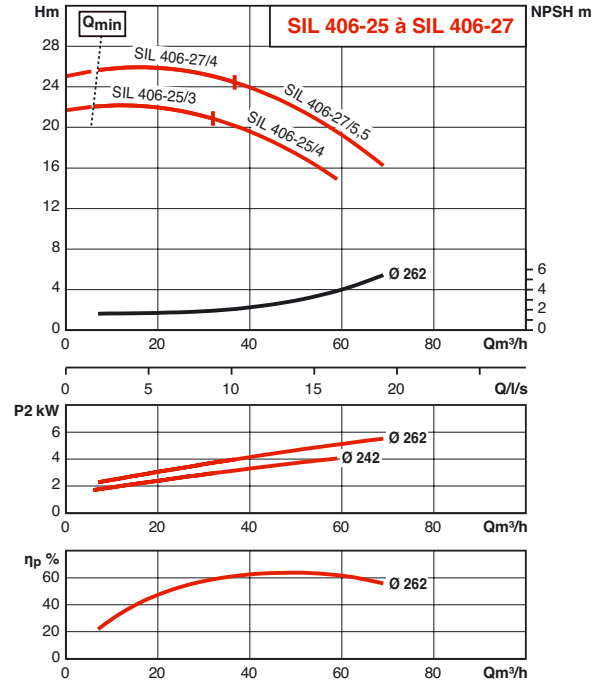
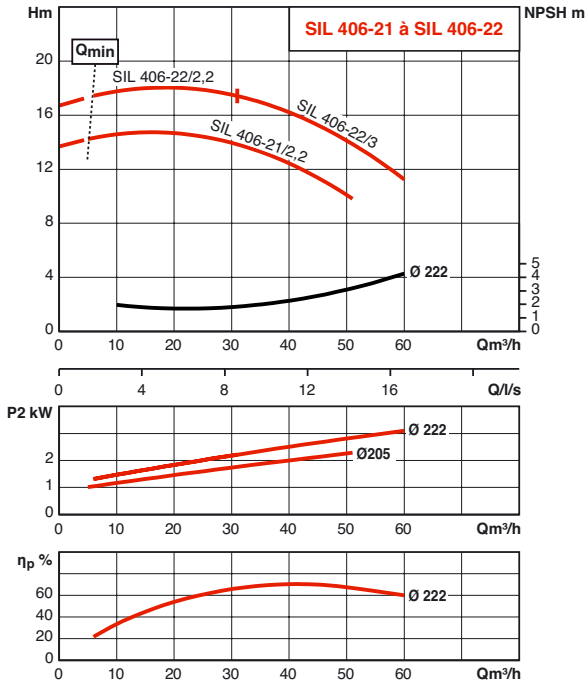
HYDRAULIC PERFORMANCES - SIL 4 POLE



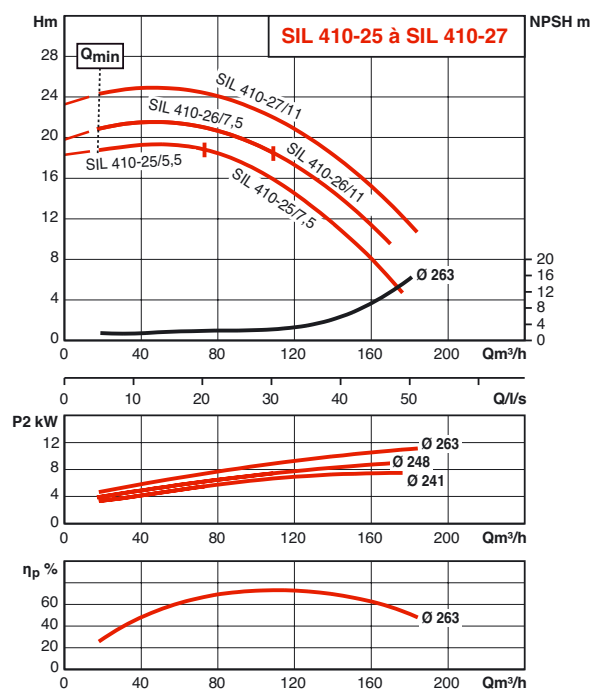
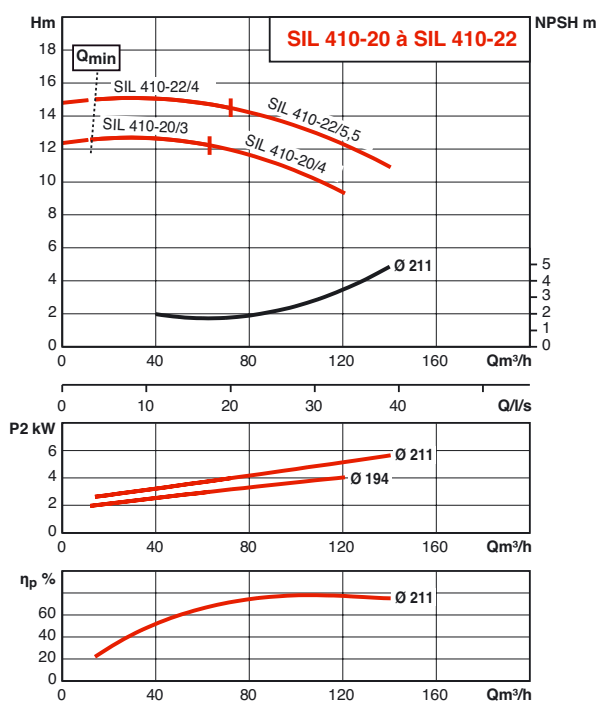
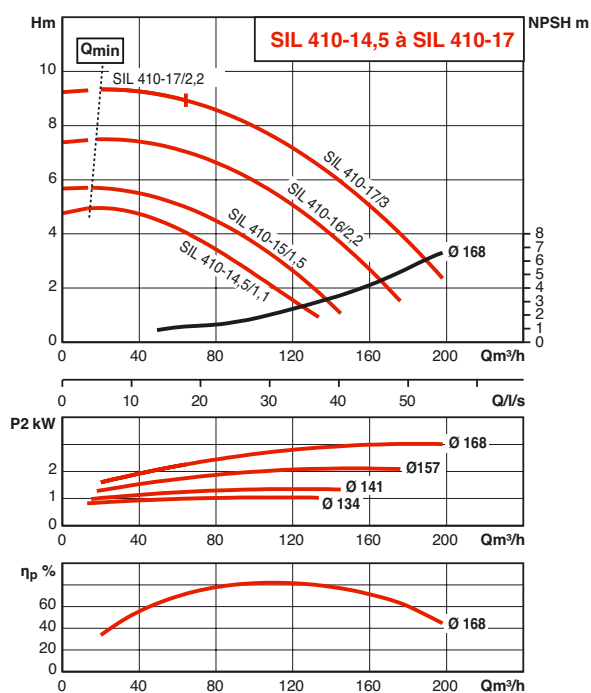
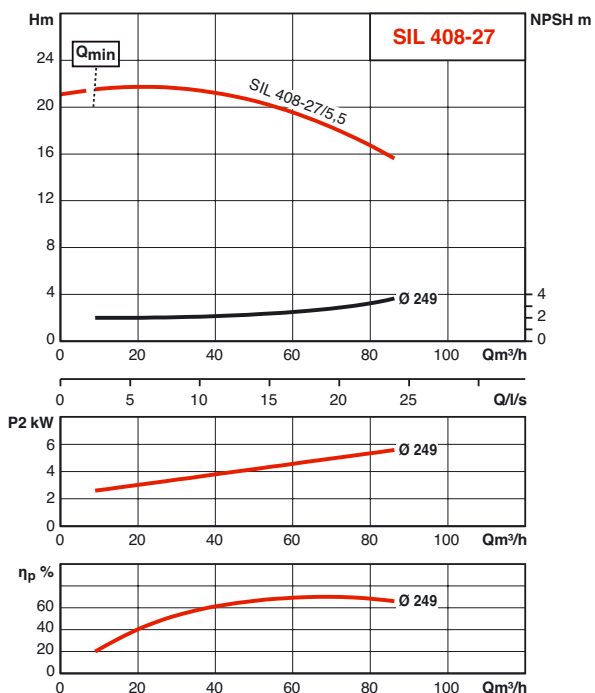
HYDRAULIC PERFORMANCES - SIL 4 POLE



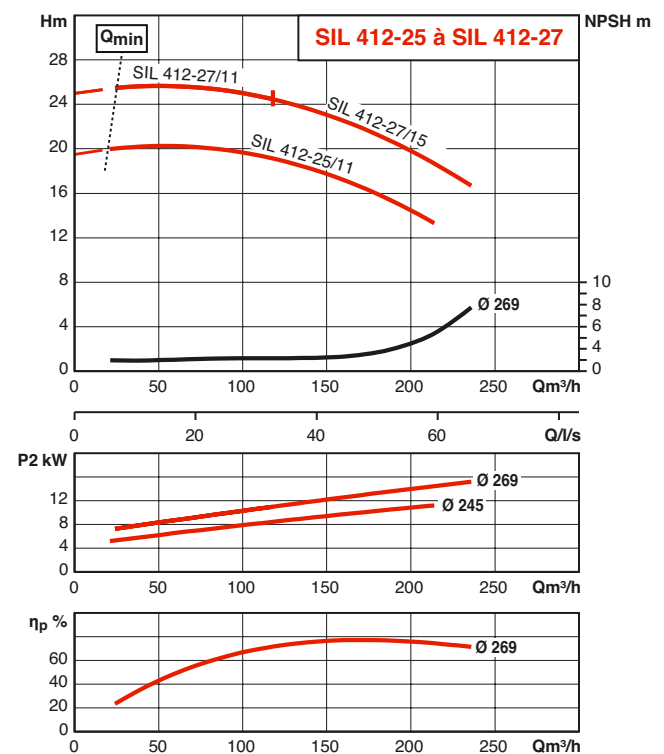
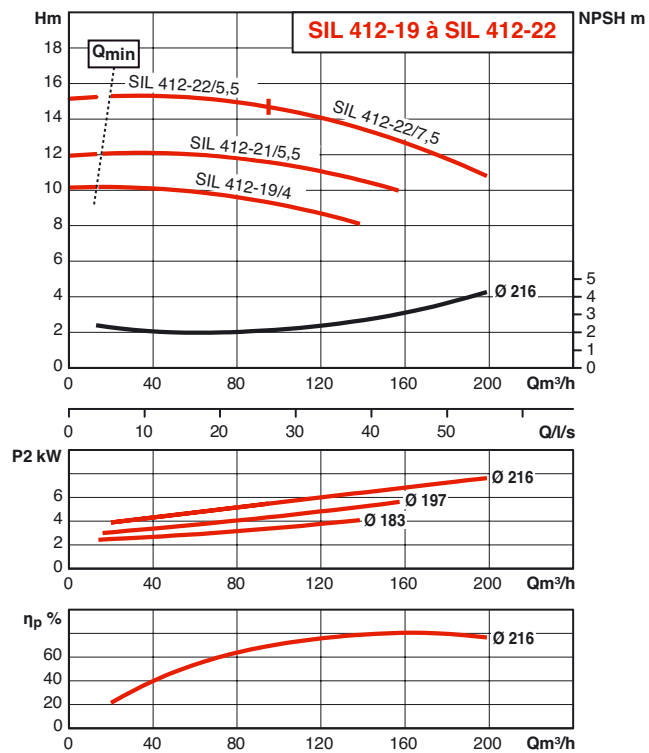
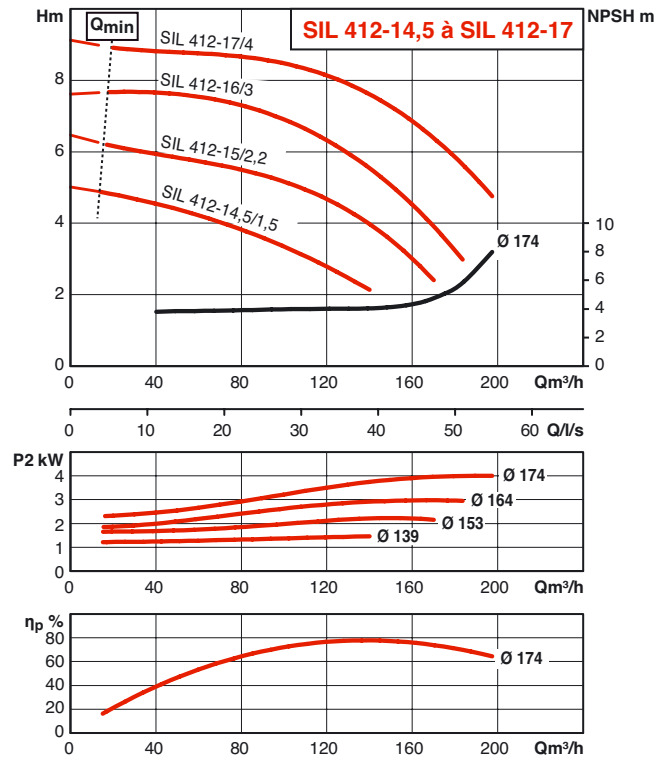
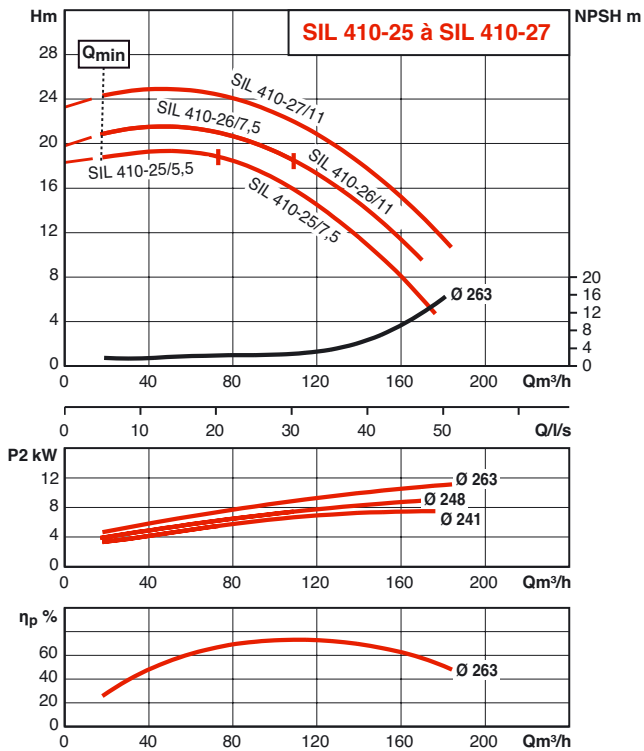
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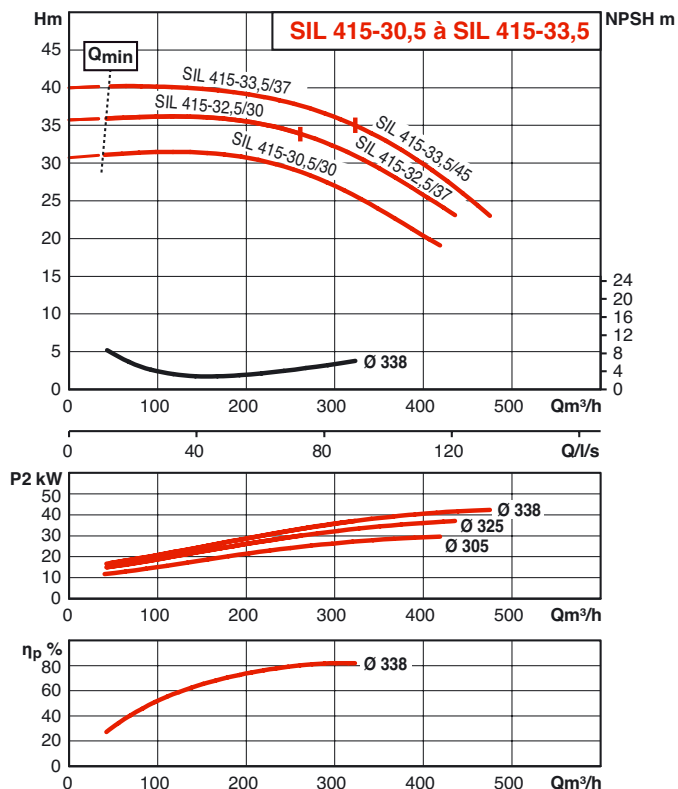
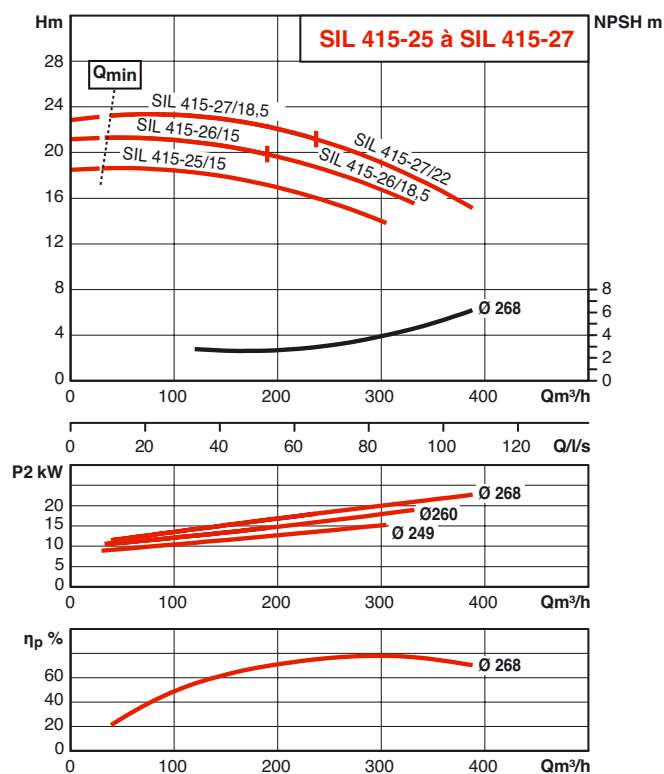
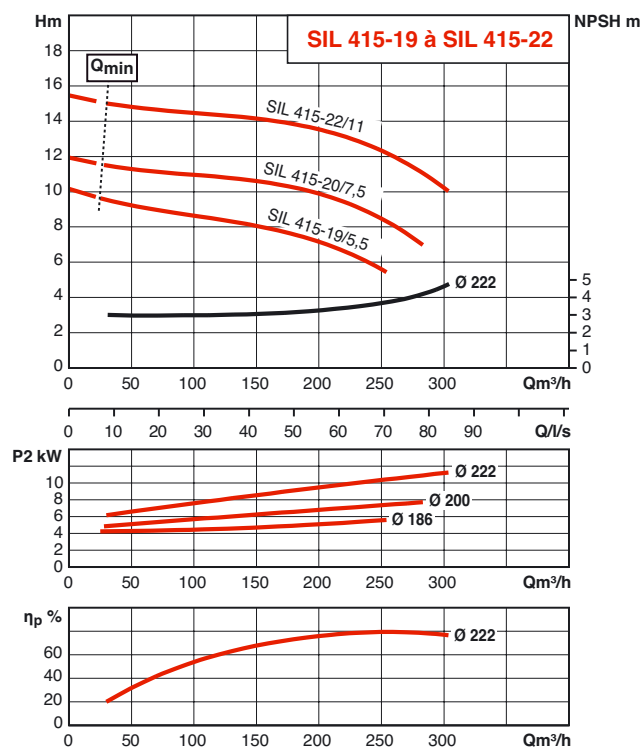
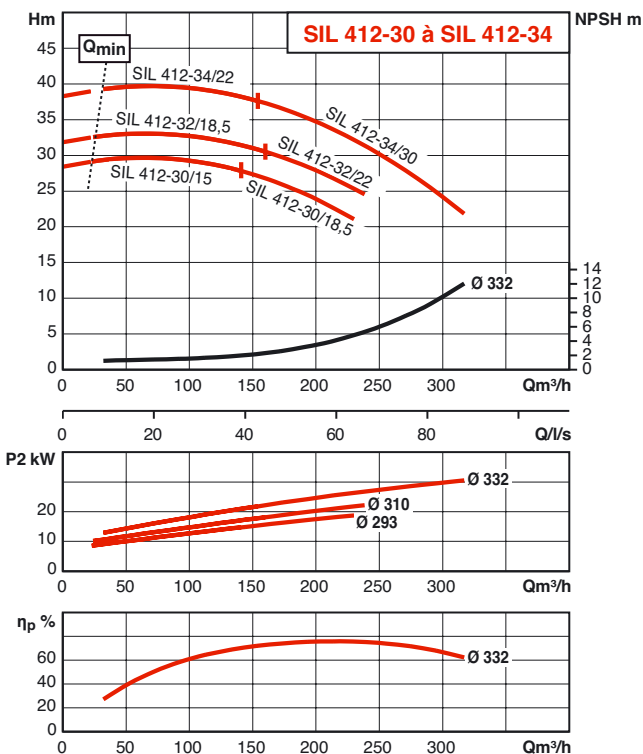
HYDRAULIC PERFORMANCES - SIL 4 POLE



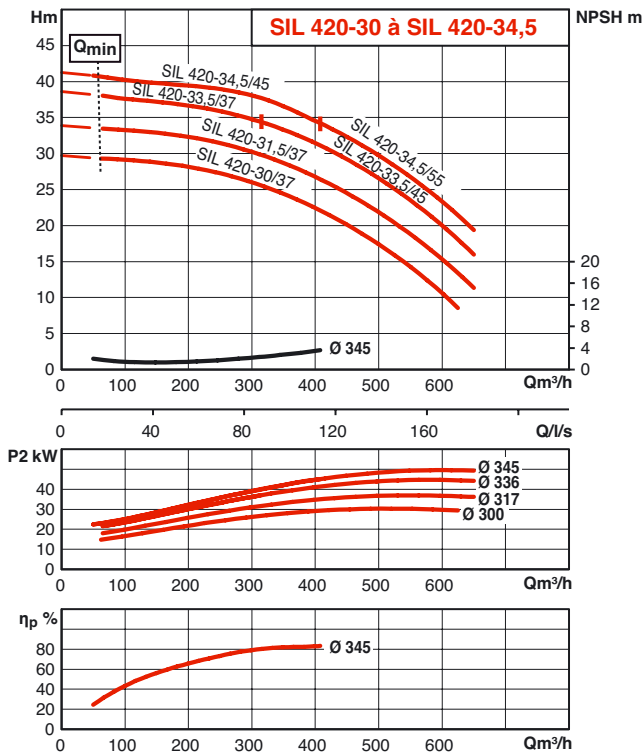
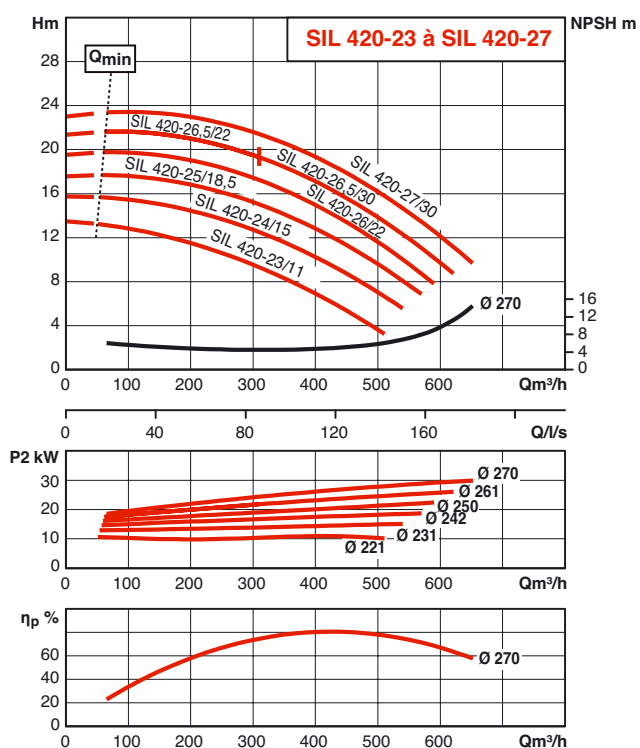
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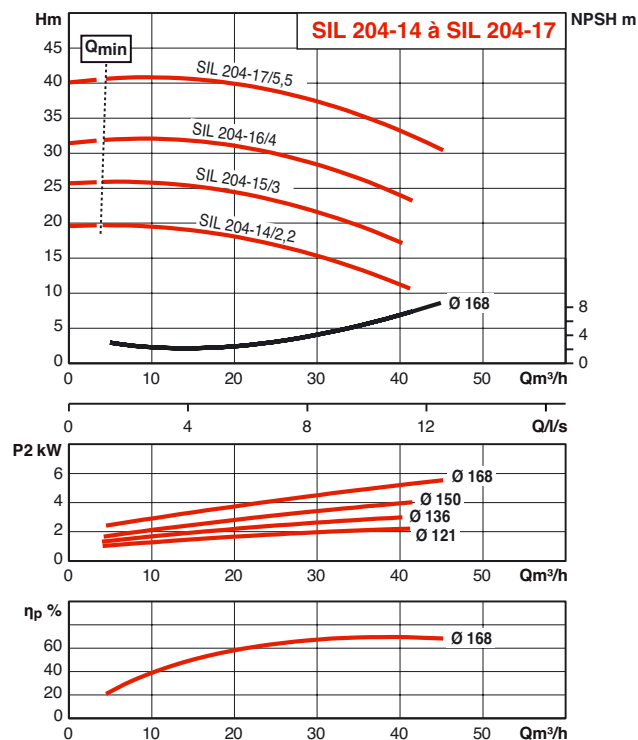
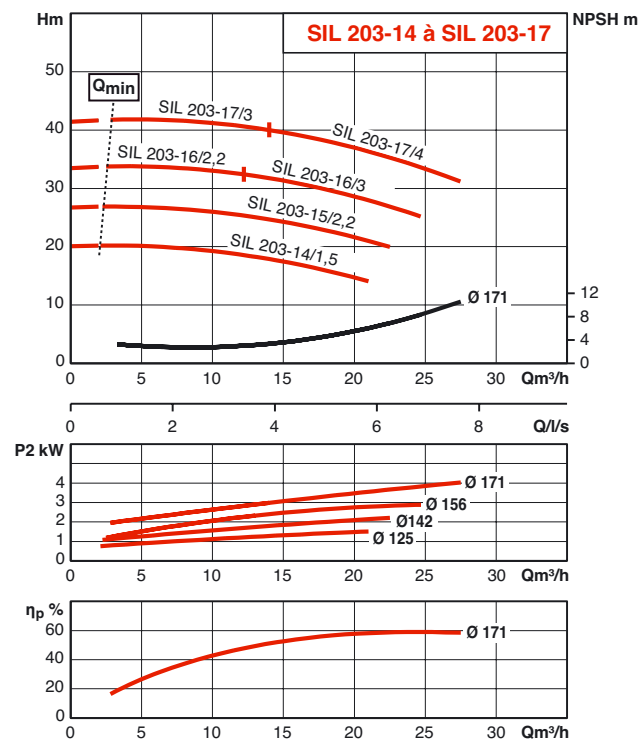
HYDRAULIC PERFORMANCES - SIL 4 POLE AND 6 POLE - 960 REV./MIN



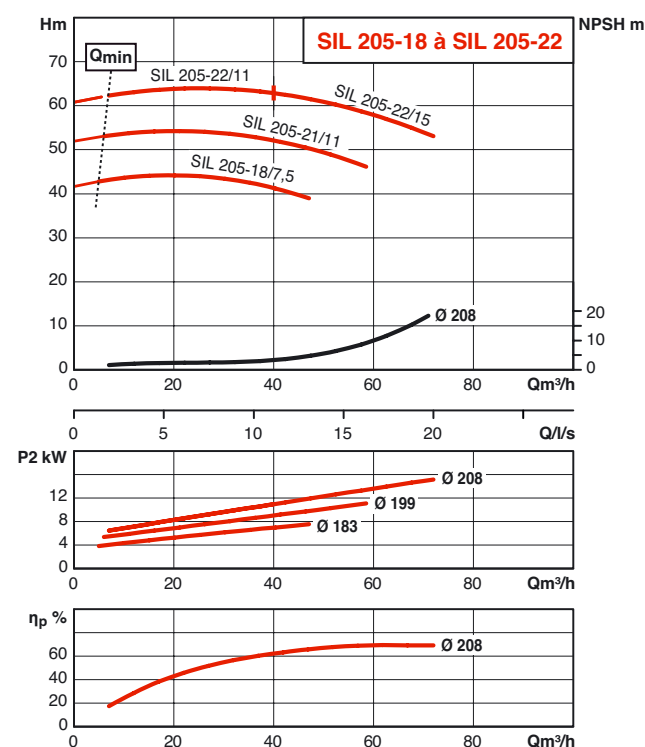
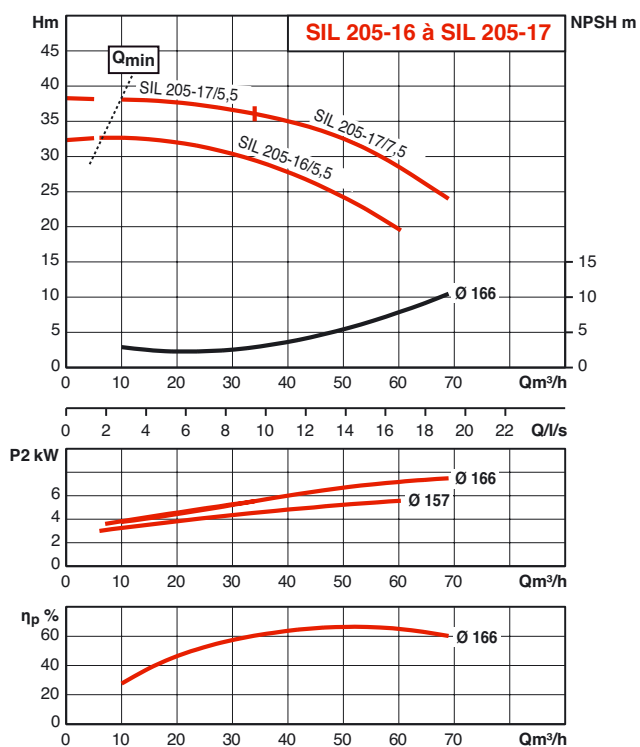
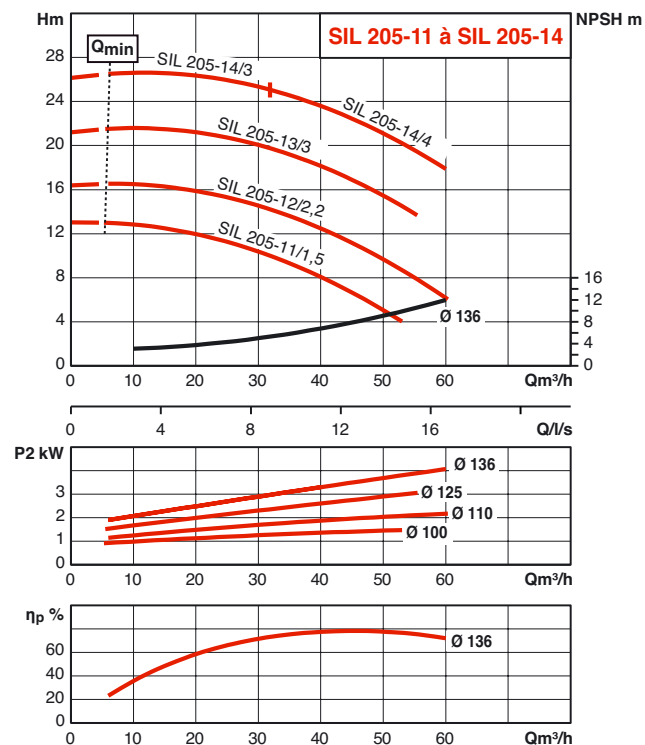
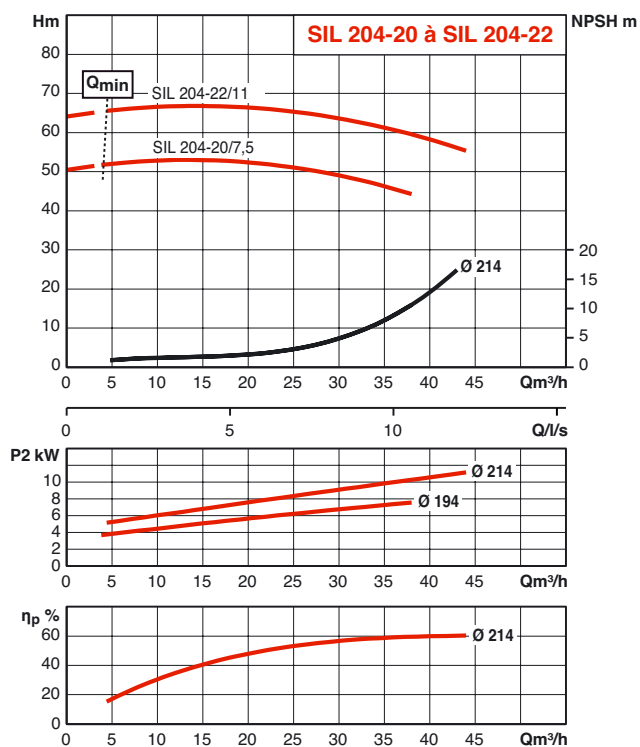
HYDRAULIC PERFORMANCES - SIL 4 POLE



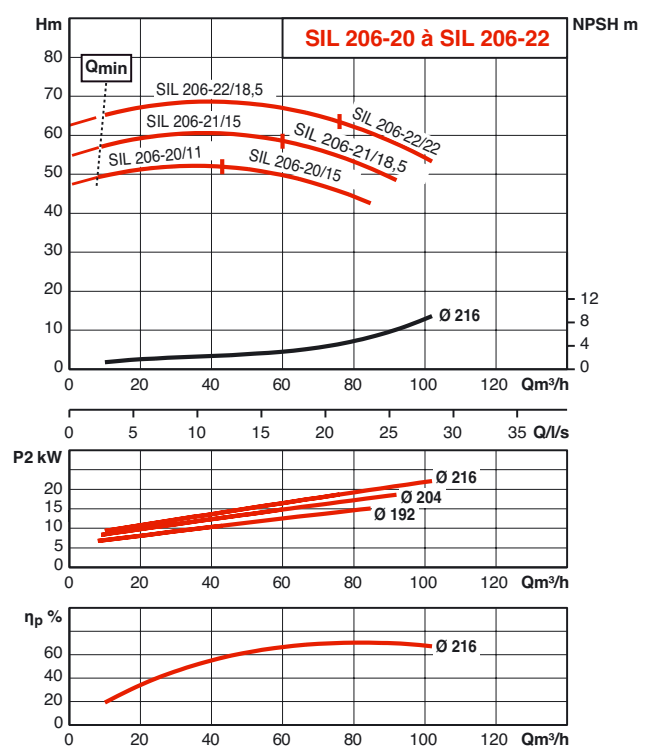
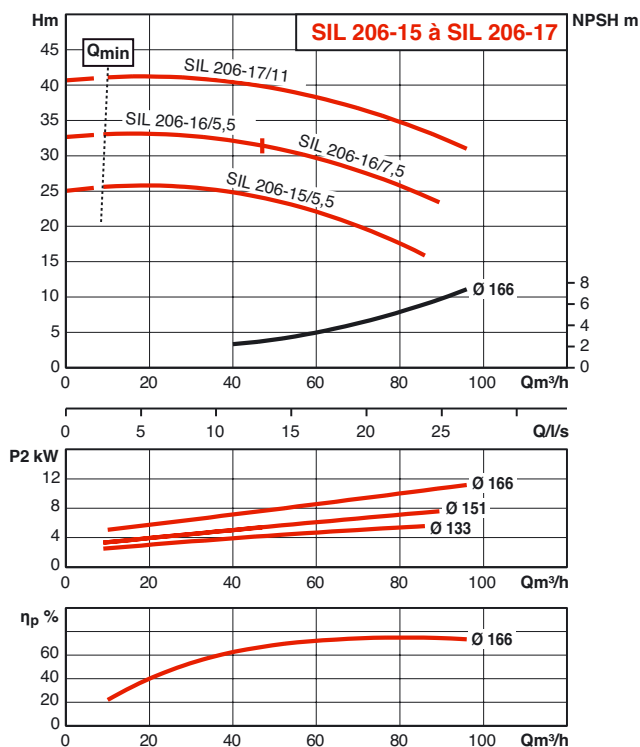
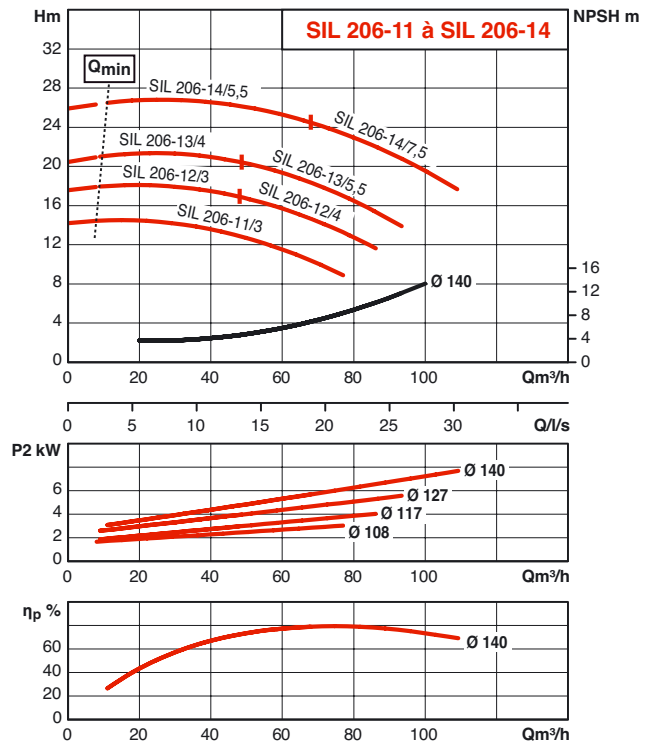
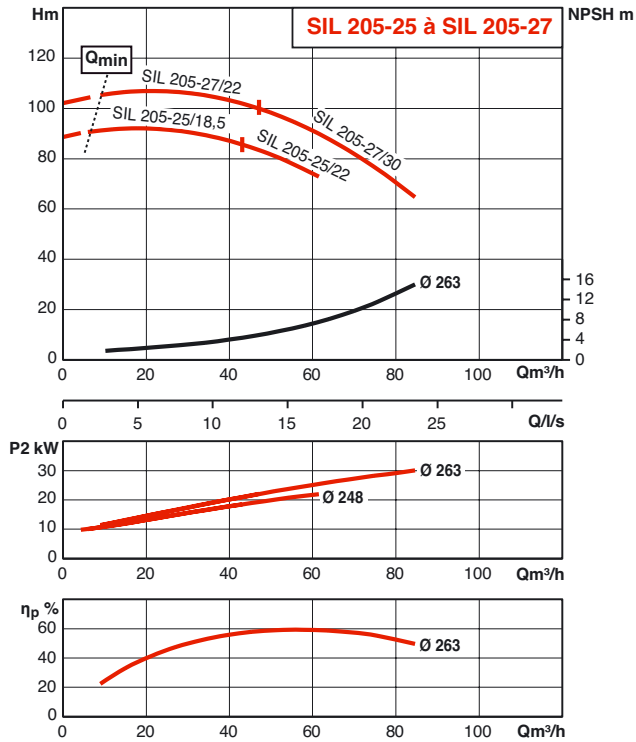
HYDRAULIC PERFORMANCES - SIL 2 POLE



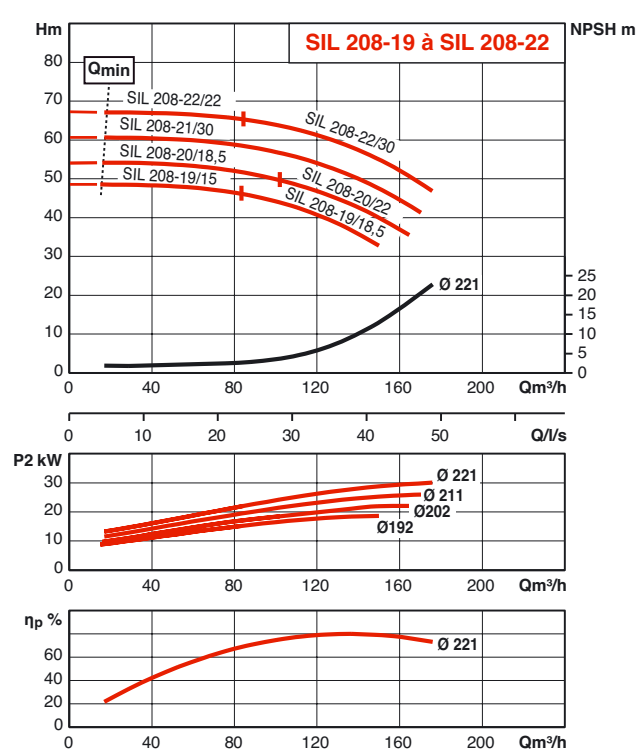
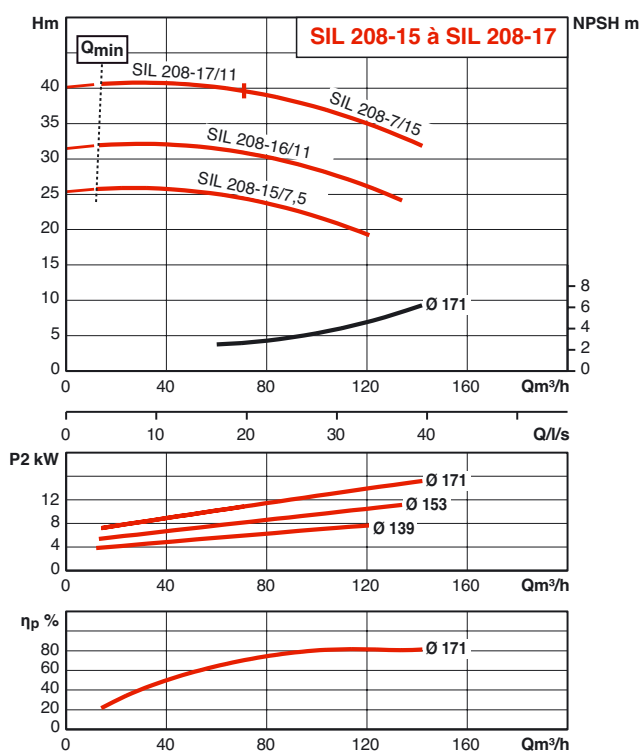
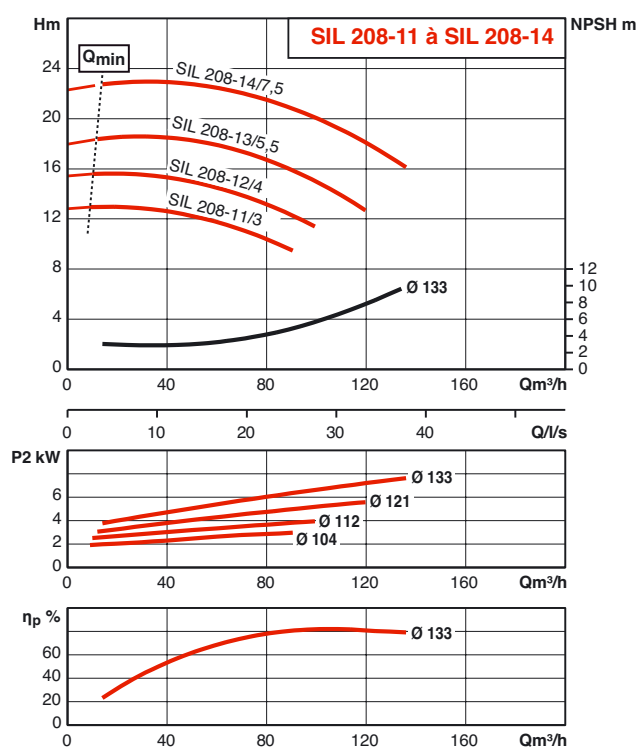
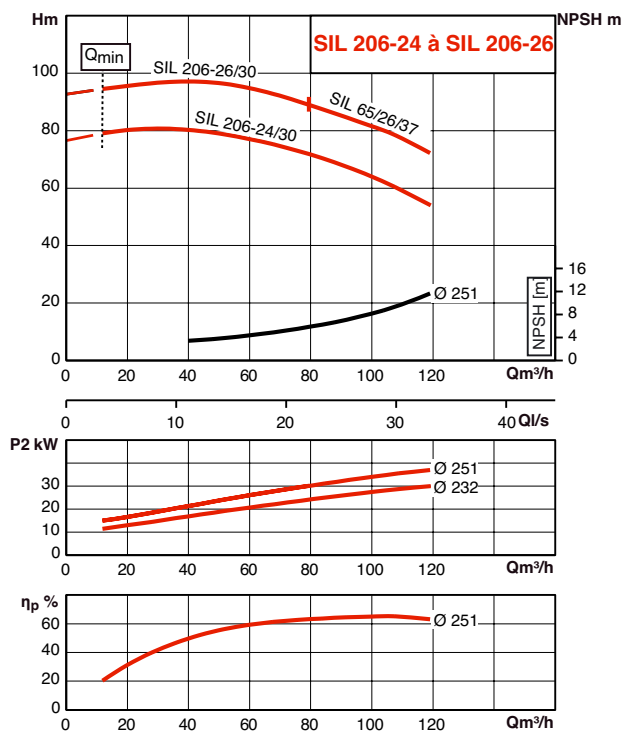
HYDRAULIC PERFORMANCES - SIL 2 POLE



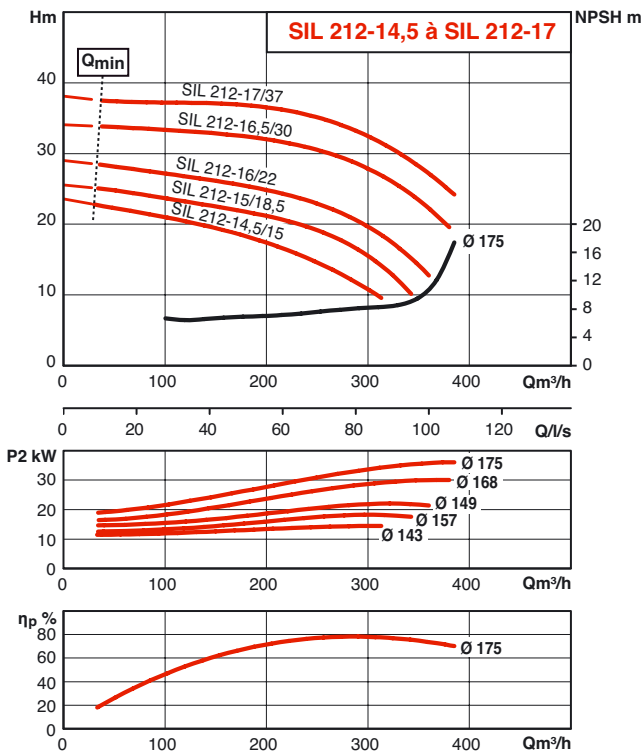
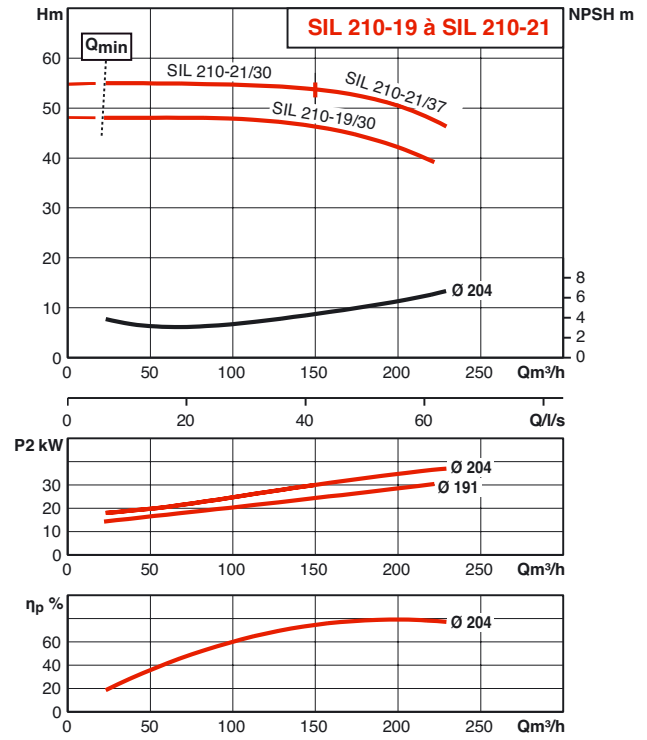
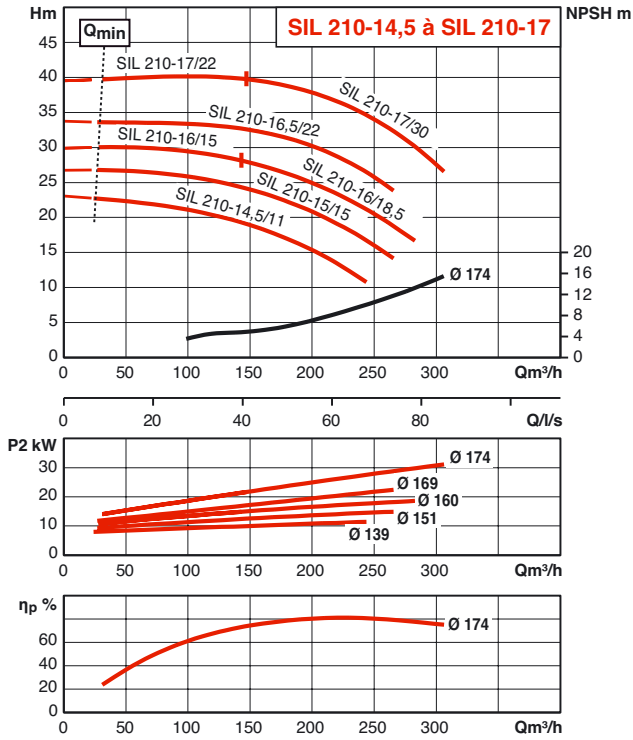
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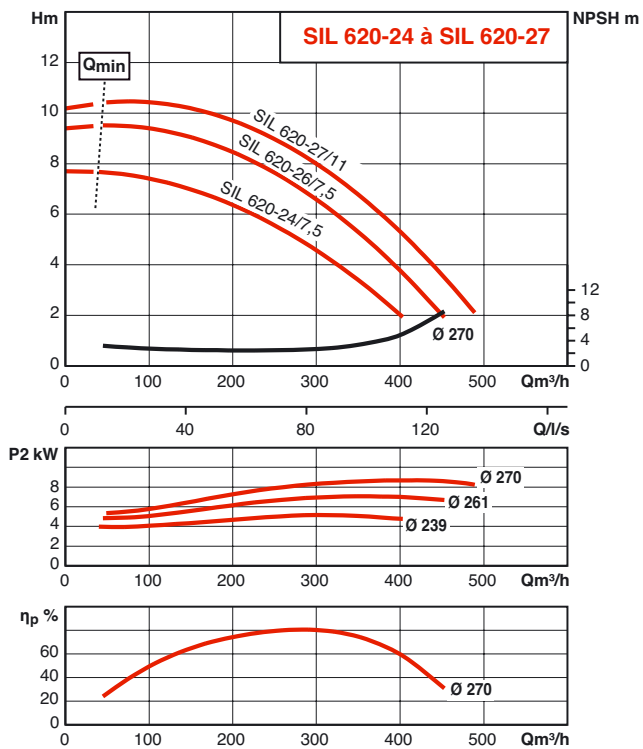
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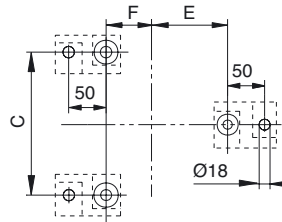
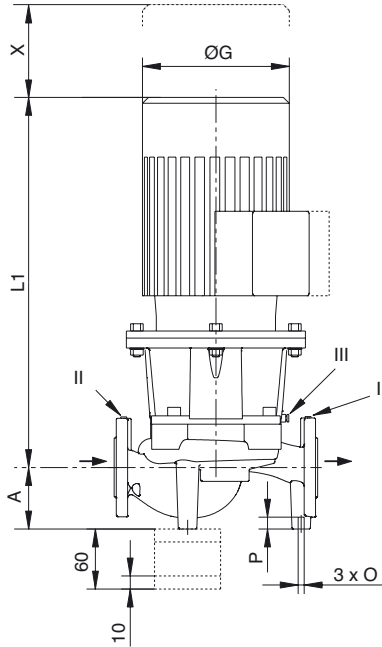
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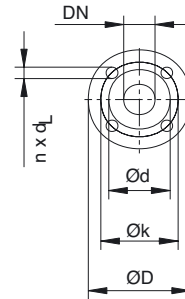
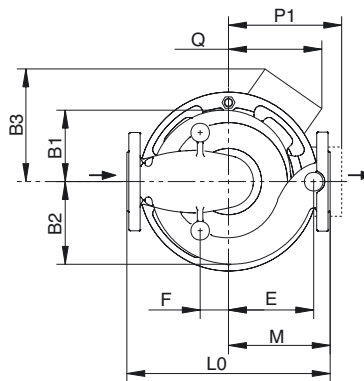
HYDRAULIC PERFORMANCES - SIL 6 POLE



ELECTRICAL AND DIMENSIONAL FEATURES

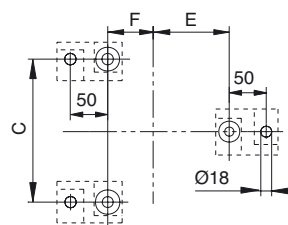
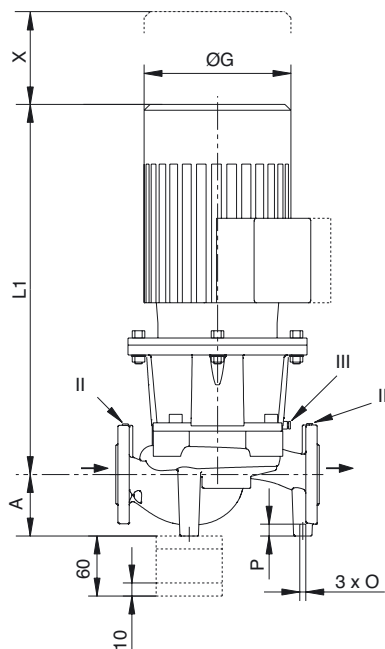


DN	ØD	Øk	Ød	holes
	mm	mm	mm	n x Ø
32	140	100	76	4 x 19
40	150	110	84	4 x 19
50	165	125	99	4 x 19
50	165	125	99	4 x 19
65	185	145	118	4 x 19
80	200	160	132	8 x 19
100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23

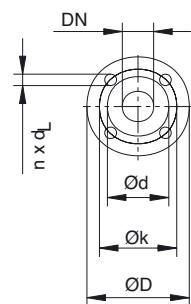
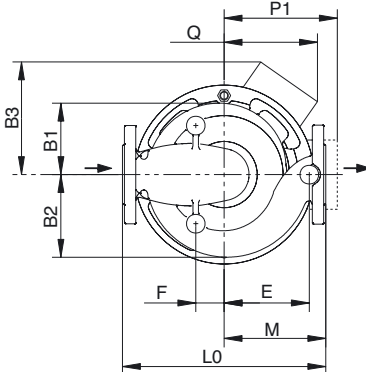


Product reference	MOTOR					PUMP																	mass	
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P	X	ØG		
	P2	η	cos φ	rpm	in A		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm
	W																							
SIL203-14/1.5	1500	81.3	0.78	2900	3.3	32	100	112	124	144	144	-	320	449	120	132	68	155	M10	20	90	193	49	
SIL203-15/2.2	2200	83.2	0.82	2900	4.4	32	100	112	124	144	144	-	320	476	120	132	68	155	M10	20	90	193	49	
SIL203-16/2.2	2200	83.2	0.82	2900	4.4	32	100	112	124	144	144	-	320	476	120	132	68	155	M10	20	90	193	49	
SIL203-16/3	3000	84.6	0.84	2900	5.8	32	100	112	124	150	150	-	320	531	120	132	68	155	M10	20	90	217	60	
SIL203-17/3	3000	84.6	0.84	2900	5.8	32	100	112	124	150	150	-	320	531	120	132	68	155	M10	20	90	217	59	
SIL203-17/4	4000	85.8	0.84	2900	7.7	32	100	112	124	156	156	-	320	555	120	132	68	155	M10	20	90	232	83	
SIL204-14/2.2	2200	83.2	0.82	2900	4.4	40	82	113	129	144	144	-	340	490	130	149	58	170	M10	20	95	193	50	
SIL204-15/3	3000	84.6	0.84	2900	5.8	40	82	113	129	150	150	-	340	545	130	149	58	170	M10	20	95	217	60	
SIL204-16/4	4000	85.8	0.84	2900	7.7	40	82	113	129	156	156	-	340	569	130	149	58	170	M10	20	95	232	70	
SIL204-17/5.5	5500	87	0.87	2900	10.2	40	82	113	129	176	176	-	340	614	130	149	58	170	M10	20	95	279	84	
SIL204-20/7.5	7500	88.1	0.86	2900	13.7	40	110	145	149	-	-	188	440	625	180	172	78	190	M10	20	100	279	105	
SIL204-22/11	11000	89.4	0.87	2900	22	40	110	145	149	-	-	250	440	772	180	172	78	190	M10	20	100	320	138	
SIL205-11/1.5	1500	81.3	0.78	2900	3.3	50	105	102	119	144	144	-	340	449	140	130	40	150	M10	20	100	193	48	
SIL205-12/2.2	2200	83.2	0.82	2900	4.4	50	105	102	119	144	144	-	340	476	140	130	40	150	M10	20	100	193	48	
SIL205-13/3	3000	84.6	0.84	2900	5.8	50	105	102	119	150	150	-	340	535	140	130	40	150	M10	20	100	217	58	
SIL205-14/3	3000	84.6	0.84	2900	5.8	50	105	102	119	150	150	-	340	535	140	130	40	150	M10	20	100	217	58	
SIL205-14/4	4000	85.8	0.84	2900	7.7	50	105	102	119	156	156	-	340	559	140	130	40	150	M10	20	100	232	68	
SIL205-16/5.5	5500	87	0.87	2900	10.2	50	103	120	138	176	176	-	340	621	164	143	48	170	M10	20	100	279	89	
SIL205-17/5.5	5500	87	0.87	2900	10.2	50	103	120	138	176	176	-	340	621	164	143	48	170	M10	20	100	279	89	
SIL205-17/7.5	7500	88.1	0.86	2900	13.7	50	103	120	138	176	176	-	340	627	164	143	48	170	M10	20	100	279	96	
SIL205-18/7.5	7500	88.1	0.86	2900	13.7	50	120	145	150	-	-	188	440	626	160	170	70	190	M10	20	100	279	109	
SIL205-21/11	11000	89.4	0.87	2900	22	50	120	145	150	-	-	250	440	773	160	170	70	190	M10	20	100	320	141	

ELECTRICAL AND DIMENSIONAL FEATURES

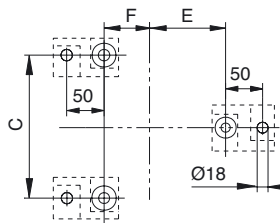
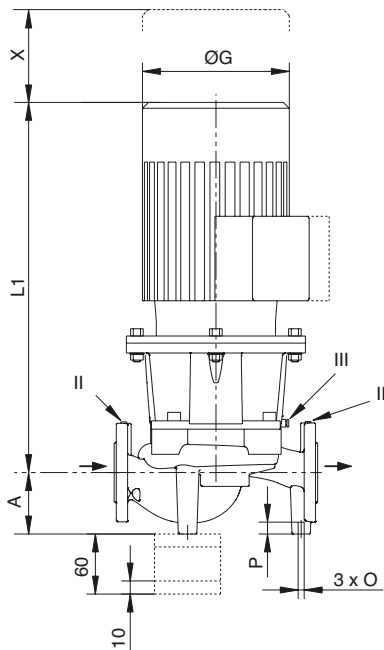


DN	ØD	Øk	Ød	holes
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32	140	100	76	4 x 19
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100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23

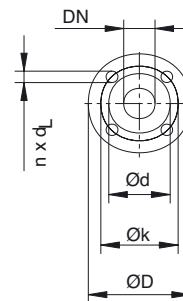
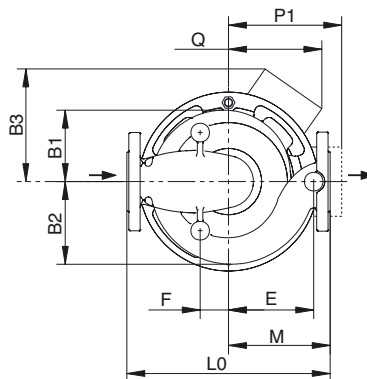


Product reference	MOTOR					PUMP															mess		
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P		X	ØG
	P2	η	cos φ	rpm	in A																		
	W					mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm
SIL205-22/11	11000	89.4	0.87	2900	22	50	120	145	150	-	-	250	440	773	160	170	70	190	M10	20	100	320	141
SIL205-22/15	15000	90.3	0.84	2900	28.5	50	120	145	150	-	-	250	440	773	160	170	70	190	M10	20	100	320	149
SIL205-25/18.5	18500	90.9	0.87	2900	34.2	50	122	174	178	-	-	250	440	782	200	200	70	220	M10	20	120	320	175
SIL205-25/22	22000	91.3	0.85	2900	40.7	50	122	174	178	-	-	291	440	866	200	200	70	220	M10	20	120	370	214
SIL205-27/22	22000	91.3	0.85	2900	40.7	50	122	174	178	-	-	291	440	866	200	200	70	220	M10	20	120	370	204
SIL205-27/30	30000	92	0.85	2900	53	50	122	174	178	-	-	305	440	940	200	200	70	220	M10	20	120	415	266
SIL206-11/3	3000	84.6	0.84	2900	5.8	65	120	112	134	150	150	-	340	549	140	140	60	160	M12	20	110	217	62
SIL206-12/3	3000	84.6	0.84	2900	5.8	65	120	112	134	150	150	-	340	549	140	140	60	160	M12	20	110	217	62
SIL206-12/4	4000	85.8	0.84	2900	7.7	65	120	112	134	156	156	-	340	573	140	140	60	160	M12	20	110	232	71
SIL206-13/4	4000	85.8	0.84	2900	7.7	65	120	112	134	156	156	-	340	573	140	140	60	160	M12	20	110	232	71
SIL206-13/5.5	5500	87	0.87	2900	10.2	65	120	112	134	-	-	188	340	624	140	140	60	160	M12	20	110	279	86
SIL206-14/5.5	5500	87	0.87	2900	10.2	65	120	112	134	-	-	188	340	624	140	140	60	160	M12	20	110	279	86
SIL206-14/7.5	7500	88.1	0.86	2900	13.7	65	120	112	134	-	-	188	340	630	140	140	60	160	M12	20	110	279	93
SIL206-15/5.5	5500	87	0.87	2900	10.2	65	110	126	146	176	176	-	430	627	180	195	60	215	M12	20	120	279	96.5
SIL206-16/5.5	5500	87	0.87	2900	10.2	65	110	126	146	176	176	-	430	627	180	195	60	215	M12	20	120	279	94
SIL206-16/7.5	7500	88.1	0.86	2900	13.7	65	110	126	146	176	176	-	430	633	180	195	60	215	M12	20	120	279	105
SIL206-17/11	11000	89.4	0.87	2900	22	65	110	126	146	-	-	250	430	788	180	195	60	215	M12	20	120	320	128
SIL206-20/11	11000	89.4	0.87	2900	22	65	130	150	168	-	-	250	475	782	200	225	50	245	M12	20	110	320	148
SIL206-20/15	15000	90.3	0.84	2900	28.5	65	130	150	168	-	-	250	475	782	200	225	50	245	M12	20	110	320	155
SIL206-21/15	15000	90.3	0.84	2900	28.5	65	130	150	168	-	-	250	475	782	200	225	50	245	M12	20	110	320	155
SIL206-21/18.5	18500	90.9	0.87	2900	34.2	65	130	150	168	-	-	250	475	783	200	225	50	245	M12	20	110	320	173
SIL206-22/18.5	18500	90.9	0.87	2900	34.2	65	130	150	168	-	-	250	475	783	200	225	50	245	M12	20	110	320	172

ELECTRICAL AND DIMENSIONAL FEATURES

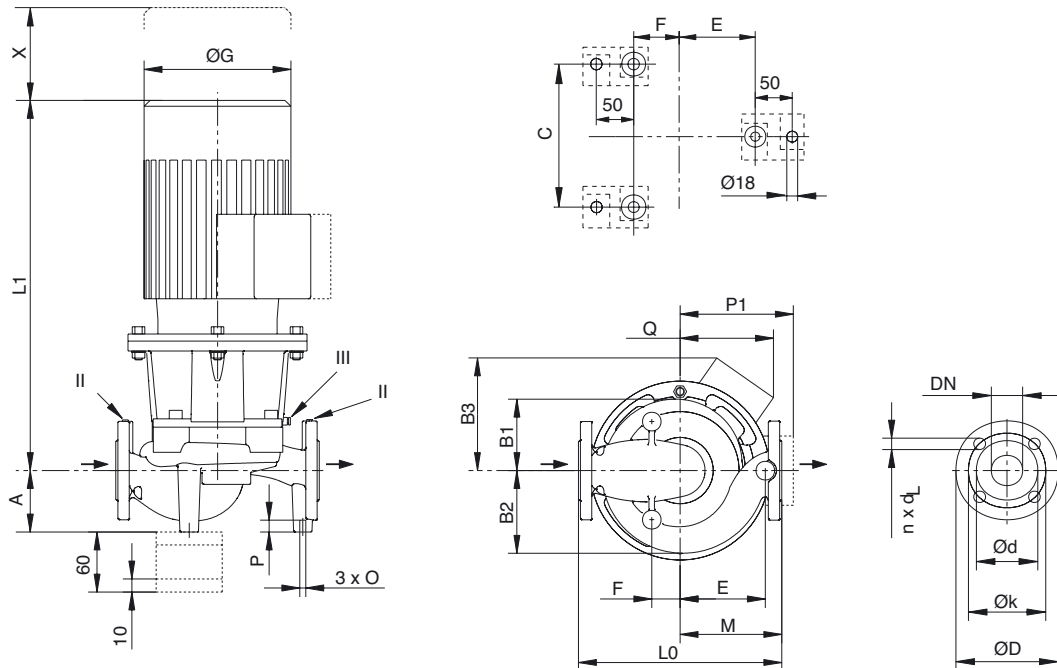


DN	ØD	Øk	Ød	holes
	mm	mm	mm	n x Ø
32	140	100	76	4 x 19
40	150	110	84	4 x 19
50	165	125	99	4 x 19
50	165	125	99	4 x 19
65	185	145	118	4 x 19
80	200	160	132	8 x 19
100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23



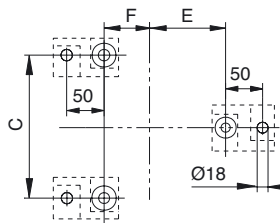
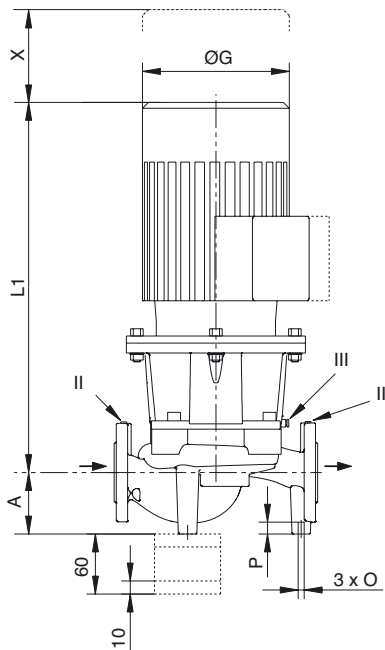
Product reference	MOTOR					PUMP																	mass
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P	X	ØG	
	P2	η	cos φ	rpm	in A		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
	W						mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
SIL206-22/22	22000	91.3	0.85	2900	40.7	65	130	150	168	-	-	291	475	867	200	225	50	245	M12	20	110	370	202
SIL 206-24/30	30000	0.92	0.85	2900	53	65	140	174	187	-	-	305	475	944	200	215	80	235	M12	20	120	415	270
SIL 206-26/30	30000	0.92	0.85	2900	53	65	140	174	187	-	-	305	475	944	200	215	80	235	M12	20	120	415	270
SIL 206-26/37	37000	0.925	0.89	2900	65	65	140	174	187	-	-	305	475	944	200	215	80	235	M12	20	120	415	302
SIL208-11/3	3000	84.6	0.84	2900	5.8	80	105	123	151	150	150	-	400	566	180	173	57	200	M12	20	120	217	69
SIL208-12/4	30000	92	0.85	2900	53	65	140	174	187	-	-	305	475	944	200	215	80	235	M12	20	120	415	270
SIL208-12/4	4000	85.8	0.84	2900	7.7	80	105	123	151	156	156	-	400	590	180	173	57	200	M12	20	120	232	79
SIL208-13/5.5	30000	92	0.85	2900	53	65	140	174	187	-	-	305	475	944	200	215	80	235	M12	20	120	415	270
SIL208-13/5.5	5500	87	0.87	2900	10.2	80	105	123	151	-	-	188	400	641	180	173	57	200	M12	20	120	279	94
SIL208-14/7.5	37000	92.5	0.89	2900	65	65	140	174	187	-	-	305	475	944	200	215	80	235	M12	20	120	415	302
SIL208-14/7.5	7500	88.1	0.86	2900	13.7	80	105	123	151	-	-	188	400	647	180	173	57	200	M12	20	120	279	101
SIL208-15/7.5	7500	88.1	0.86	2900	13.7	80	120	136	162	176	176	-	440	631	180	173	72	200	M12	20	120	279	109
SIL208-16/11	11000	89.4	0.87	2900	22	80	120	136	162	-	-	250	440	786	180	173	72	200	M12	20	120	320	135
SIL208-17/11	11000	89.4	0.87	2900	22	80	120	136	162	-	-	250	440	786	180	173	72	200	M12	20	120	320	135
SIL208-17/15	15000	90.3	0.84	2900	28.5	80	120	136	162	-	-	250	440	786	180	173	72	200	M12	20	120	320	142
SIL208-19/15	15000	90.3	0.84	2900	28.5	80	145	157	182	-	-	250	500	790	220	208	62	230	M12	20	120	320	161
SIL208-19/18.5	18500	90.9	0.87	2900	34.2	80	145	157	182	-	-	250	500	791	220	208	62	230	M12	20	120	320	178
SIL208-20/18.5	18500	90.9	0.87	2900	34.2	80	145	157	182	-	-	250	500	791	220	208	62	230	M12	20	120	320	178
SIL208-20/22	22000	91.3	0.85	2900	40.7	80	145	157	182	-	-	291	500	875	220	208	62	230	M12	20	120	370	210
SIL208-21/30	30000	92	0.85	2900	53	80	145	157	182	-	-	305	500	932	220	208	62	230	M12	20	120	415	263
SIL208-22/22	22000	91.3	0.85	2900	40.7	80	145	157	182	-	-	291	500	875	220	208	62	230	M12	20	120	370	211
SIL208-22/30	30000	92	0.85	2900	53	80	145	157	182	-	-	305	500	932	220	208	62	230	M12	20	120	415	263
SIL210-14.5/11	11000	89.4	0.87	2900	22	100	120	159	197	-	-	250	500	821	200	226	60	250	M12	20	135	320	148

ELECTRICAL AND DIMENSIONAL FEATURES

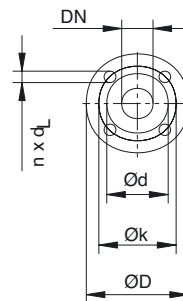
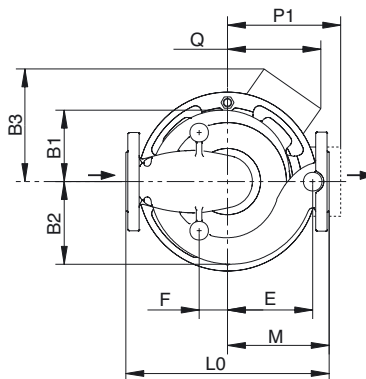


Product reference	MOTOR					PUMP																	mass
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P	X	ØG	
	P2	η	cos φ	rpm	in A		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
	W						mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
SIL210-15/15	15000	90.3	0.84	2900	28.5	100	120	159	197	-	-	250	500	821	200	226	60	250	M12	20	135	320	155
SIL210-16.5/22	22000	91.3	0.85	2900	40.7	100	120	159	197	-	-	291	500	906	200	226	60	250	M12	20	135	370	202
SIL210-16/15	15000	90.3	0.84	2900	28.5	100	120	159	197	-	-	250	500	821	200	226	60	250	M12	20	135	320	155
SIL210-16/18.5	18500	90.9	0.87	2900	34.2	100	120	159	197	-	-	250	500	822	200	226	60	250	M12	20	135	320	172
SIL210-17/22	22000	91.3	0.85	2900	40.7	100	120	159	197	-	-	291	500	906	200	226	60	250	M12	20	135	370	202
SIL210-17/30	30000	92	0.85	2900	53	100	120	159	197	-	-	305	500	963	200	226	60	250	M12	20	135	415	259
SIL210-19/30	30000	92	0.85	2900	53	100	155	173	202	-	-	305	550	942	220	231	99	255	M12	20	120	415	277
SIL210-21/30	30000	92	0.85	2900	53	100	155	173	202	-	-	305	550	942	220	231	99	255	M12	20	120	415	277
SIL210-21/37	37000	92.5	0.89	2900	65	100	155	173	202	-	-	305	550	942	220	231	99	255	M12	20	120	415	309
SIL212-14.5/15	15000	90.3	0.84	2900	28.5	125	175	182	226	-	-	250	620	807	240	285	65	310	M16	25	-	320	204
SIL212-15/18.5	18500	90.9	0.87	2900	34.2	125	175	182	226	-	-	250	620	808	240	285	65	310	M16	25	-	320	280
SIL212-16.5/30	30000	92	0.85	2900	53	125	175	182	226	-	-	305	620	949	240	285	65	310	M16	25	-	415	282
SIL212-16/22	22000	91.3	0.85	2900	40.7	125	175	182	226	-	-	291	620	892	240	285	65	310	M16	25	-	370	205
SIL212-17/37	37000	92.5	0.89	2900	65	125	175	182	226	-	-	305	620	949	240	285	65	310	M16	25	-	415	313
SIL403-14/0.25	250	74	0.64	1450	0.69	32	100	112	124	110	110	-	320	388	120	132	68	155	M10	20	90	164	36
SIL403-15/0.37	370	76.1	0.71	1450	1.06	32	100	112	124	110	110	-	320	388	120	132	68	155	M10	20	90	164	36
SIL403-17/0.55	550	78.1	0.66	1450	1.4	32	100	112	124	123	123	-	320	423	120	132	68	155	M10	20	90	185	42
SIL404-14/0.25	250	74	0.64	1450	0.69	40	82	113	129	110	110	-	340	402	130	149	58	170	M10	20	95	164	38
SIL404-15/0.37	370	76.1	0.71	1450	1.06	40	82	113	129	110	110	-	340	402	130	149	58	170	M10	20	95	164	38
SIL404-16/0.55	550	78.1	0.66	1450	1.4	40	82	113	129	123	123	-	340	437	130	149	58	170	M10	20	95	185	42
SIL404-17/0.75	750	79.6	0.72	1450	1.9	40	82	113	129	123	123	-	340	451	130	149	58	170	M10	20	95	185	45
SIL404-21/1.1	1100	81.4	0.77	1450	2.55	40	110	145	149	-	-	151	440	457	180	172	78	190	M10	20	100	193	60
SIL404-22/1.5	1500	82.8	0.75	1450	3.4	40	110	145	149	-	-	151	440	484	180	172	78	190	M10	20	100	193	61
SIL405-15/0.55	550	78.1	0.66	1450	1.4	50	103	120	138	123	123	-	340	443	164	143	48	170	M10	20	100	185	45

ELECTRICAL AND DIMENSIONAL FEATURES

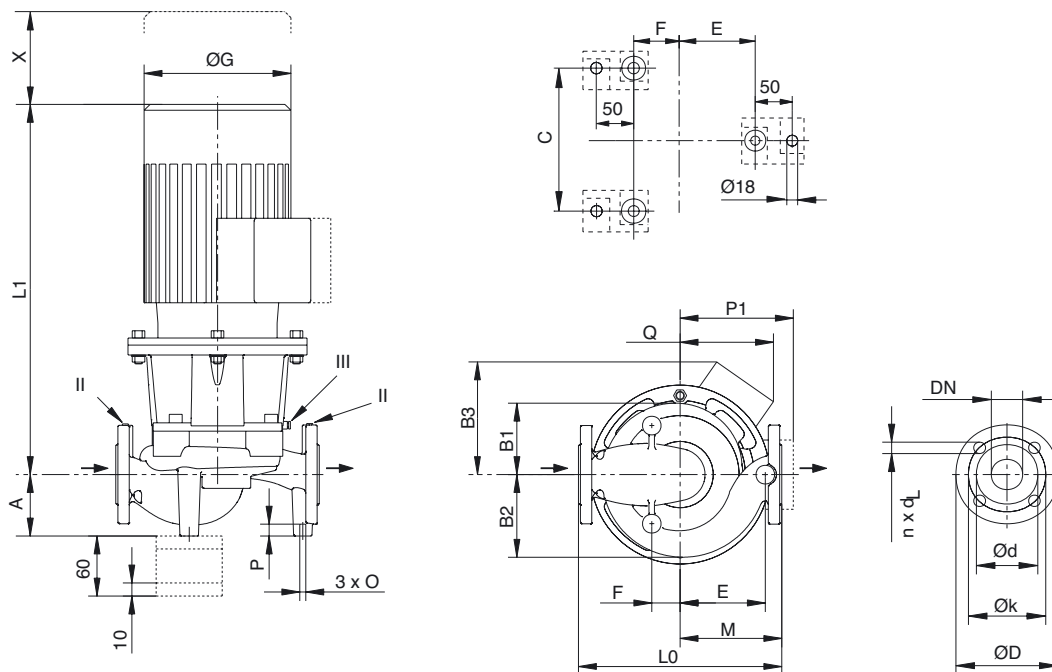


DN	ØD	Øk	Ød	holes
	mm	mm	mm	n x Ø
32	140	100	76	4 x 19
40	150	110	84	4 x 19
50	165	125	99	4 x 19
50	165	125	99	4 x 19
65	185	145	118	4 x 19
80	200	160	132	8 x 19
100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23



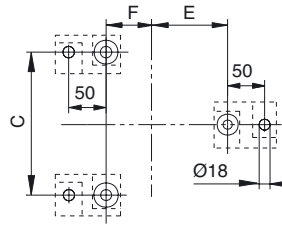
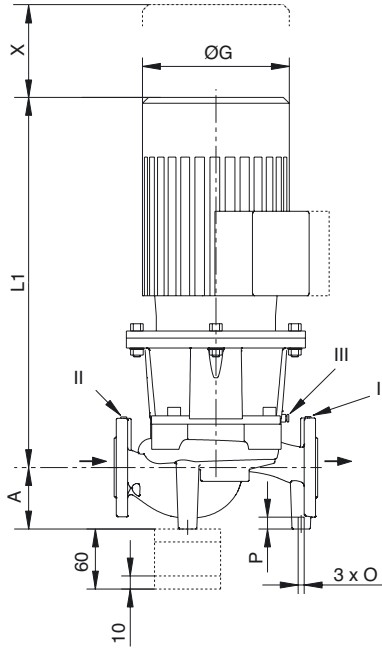
Product reference	MOTOR					PUMP															mass			
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P		X	ØG	
	P2	η	cos φ	rpm	in A		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm	mm
	W																							
SIL405-16/0.75	750	79.6	0.72	1450	1.9	50	103	120	138	123	123	-	340	457	164	143	48	170	M10	20	100	185	49	
SIL405-17/1.1	1100	81.4	0.77	1450	2.55	50	103	120	138	144	144	-	340	469	164	143	48	170	M10	20	100	193	55	
SIL405-20/1.5	1500	82.8	0.75	1450	3.4	50	120	145	150	-	-	151	440	485	160	170	70	190	M10	20	100	193	65	
SIL405-22/2.2	2200	84.3	0.73	1450	5	50	120	145	150	-	-	160	440	541	160	170	70	190	M10	20	100	217	77	
SIL405-26/3	3000	85.5	0.75	1450	6.6	50	122	174	178	-	-	168	440	602	200	200	70	220	M10	20	120	220	86	
SIL405-27/3	3000	85.5	0.75	1450	6.6	50	122	174	178	-	-	168	440	602	200	200	70	220	M10	20	120	220	86	
SIL405-27/4	4000	86.6	0.79	1450	8.4	50	122	174	178	-	-	188	440	645	200	200	70	220	M10	20	120	246	93	
SIL 406-12/0.55	550	78.1	0.66	1450	1.4	65	120	112	134	-	-	-	340	440	140	140	60	160	M12	20	110	185	46	
SIL 406-13/0.75	750	79.6	0.72	1450	1.9	65	120	112	134	-	-	-	340	454	140	140	60	160	M12	20	110	185	46	
SIL 406-14/1.1	1100	81.4	0.77	1450	2.55	65	120	112	134	-	-	-	340	466	140	140	60	160	M12	20	110	193	51	
SIL406-15/0.75	750	79.6	0.72	1450	1.9	65	110	126	146	123	123	-	430	463	180	195	60	215	M12	20	120	185	54	
SIL406-16/1.1	1100	81.4	0.77	1450	2.55	65	110	126	146	144	144	-	430	475	180	195	60	215	M12	20	120	193	60	
SIL406-17/1.1	1100	81.4	0.77	1450	2.55	65	110	126	146	144	144	-	430	475	180	195	60	215	M12	20	120	193	62	
SIL406-17/1.5	1500	82.8	0.75	1450	3.4	65	110	126	146	144	144	-	430	502	180	195	60	215	M12	20	120	193	60	
SIL406-21/2.2	2200	84.3	0.73	1450	5	65	130	150	168	-	-	160	475	550	200	225	50	245	M12	20	110	217	80	
SIL406-22/2.2	2200	84.3	0.73	1450	5	65	130	150	168	-	-	160	475	550	200	225	50	245	M12	20	110	217	80	
SIL406-22/3	3000	85.5	0.75	1450	6.6	65	130	150	168	-	-	168	475	585	200	225	50	245	M12	20	110	220	83	
SIL406-25/3	3000	85.5	0.75	1450	6.6	65	140	174	187	-	-	168	475	606	200	215	80	235	M12	20	120	220	89	
SIL406-25/4	4000	86.6	0.79	1450	8.4	65	140	174	187	-	-	188	475	649	200	215	80	235	M12	20	120	246	96	
SIL406-27/4	4000	86.6	0.79	1450	8.4	65	140	174	187	-	-	188	475	649	200	215	80	235	M12	20	120	246	96	
SIL406-27/5.5	5500	87.7	0.78	1450	11.3	65	140	174	187	-	-	188	475	650	200	215	80	235	M12	20	120	279	119	
SIL408-14.5/1.1	1100	81.4	0.77	1450	2.55	80	120	136	162	144	144	-	440	473	180	173	72	200	M12	20	120	193	68	
SIL408-15/1.1	1100	81.4	0.77	1450	2.55	80	120	136	162	144	144	-	440	473	180	173	72	200	M12	20	120	193	68	

ELECTRICAL AND DIMENSIONAL FEATURES

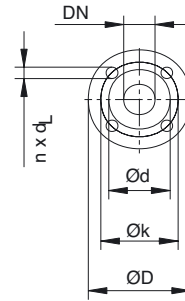
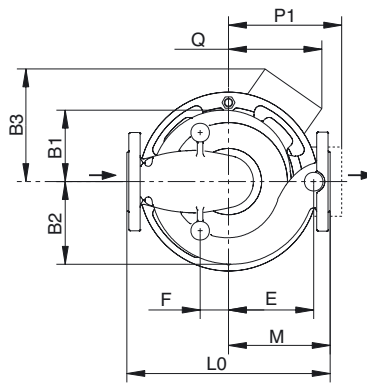


Product reference	MOTOR					PUMP															mass		
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P		X	ØG
	P2	η	cos φ	rpm	in A		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm
	W						mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm		mm	mm
SIL408-16/1.5	1500	82.8	0.75	1450	3.4	80	120	136	162	144	144	-	440	500	180	173	72	200	M12	20	120	193	68
SIL408-17/2.2	2200	84.3	0.73	1450	5	80	120	136	162	150	150	-	440	556	180	173	72	200	M12	20	120	217	81,3
SIL408-21/3	3000	85.5	0.75	1450	6.6	80	145	157	182	-	-	168	500	593	220	208	62	230	M12	20	120	220	93
SIL408-22/4	4000	86.6	0.79	1450	8.4	80	145	157	182	-	-	188	500	636	220	208	62	230	M12	20	120	246	97
SIL408-27/5.5	5500	87.7	0.78	1450	11.3	80	125	180	202	-	-	188	500	637	240	223	102	245	M12	20	115	279	132
SIL410-14.5/1.1	1100	81.4	0.77	1450	2.55	100	120	159	197	144	144	-	500	508	200	226	60	250	M12	20	135	193	81
SIL410-15/1.5	1500	82.8	0.75	1450	3.4	100	120	159	197	144	144	-	500	535	200	226	60	250	M12	20	135	193	81
SIL410-16/2.2	2200	84.3	0.73	1450	5	100	120	159	197	150	150	-	500	590	200	226	60	250	M12	20	135	217	98
SIL410-17/2.2	2200	84.3	0.73	1450	5	100	120	159	197	150	150	-	500	590	200	226	60	250	M12	20	135	217	90
SIL410-17/3	3000	85.5	0.75	1450	6.6	100	120	159	197	155	155	-	500	625	200	226	60	250	M12	20	135	220	96
SIL410-20/3	3000	85.5	0.75	1450	6.6	100	155	173	202	-	-	168	550	603	220	231	99	255	M12	20	120	220	103
SIL410-20/4	4000	86.6	0.79	1450	8.4	100	155	173	202	-	-	188	550	646	220	231	99	255	M12	20	120	246	110
SIL410-22/4	4000	86.6	0.79	1450	8.4	100	155	173	202	-	-	188	550	646	220	231	99	255	M12	20	120	246	110
SIL410-22/5.5	5500	87.7	0.78	1450	11.3	100	155	173	202	-	-	188	550	647	220	231	99	255	M12	20	120	279	134
SIL410-25/5.5	5500	87.7	0.78	1450	11.3	100	180	188	214	-	-	188	550	647	240	236	114	260	M12	20	120	279	146
SIL410-25/7.5	7500	88.7	0.81	1450	15	100	180	188	214	-	-	250	550	698	240	236	114	260	M12	20	120	312	157
SIL410-26/11	7500	88.7	0.81	1450	15	100	180	188	214	-	-	250	550	698	240	236	114	260	M12	20	120	312	159
SIL410-26/7.5	11000	89.8	0.79	1450	22.5	100	180	188	214	-	-	250	550	761	240	236	114	260	M12	20	120	320	187
SIL410-27/11	11000	89.8	0.79	1450	22.5	100	180	188	214	-	-	250	550	761	240	236	114	260	M12	20	120	320	188
SIL412-14.5/1.5	1500	82.8	0.75	1450	3.4	125	175	182	226	-	-	151	620	521	240	285	65	310	M16	25	60	193	103
SIL412-15/2.2	2200	84.3	0.73	1450	5	125	175	182	226	-	-	160	620	577	240	285	65	310	M16	25	60	217	113
SIL412-16/3	3000	85.5	0.75	1450	6.6	125	175	182	226	-	-	168	620	612	240	285	65	310	M16	25	70	220	121
SIL412-17/4	4000	86.6	0.79	1450	8.4	125	175	182	226	-	-	188	620	655	240	285	65	310	M16	25	70	246	104

ELECTRICAL AND DIMENSIONAL FEATURES

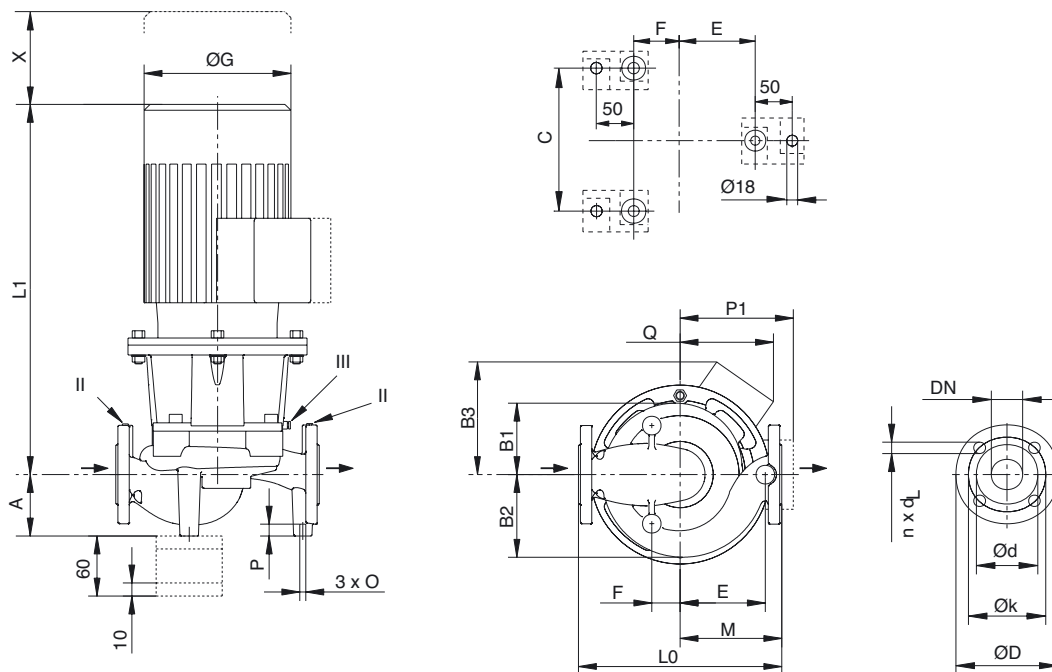


DN	ØD	Øk	Ød	holes
	mm	mm	mm	n x Ø
32	140	100	76	4 x 19
40	150	110	84	4 x 19
50	165	125	99	4 x 19
50	165	125	99	4 x 19
65	185	145	118	4 x 19
80	200	160	132	8 x 19
100	220	180	156	8 x 19
125	250	210	184	8 x 19
150	285	240	211	8 x 23
200	340	295	266	12 x 23



Product reference	MOTOR					PUMP																	mass
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P	X	ØG	
	P2	η	cos φ	rpm	in A		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
	W						mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
SIL412-19/4	4000	86.6	0.79	1450	8.4	125	175	177	212	-	-	188	620	658	280	266	54	280	M16	25	120	246	124
SIL412-21/5.5	5500	87.7	0.78	1450	11.3	125	175	177	212	-	-	188	620	659	280	266	54	280	M16	25	120	279	147
SIL412-22/5.5	5500	87.7	0.78	1450	11.3	125	175	177	212	-	-	188	620	659	280	266	54	280	M16	25	120	279	147
SIL412-22/7.5	7500	88.7	0.81	1450	15	125	175	177	212	-	-	250	620	710	280	266	54	280	M16	25	120	312	163
SIL412-25/11	11000	89.8	0.79	1450	22.5	125	200	232	264	-	-	250	620	774	250	254	125	280	M16	25	130	320	212
SIL412-27/11	11000	89.8	0.79	1450	22.5	125	200	232	264	-	-	250	620	774	250	254	125	280	M16	25	130	320	212
SIL412-27/15	15000	90.6	0.83	1450	28.8	125	200	232	264	-	-	250	620	814	250	254	125	280	M16	25	130	320	235
SIL412-30/15	15000	90.6	0.83	1450	28.8	125	185	238	270	-	-	250	700	840	280	315	140	340	M16	25	140	320	267
SIL412-30/18.5	18500	91.2	0.8	1450	37.3	125	185	238	270	-	-	258	700	924	280	315	140	340	M16	25	140	370	291
SIL412-32/18.5	18500	91.2	0.8	1450	37.3	125	185	238	270	-	-	258	700	924	280	315	140	340	M16	25	140	370	291
SIL412-32/22	22000	91.6	0.84	1450	41.5	125	185	238	270	-	-	258	700	924	280	315	140	340	M16	25	140	370	307
SIL412-34/22	22000	91.6	0.84	1450	41.5	125	185	238	270	-	-	258	700	924	280	315	140	340	M16	25	140	370	307
SIL412-34/30	30000	92.3	0.85	1450	55.7	125	185	238	270	-	-	305	700	981	280	315	140	340	M16	25	140	415	366
SIL415-19/5.5	5500	87.7	0.78	1450	11.3	150	200	202	249	-	-	188	700	672	260	284	116	310	M16	25	130	279	180
SIL415-20/7.5	7500	88.7	0.81	1450	15	150	200	202	249	-	-	250	700	723	260	284	116	310	M16	25	130	312	194
SIL415-22/11	11000	89.8	0.79	1450	22.5	150	200	202	249	-	-	250	700	786	260	284	116	310	M16	25	130	320	220
SIL415-25/15	15000	90.6	0.83	1450	28.8	150	230	278	320	-	-	250	700	845	288	304	146	330	M16	25	135	320	296
SIL415-26/15	15000	90.6	0.83	1450	28.8	150	230	278	320	-	-	250	700	845	288	304	146	330	M16	25	135	320	296
SIL415-26/18.5	18500	91.2	0.8	1450	37.3	150	230	278	320	-	-	258	700	929	288	304	146	330	M16	25	135	370	319
SIL415-27/18.5	18500	91.2	0.8	1450	37.3	150	230	278	320	-	-	258	700	929	288	304	146	330	M16	25	135	370	319
SIL415-27/22	22000	91.6	0.84	1450	41.5	150	230	278	320	-	-	258	700	929	288	304	146	330	M16	25	135	370	335
SIL415-30.5/30	30000	92.3	0.85	1450	55.7	150	230	300	337	-	-	305	770	994	300	359	135	385	M16	25	120	415	422

ELECTRICAL AND DIMENSIONAL FEATURES



Product reference	MOTOR					PUMP																	mass
	Nominal motor power	Motor performance %	Power factor	Rotation speed	Nominal current (approx.)	DN	A	B1	B2	B3	Q	P1	L0	L1	C	E	F	M	O	P	X	ØG	
	P2	η	cos φ	rpm	in A																		
	W					mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
SIL415-32.5/30	30000	92.3	0.85	1450	55.7	150	230	300	337	-	-	305	770	994	300	359	135	385	M16	25	120	415	422
SIL415-32.5/37	37000	92.7	0.84	1450	69	150	230	300	337	-	-	325	770	1053	300	359	135	385	M16	25	150	456	567
SIL415-33.5/37	37000	92.7	0.84	1450	69	150	230	300	337	-	-	325	770	1053	300	359	135	385	M16	25	150	456	534
SIL415-33.5/45	45000	93.1	0.83	1450	83.3	150	230	300	337	-	-	325	770	1113	300	359	135	385	M16	25	150	456	567
SIL420-23/11	11000	89.8	0.79	1450	22.5	200	245	281	362	-	-	250	800	830	330	270	165	370	M16	25	140	320	334
SIL420-24/15	15000	90.6	0.83	1450	28.8	200	245	281	362	-	-	250	800	870	330	270	165	370	M16	25	140	320	357
SIL420-25/18.5	18500	91.2	0.8	1450	37.3	200	245	281	362	-	-	258	800	954	330	270	165	370	M16	25	140	370	381
SIL420-26.5/22	22000	91.6	0.84	1450	41.5	200	245	281	362	-	-	258	800	954	330	270	165	370	M16	25	140	370	397
SIL420-26.5/30	30000	92.3	0.85	1450	55.7	200	245	281	362	-	-	305	800	1011	330	270	165	370	M16	25	140	415	455
SIL420-26/22	22000	91.6	0.84	1450	41.5	200	245	281	362	-	-	258	800	954	330	270	165	370	M16	25	140	370	397
SIL420-27/30	30000	92.3	0.85	1450	55.7	200	245	281	362	-	-	305	800	1011	330	270	165	370	M16	25	140	415	455
SIL420-30/37	37000	92.7	0.84	1450	69	200	245	322	370	-	-	325	820	1078	360	380	170	410	M16	35	150	456	608
SIL420-31.5/37	37000	92.7	0.84	1450	69	200	245	322	370	-	-	325	820	1078	360	380	170	410	M16	35	150	456	639
SIL420-33.5/37	37000	92.7	0.84	1450	69	200	245	322	370	-	-	325	820	1078	360	380	170	410	M16	35	150	456	609
SIL420-33.5/45	45000	93.1	0.83	1450	83.3	200	245	322	370	-	-	325	820	1138	360	380	170	410	M16	35	150	456	756
SIL420-34.5/45	45000	93.1	0.83	1450	83.3	200	245	322	370	-	-	325	820	1138	360	380	170	410	M16	35	150	456	640
SIL420-34.5/55	55000	93.5	0.85	1450	100	200	245	322	370	-	-	392	820	1306	360	380	170	410	M16	35	150	515	756
SIL620-24/7.5	7500	87.2	0.66	950	18.9	200	245	281	362	-	-	250	800	869	330	270	165	370	M16	25	140	312	349
SIL620-26/7.5	7500	87.2	0.66	950	18.9	200	245	281	362	-	-	250	800	869	330	270	165	370	M16	25	140	312	349
SIL620-27/11	11000	88.7	0.71	950	25.5	200	245	281	362	-	-	250	800	869	330	270	165	370	M16	25	140	312	356

