

ELINED

IN-LINE NORMALIZED ELECTROPUMPS

in cast iron



Twin in-line centrifugal electropumps with cast iron hydraulic components, single impeller, compliant with DIN 24255. Equipped with normalised motors.

APPLICATIONS

- Heating and air conditioning systems
- Refrigeration systems and domestic hot water
- Pressurisation
- Industrial: pumping of clean fluids without suspended abrasive particles, chemically neutral

FEATURES AND ADVANTAGES

- Mount directly to the line without support up to 3 kW power
- Very silent running
- Reduced footprint
- Easy to install/remove
- Low maintenance

OPTIONS/ACCESSORIES ON REQUEST

- Anti-condensation heating elements
- ATEX execution
- Temperature sensors (PT100), thermistors (PTC)
- Double speed
- Forced ventilation

PUMP SPECIFICATIONS

- Maximum operating pressure: 10 bar
- Fluid temperature: -10 - +120 °C (+140 °C on request)
- Admitted fluid: clean, chemically neutral, no suspension
- Flange (delivery and intake): DN 40 - DN 200
- MEI > 0.1

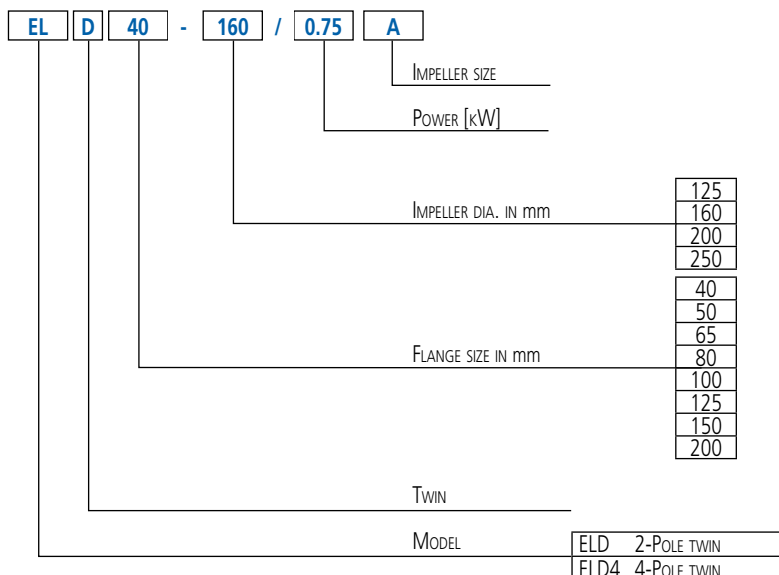
MOTOR SPECIFICATIONS

- 2/4-pole asynchronous three-phase motor
- Insulation class: F
- Protection rating: IP55
- Rotary speed: 1450 – 2900 rpm
- Ambient temperature: 40 °C
- Voltage:
 - 3~230/400V ±10% (for power ≤ 4 kW)
 - 3~400/690V ±10% (for power > 4 kW)
- Frequency: 50 Hz (60Hz on request)

MATERIALS

- Pump body and bellhousing in cast iron (GG-25)
- Cast iron impeller (GG-20)
- AISI 316 stainless steel shaft
- Graphite/ceramic mechanical seal
- Gasket/O-ring in paper/NBR

CODE





ELINED

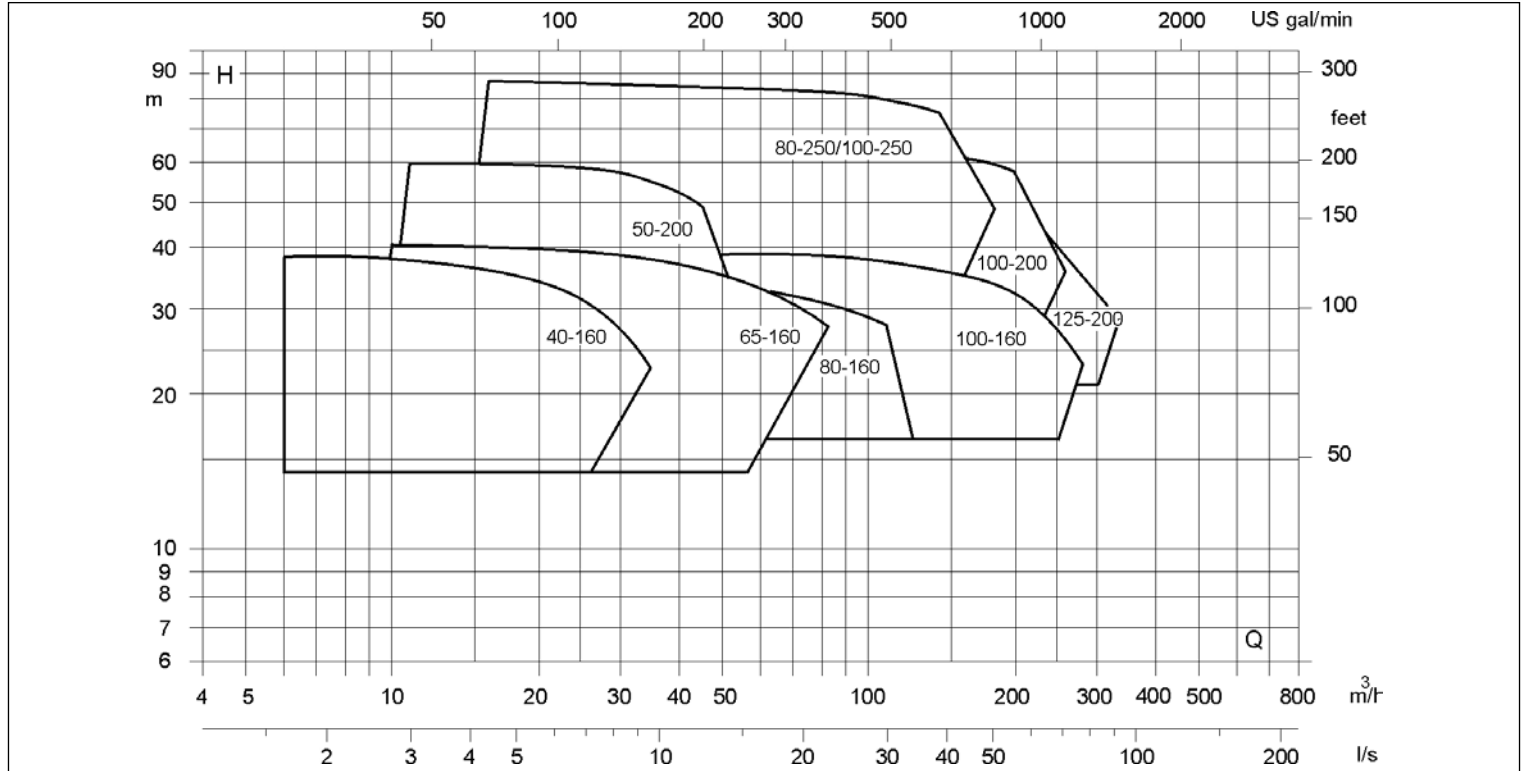
IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

PERFORMANCE RANGE ELINED

(ISO 9906 Annex A)

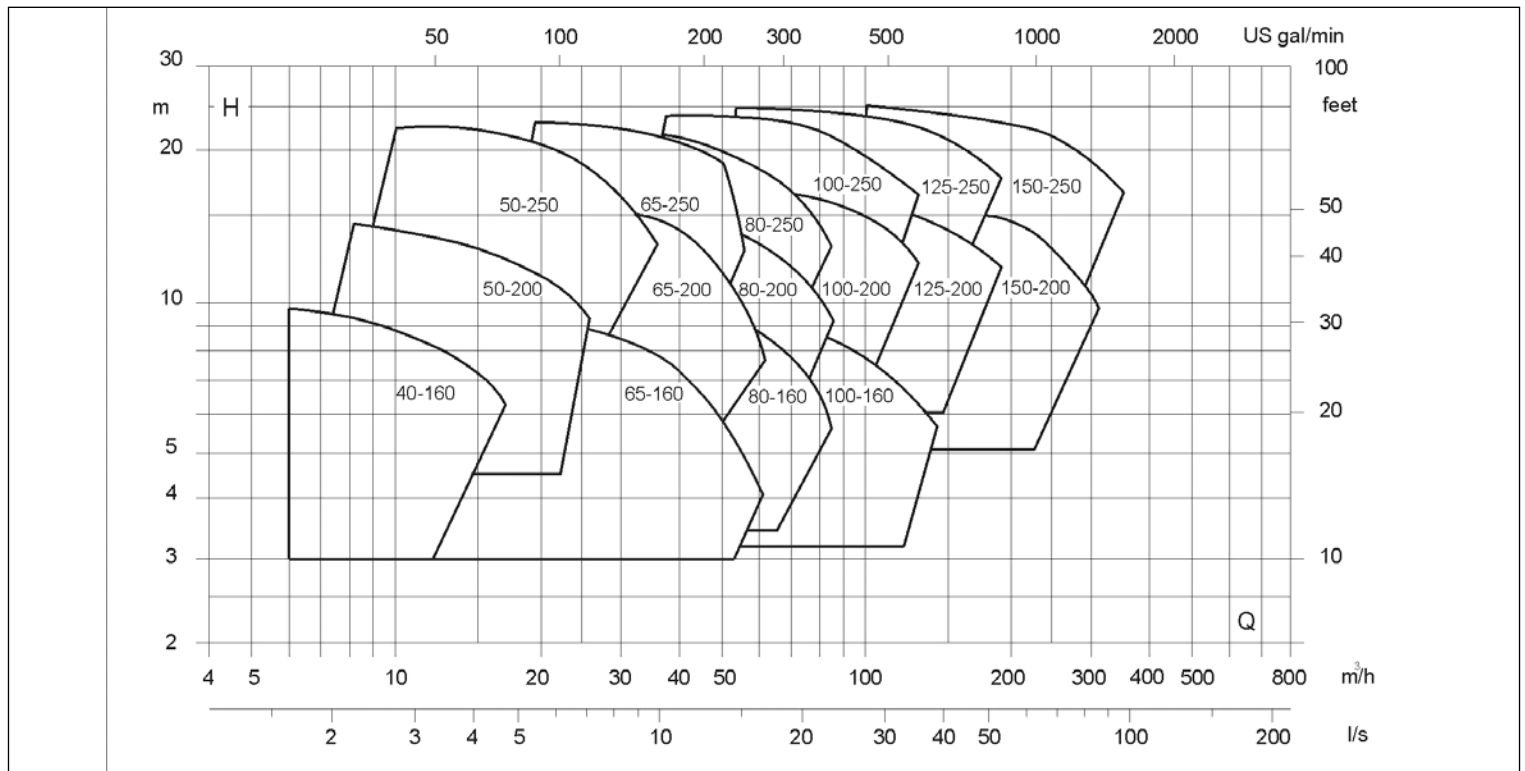
2-Pole



PERFORMANCE RANGE ELINED4

(ISO 9906 Annex A)

4-Pole



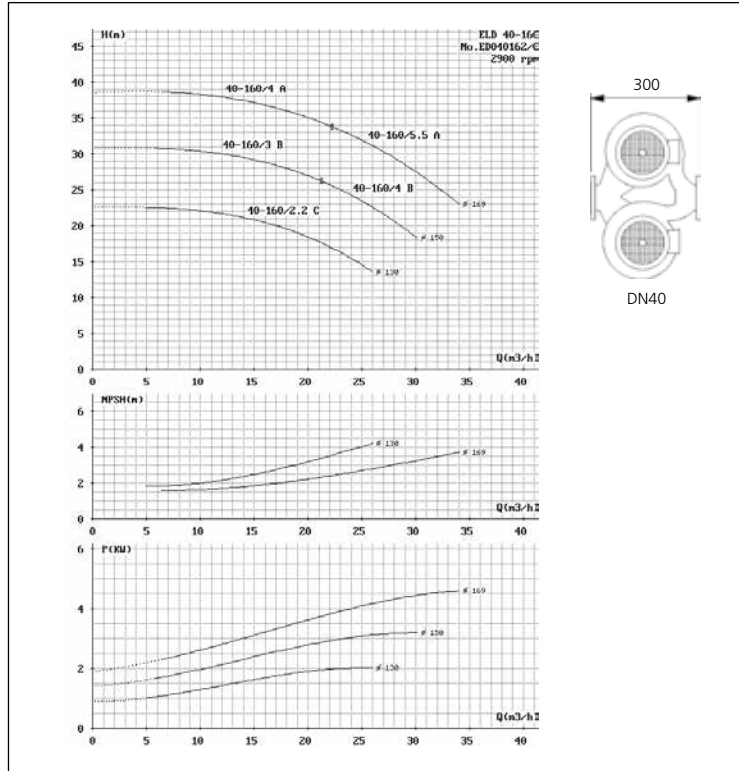
Selection table from page 173

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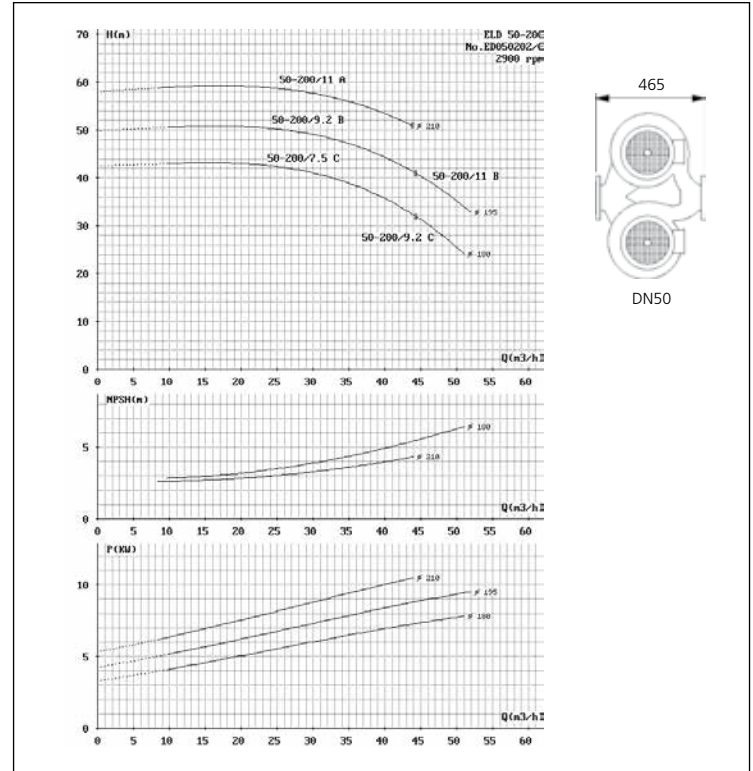
PERFORMANCE CURVES for ELINED 40-160
(ISO 9906 Annex A)

2-Pole



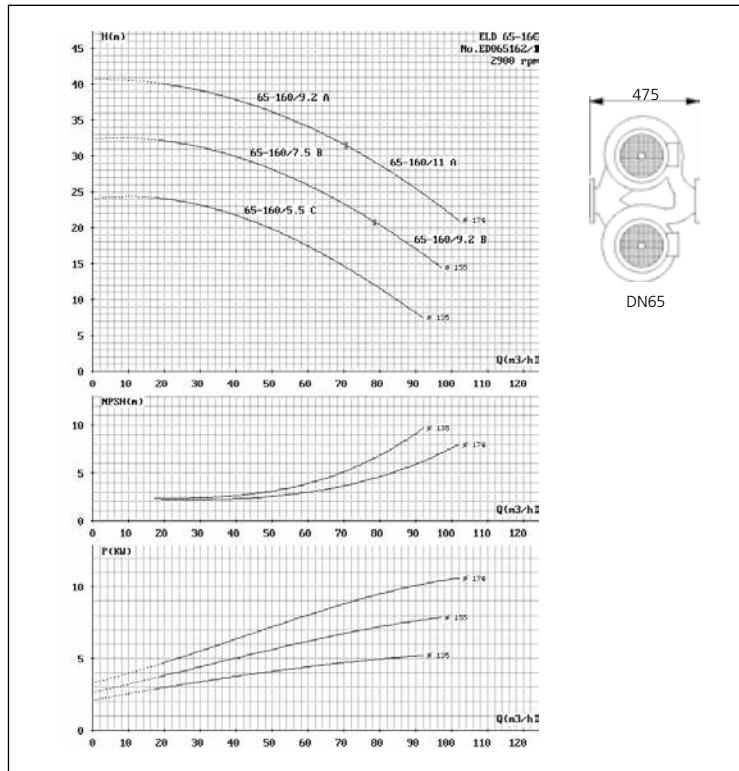
PERFORMANCE CURVES for ELINED 50-200
(ISO 9906 Annex A)

2-Pole



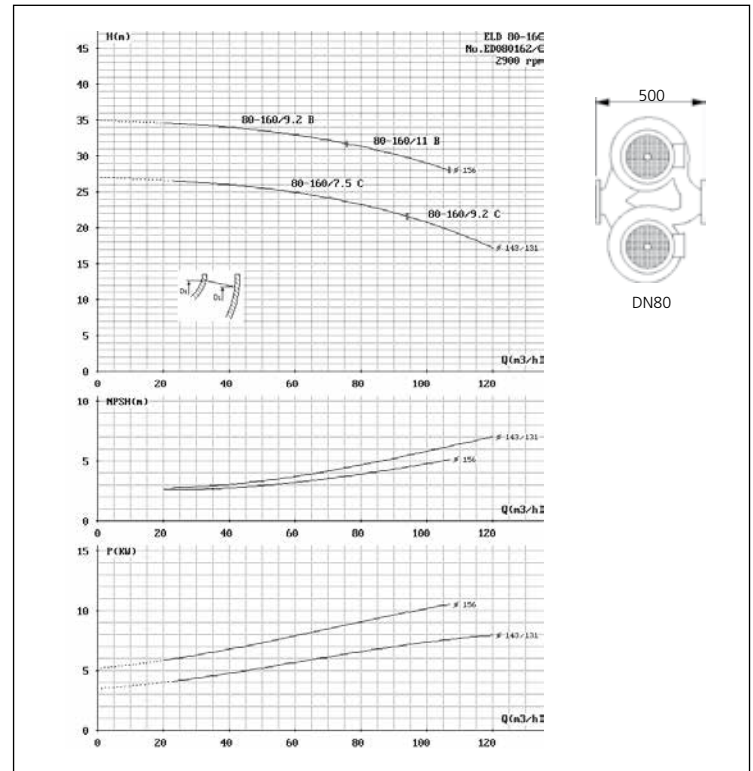
PERFORMANCE CURVES for ELINED 65-160
(ISO 9906 Annex A)

2-Pole



PERFORMANCE CURVES for ELINED 80-160
(ISO 9906 Annex A)

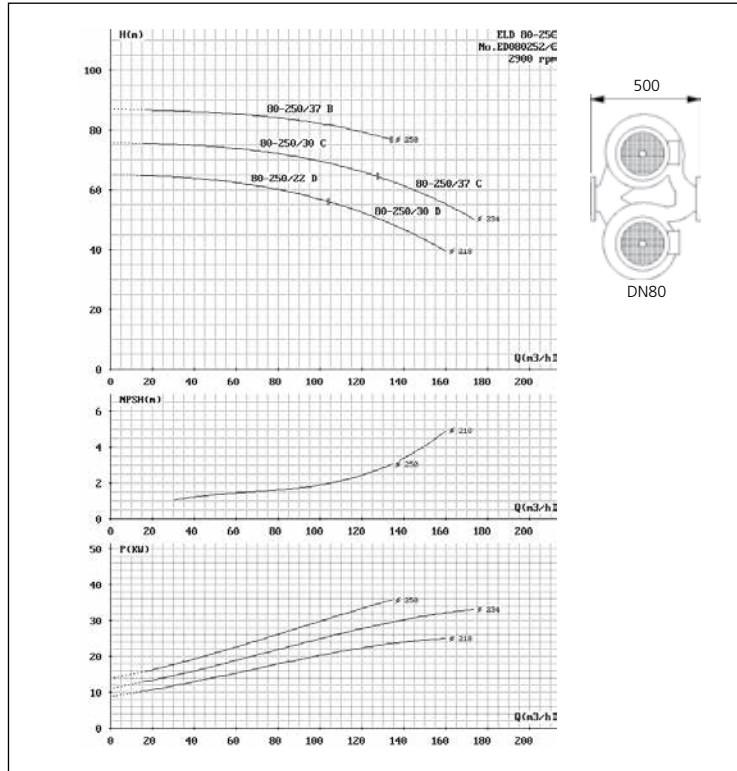
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IN-LINE NORMALIZED ELECTROPUMPS in cast iron

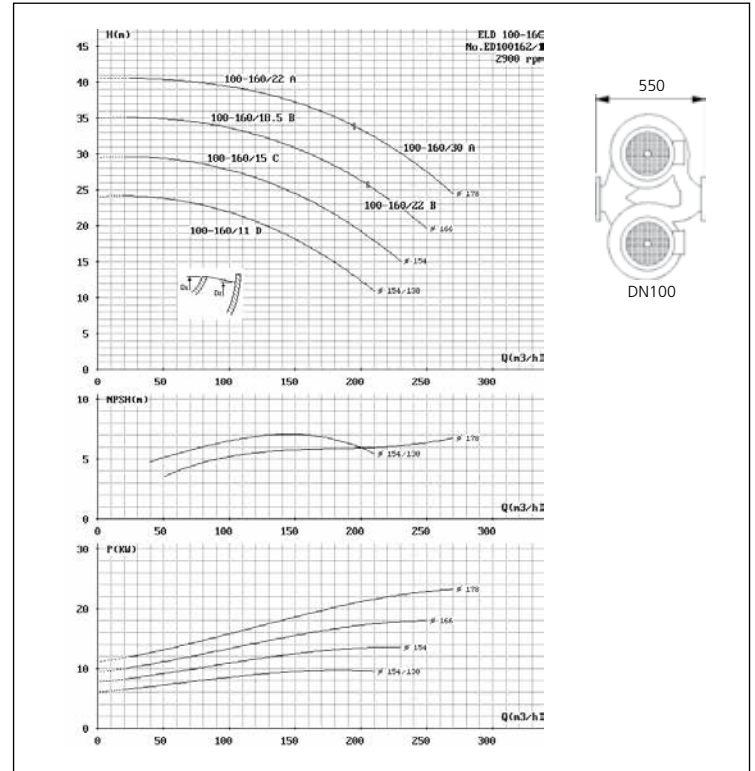
PERFORMANCE CURVES for ELINED 80-250
(ISO 9906 Annex A)

2-Pole



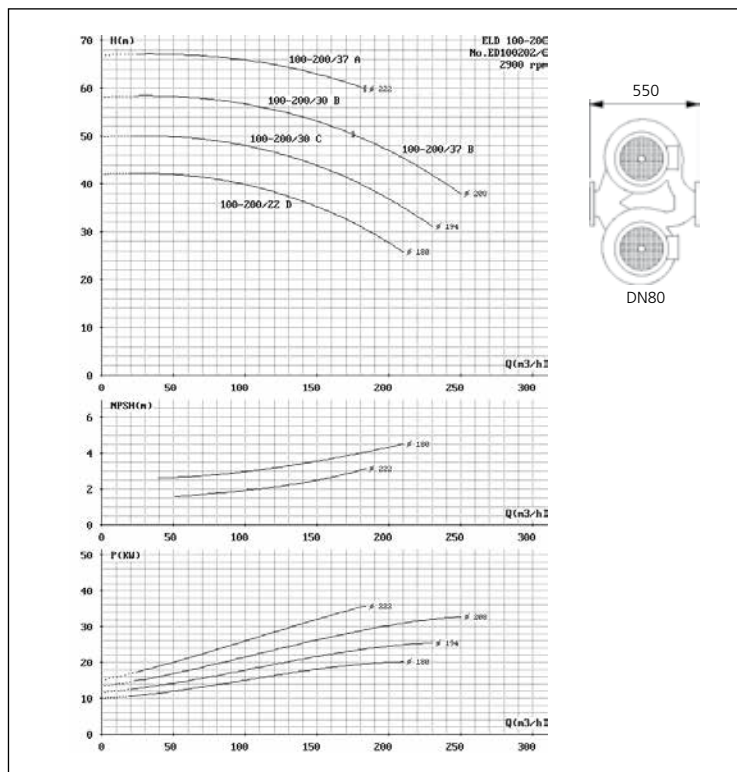
PERFORMANCE CURVES for ELINED 100-160
(ISO 9906 Annex A)

2-Pole



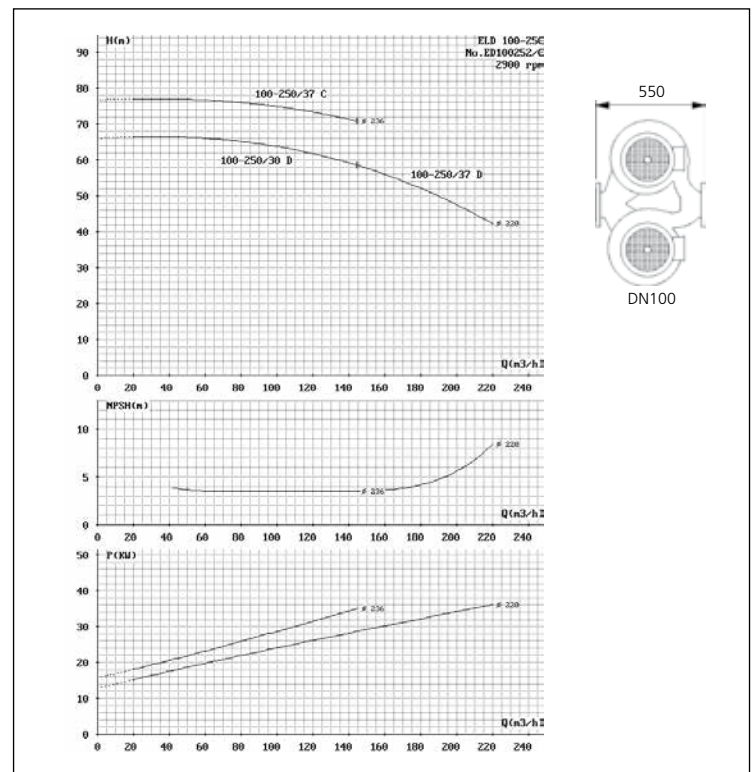
PERFORMANCE CURVES for ELINED 100-200
(ISO 9906 Annex A)

2-Pole



PERFORMANCE CURVES for ELINED 100-250
(ISO 9906 Annex A)

2-Pole



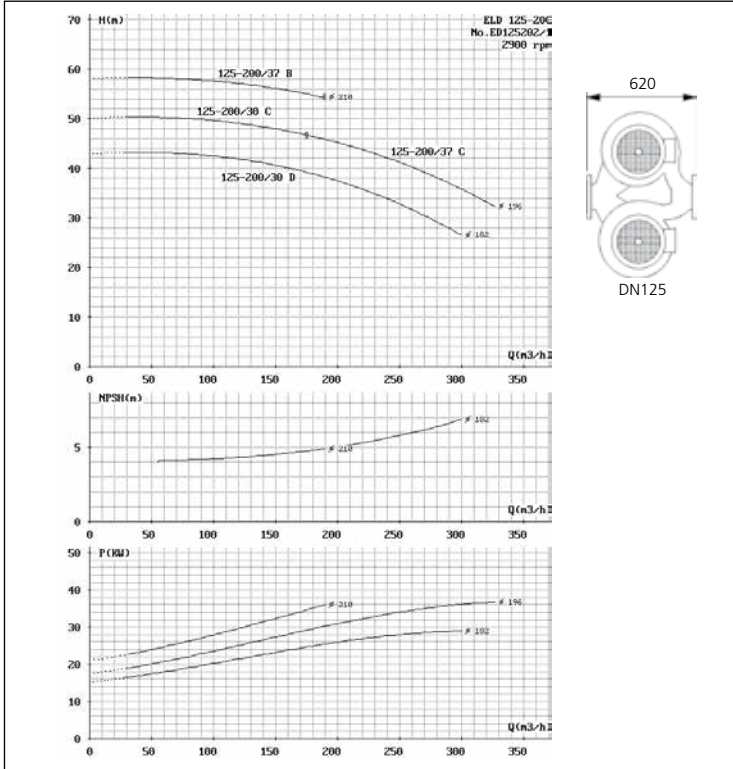


ELINED

IN-LINE NORMALIZED ELECTROPUMPS in cast iron

PERFORMANCE CURVES for ELINED 125-200 (ISO 9906 Annex A)

2-Pole

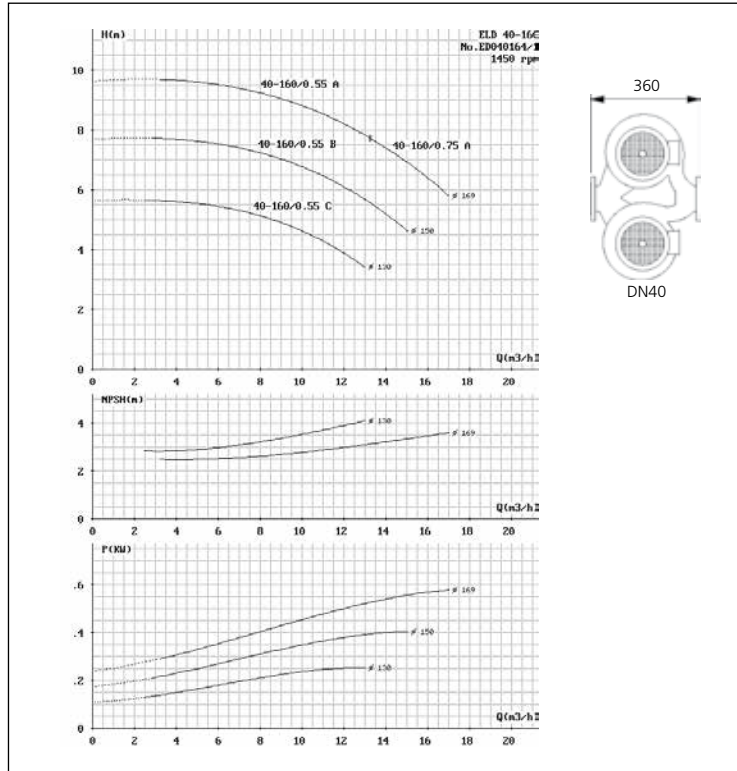


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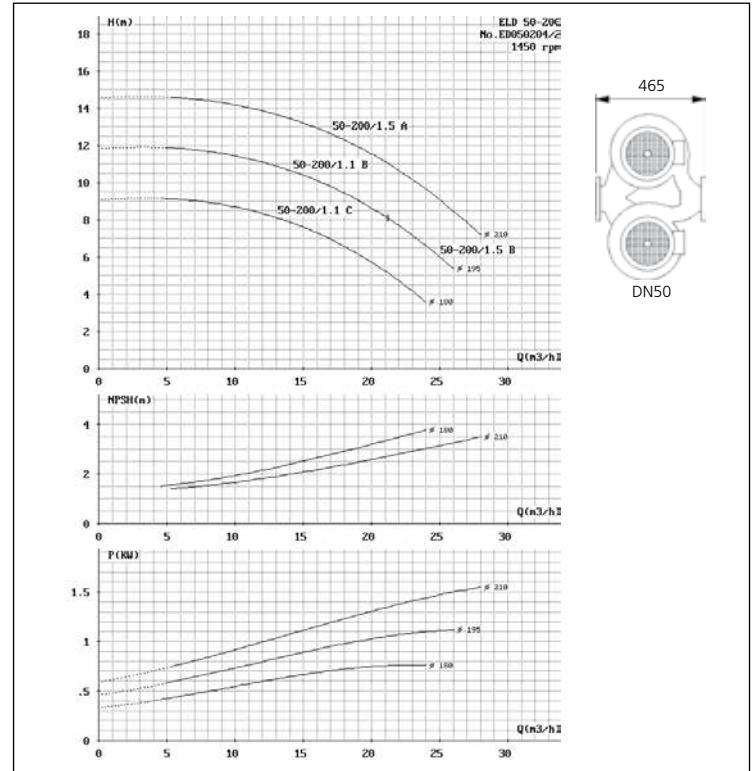
PERFORMANCE CURVES for ELINED4 40-160
(ISO 9906 Annex A)

4-Pole



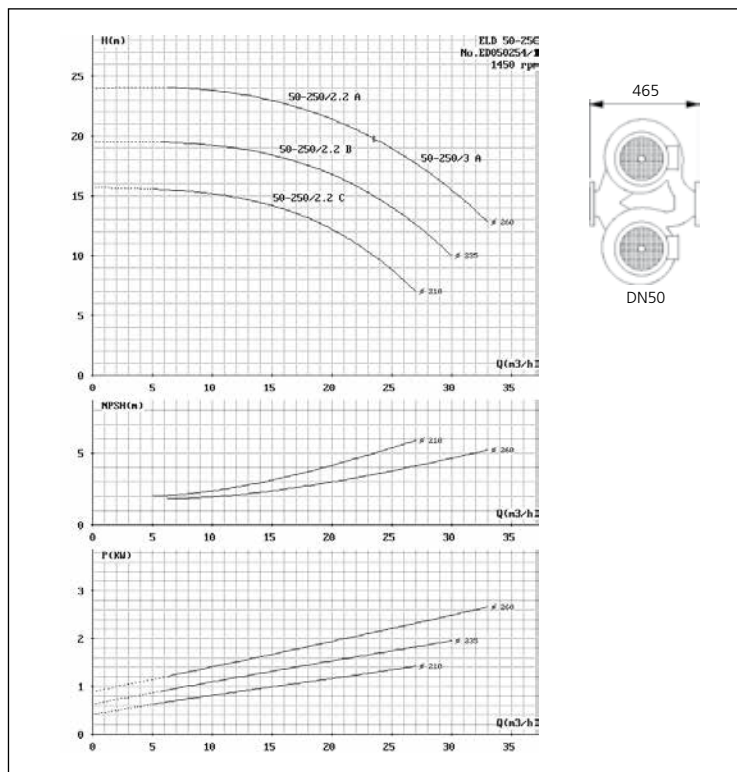
PERFORMANCE CURVES for ELINED4 50-200
(ISO 9906 Annex A)

4-Pole



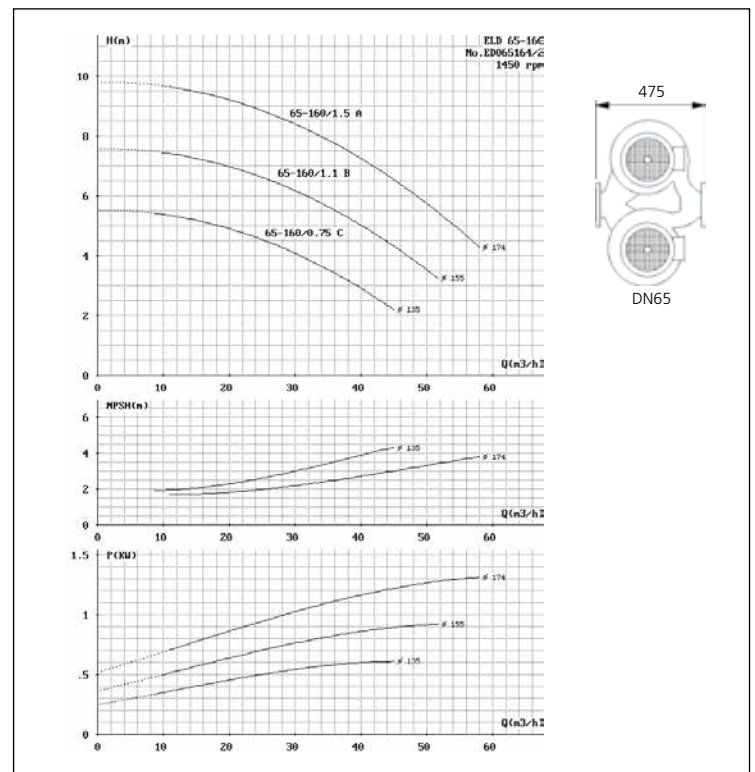
PERFORMANCE CURVES for ELINED4 50-250
(ISO 9906 Annex A)

4-Pole



PERFORMANCE CURVES for ELINED4 65-160
(ISO 9906 Annex A)

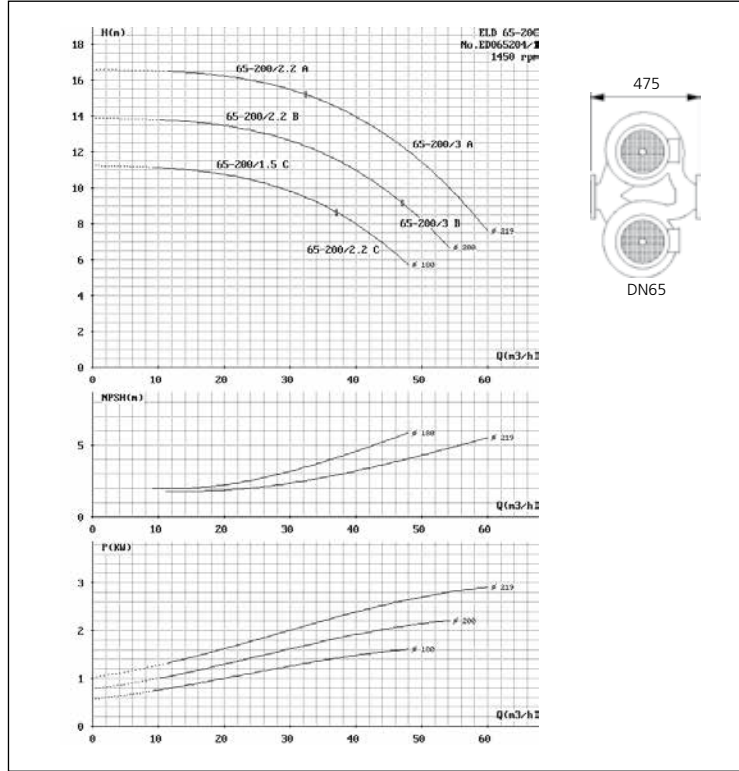
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IN-LINE NORMALIZED ELECTROPUMPS in cast iron

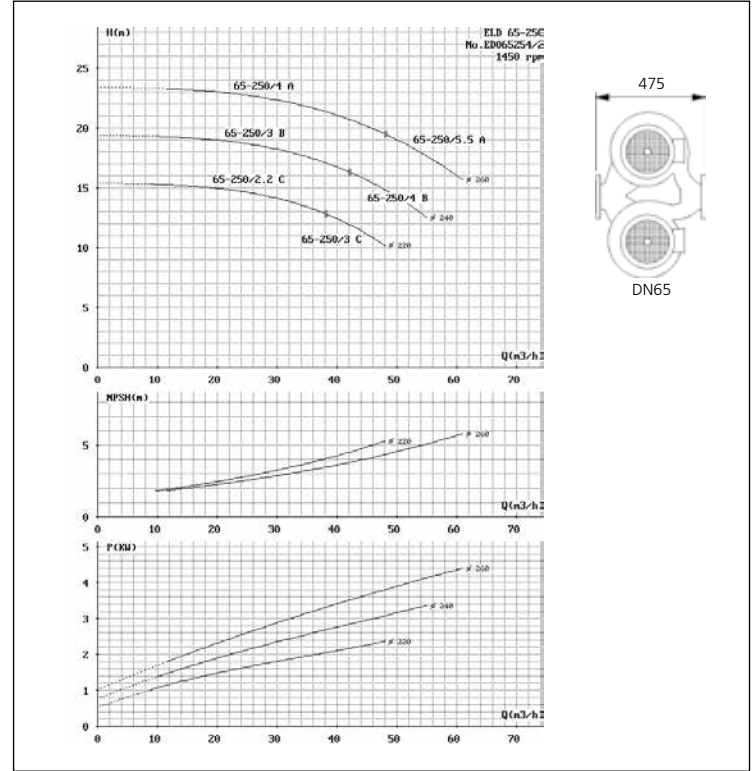
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(ISO 9906 Annex A)

4-Pole



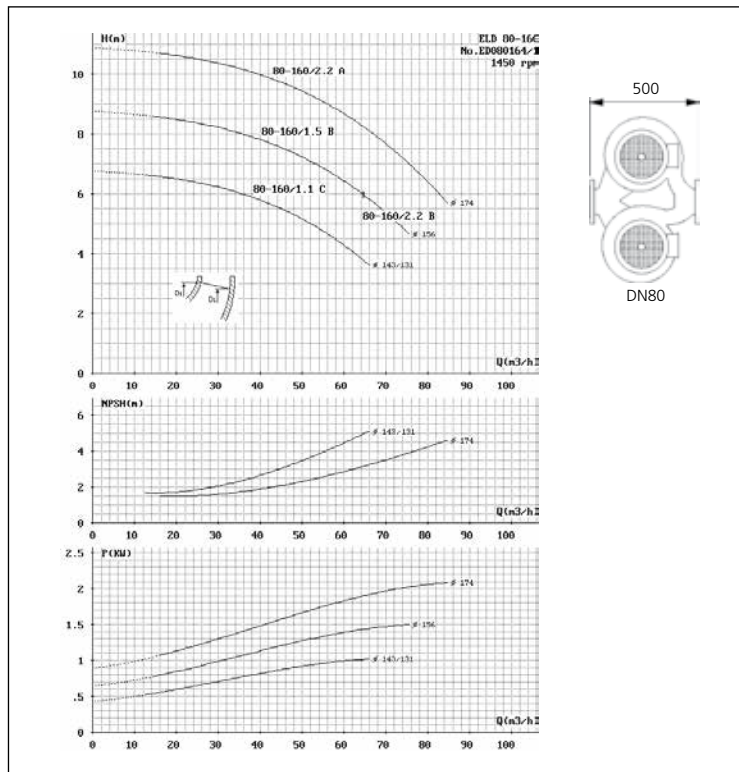
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(ISO 9906 Annex A)

4-Pole



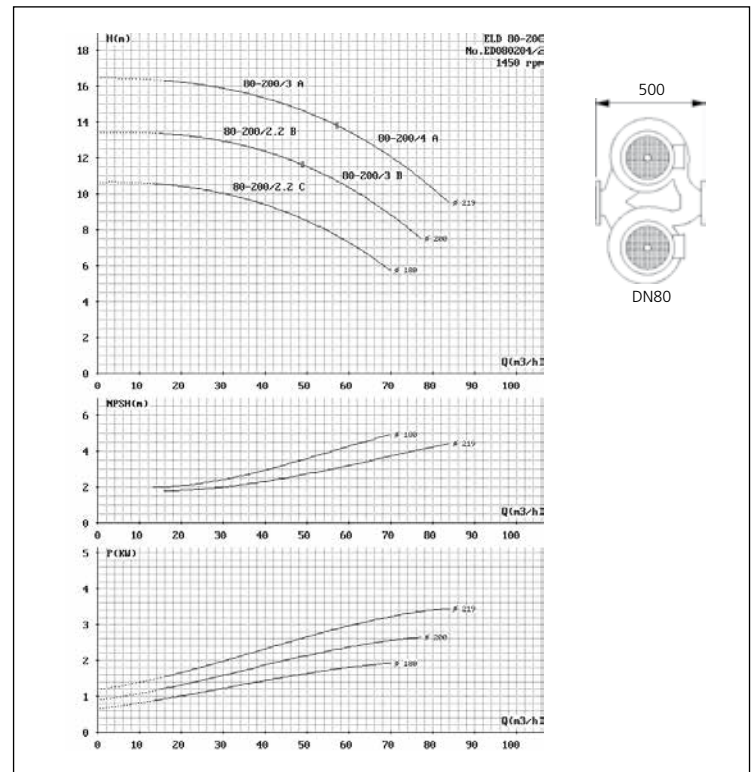
PERFORMANCE CURVES for ELINED4 80-160
(ISO 9906 Annex A)

4-Pole



PERFORMANCE CURVES for ELINED4 80-200
(ISO 9906 Annex A)

4-Pole

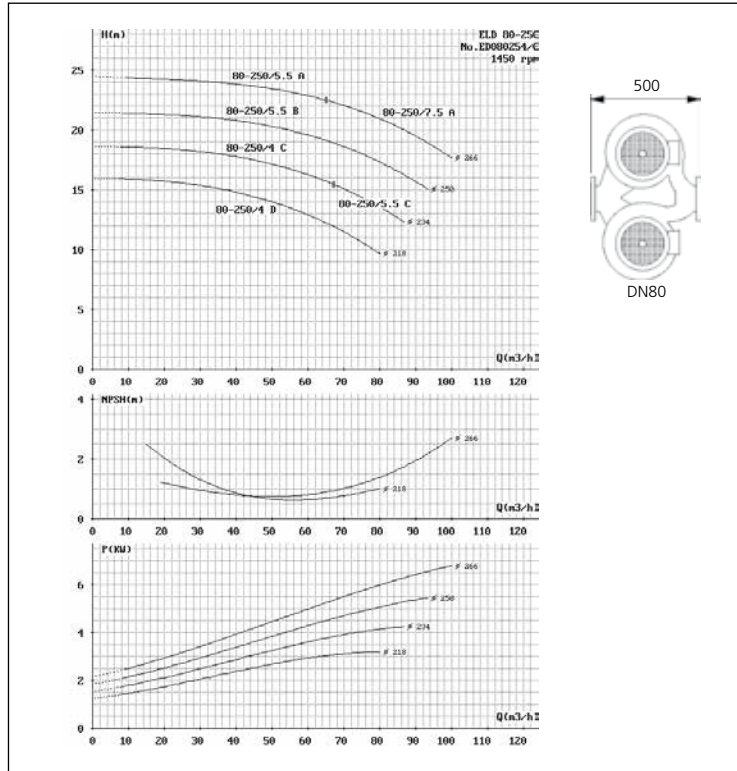


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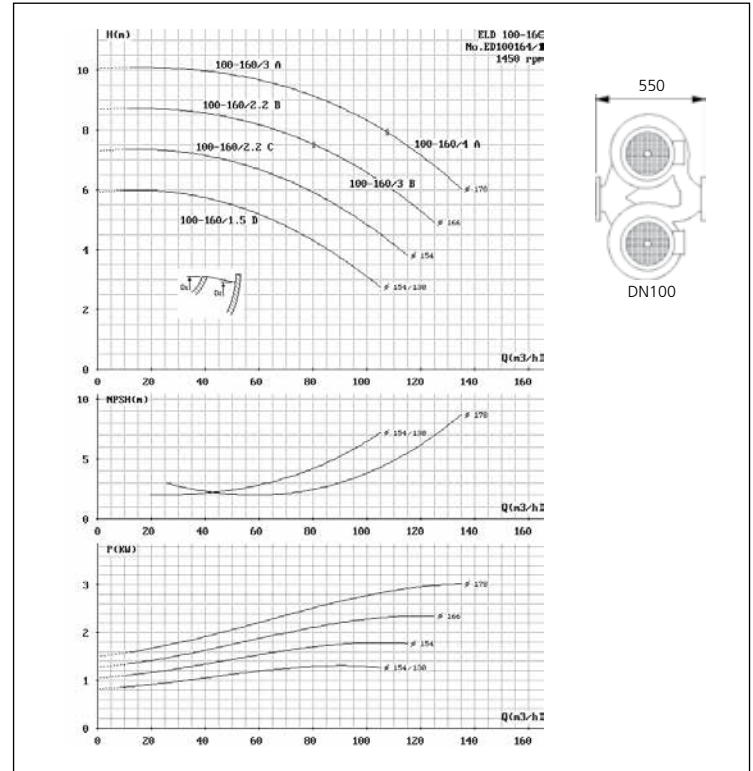
PERFORMANCE CURVES for ELINED4 80-250
(ISO 9906 Annex A)

4-Pole



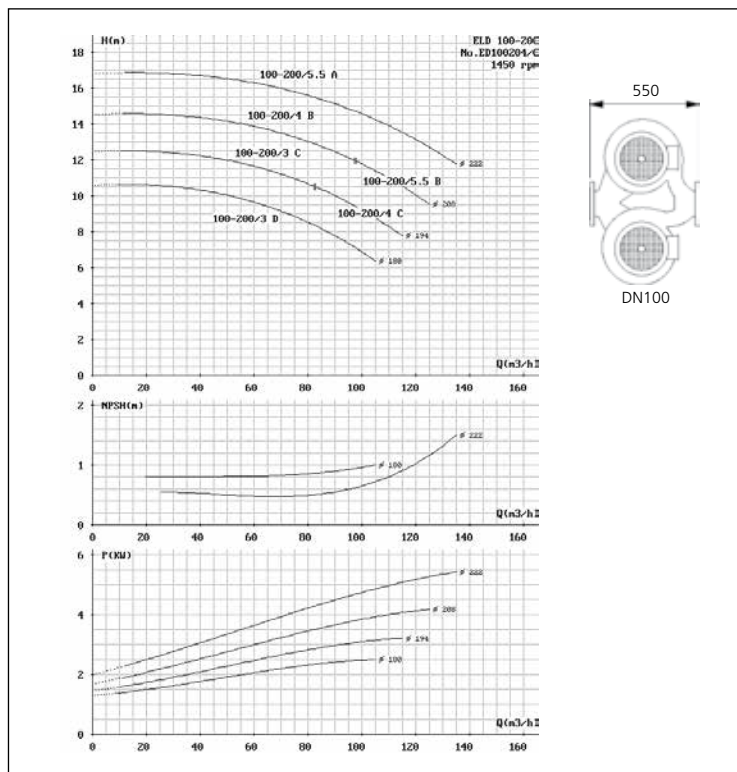
PERFORMANCE CURVES for ELINED4 100-160
(ISO 9906 Annex A)

4-Pole



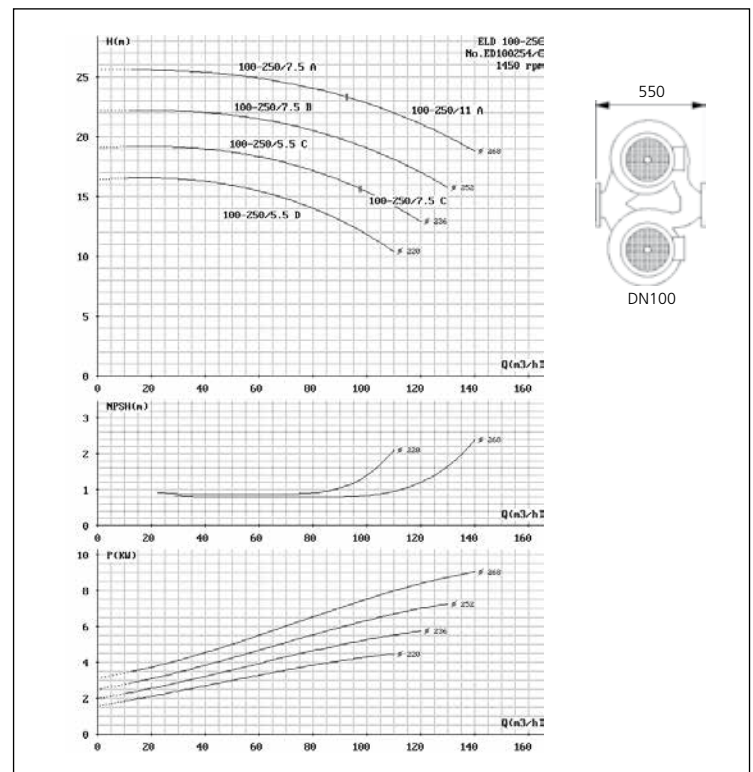
PERFORMANCE CURVES for ELINED4 100-200
(ISO 9906 Annex A)

4-Pole



PERFORMANCE CURVES for ELINED4 100-250
(ISO 9906 Annex A)

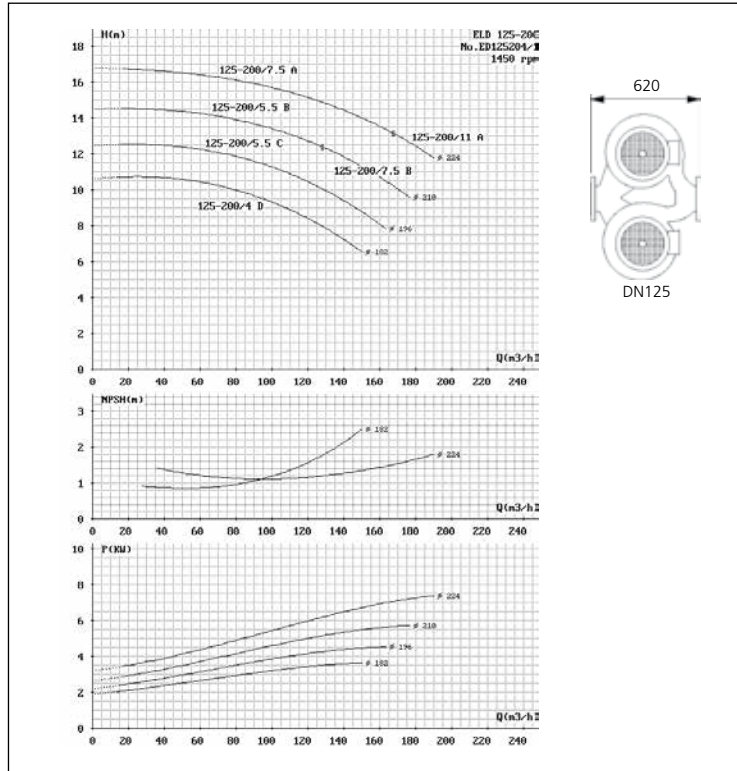
4-Pole



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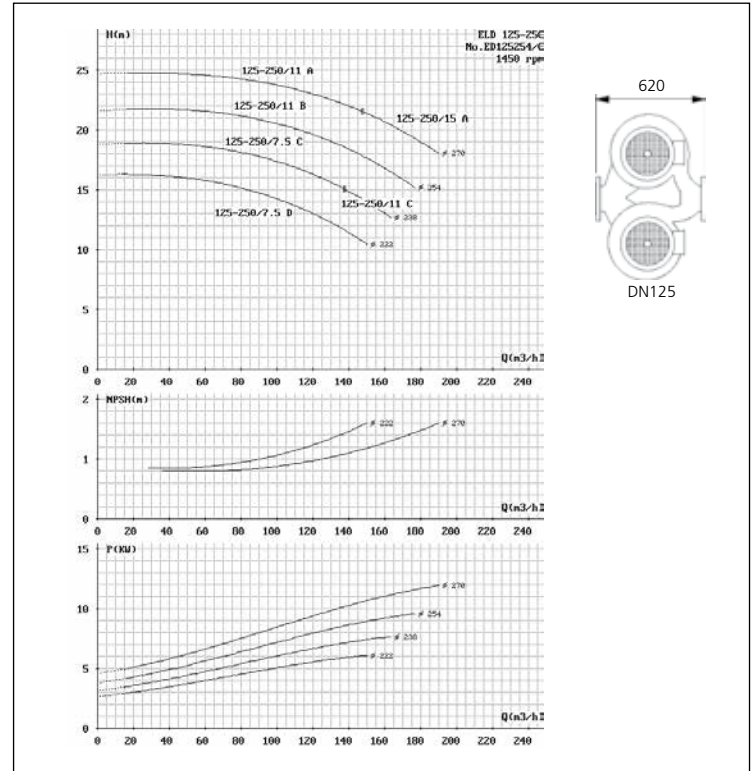
PERFORMANCE CURVES for ELINED4 125-200
(ISO 9906 Annex A)

4-Pole



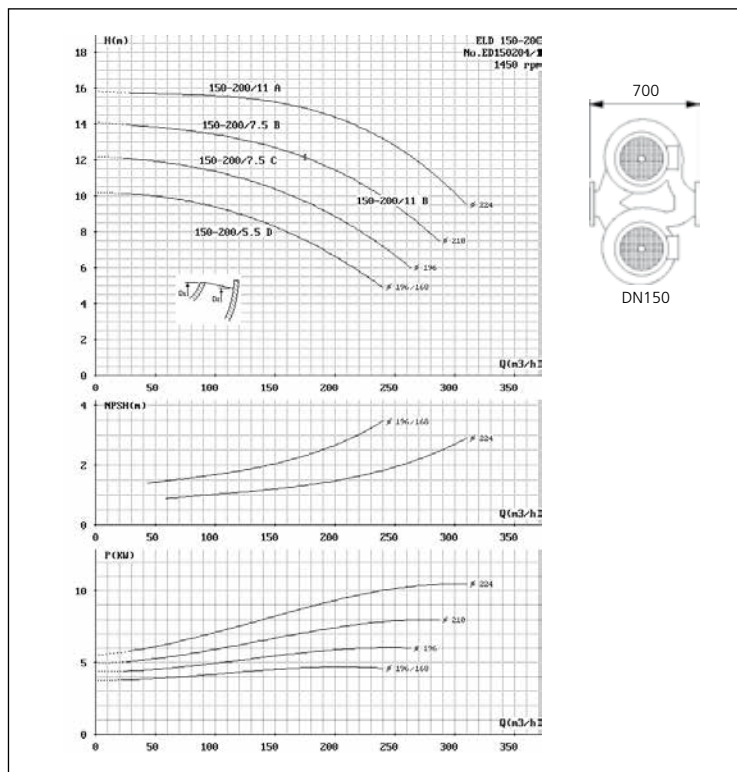
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(ISO 9906 Annex A)

4-Pole



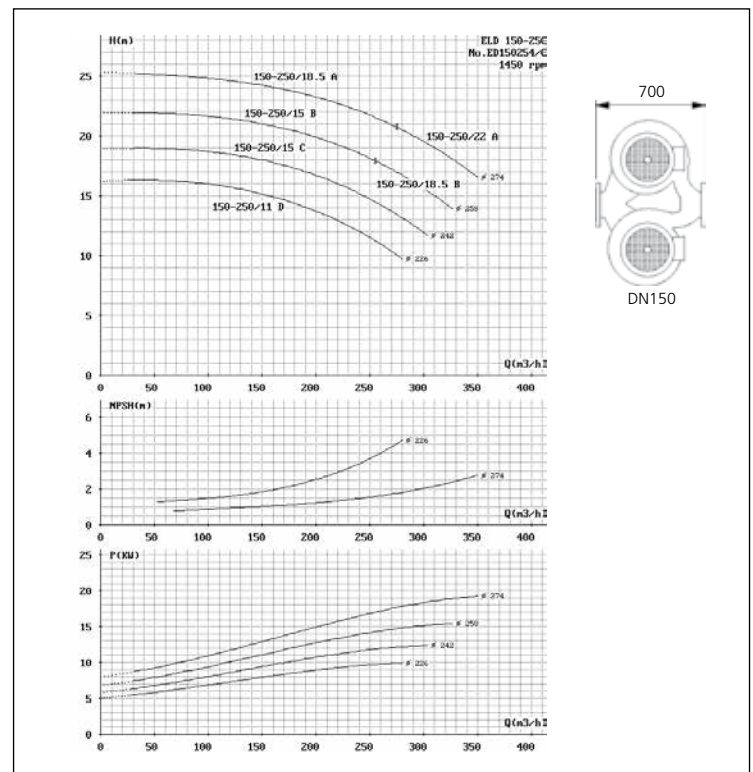
PERFORMANCE CURVES for ELINED4 150-200
(ISO 9906 Annex A)

4-Pole



PERFORMANCE CURVES for ELINED4 150-250
(ISO 9906 Annex A)

4-Pole

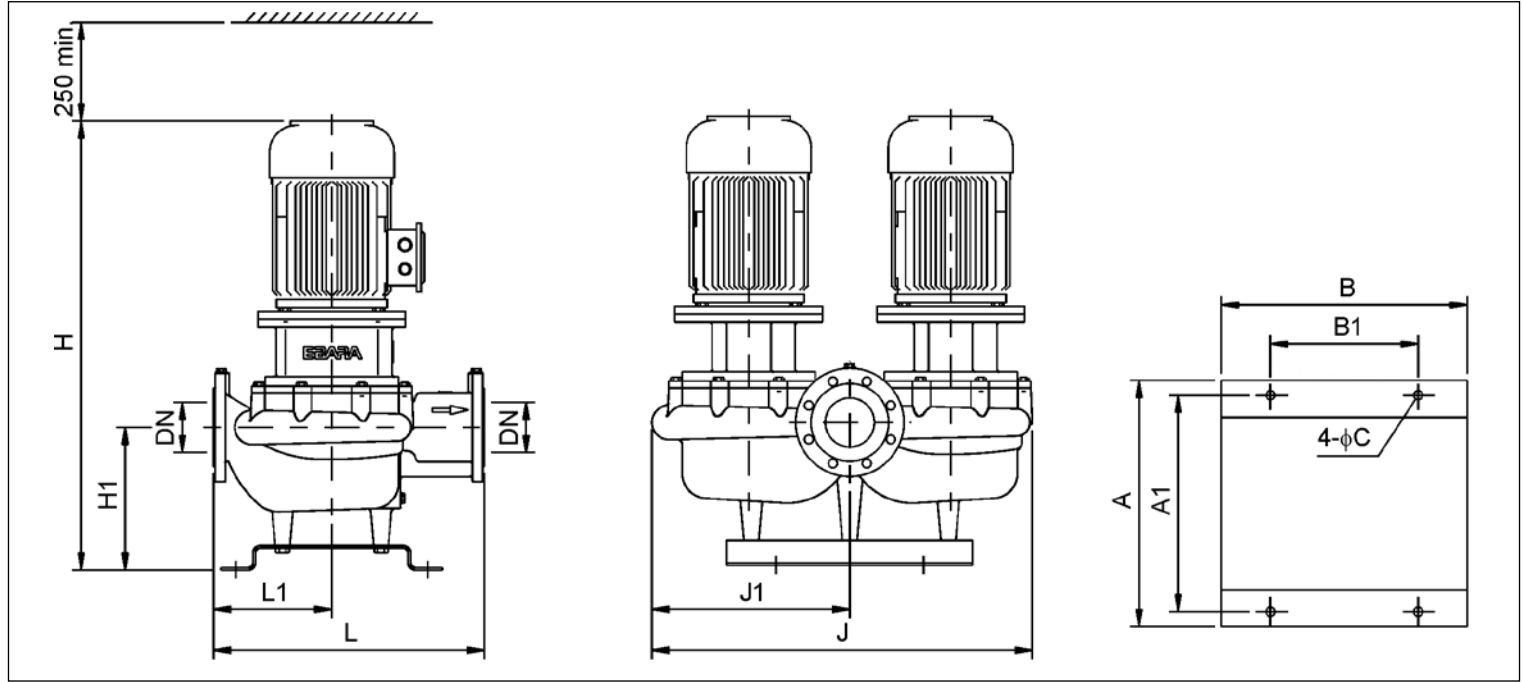


IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

ELINED 32-40-50 DIMENSIONS

2-Pole



DIMENSION CHART

2-Pole

Model	Dimensions [mm]												Weight [kg]
	DN	H1	H	L1	L	J1	J	A1	A	B1	B	C	
ELD 40-160/2.2	40	210	640	175	360	240	470	250	300	200	300	15	87
ELD 40-160/3	40	210	665	175	360	240	470	250	300	200	300	15	109
ELD 40-160/4	40	210	685	175	360	240	470	250	300	200	300	15	117
ELD 40-160/5.5	40	210	685	175	360	240	470	250	300	200	300	15	143
ELD 50-200/7.5	50	210	790	210	465	295	580	250	300	200	300	15	177
ELD 50-200/9.2	50	210	830	210	465	295	580	250	300	200	300	15	191
ELD 50-200/11	50	210	830	210	465	295	580	250	300	200	300	15	217
ELD 65-160/5.5	65	210	735	210	475	275	540	250	300	200	300	15	164
ELD 65-160/7.5	65	210	780	210	475	275	540	250	300	200	300	15	174
ELD 65-160/9.2	65	210	780	210	475	275	540	250	300	200	300	15	188
ELD 65-160/11	65	210	780	210	475	275	540	250	300	200	300	15	212
ELD 80-160/7.5	80	210	775	240	500	295	590	250	300	200	300	15	193
ELD 80-160/9.2	80	210	815	240	500	295	590	250	300	200	300	15	207
ELD 80-160/11	80	210	815	240	500	295	590	250	300	200	300	15	231
ELD 80-250/22	80	290	1020	235	500	385	765	440	500	300	500	18	380
ELD 80-250/30	80	290	1095	235	500	405	810	440	500	300	500	18	439
ELD 80-250/37	80	290	1095	235	500	405	810	440	500	300	500	18	475
ELD 100-160/11	100	290	1005	265	550	380	760	440	500	300	500	18	265
ELD 100-160/15	100	290	1005	265	550	380	760	440	500	300	500	18	281
ELD 100-160/18.5	100	290	1005	265	550	380	760	440	500	300	500	18	305
ELD 100-160/22	100	290	1005	265	550	380	760	440	500	300	500	18	343
ELD 100-160/30	100	290	1085	265	550	405	810	440	500	300	500	18	397
ELD 100-200/22	100	290	1020	265	550	385	765	440	500	300	500	18	374
ELD 100-200/30	100	290	1095	265	550	405	810	440	500	300	500	18	433
ELD 100-200/37	100	290	1095	265	550	405	810	440	500	300	500	18	469
ELD 100-250/30	100	290	1095	240	550	405	810	440	500	300	500	18	453
ELD 100-250/37	100	290	1095	240	550	405	810	440	500	300	500	18	489
ELD 125-200/30	125	290	1095	275	620	405	810	440	500	300	500	18	473
ELD 125-200/37	125	290	1095	275	620	405	810	440	500	300	500	18	509

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DIMENSION CHART

4-Pole

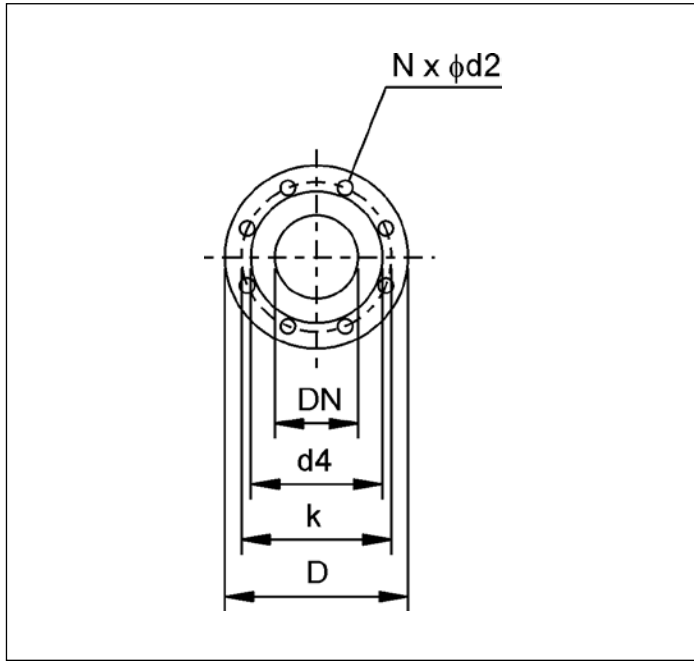
Model	Dimensions [mm]											Weight [kg]	
	DN	H1	H	L1	L	J1	J	A1	A	B1	B		C
ELD4 40-160/0.55	40	210	600	175	360	240	470	250	300	200	300	15	73
ELD4 40-160/0.75	40	210	600	175	360	240	470	250	300	200	300	15	77
ELD4 50-200/1.1	50	210	615	210	465	295	580	250	300	200	300	15	105
ELD4 50-200/1.5	50	210	615	210	465	295	580	250	300	200	300	15	109
ELD4 50-250/2.2	50	210	710	210	465	330	660	250	300	200	300	15	145
ELD4 50-250/3	50	210	710	210	465	330	660	250	300	200	300	15	153
ELD4 65-160/0.75	65	210	600	210	475	275	540	250	300	200	300	15	96
ELD4 65-160/1.1	65	210	640	210	475	275	540	250	300	200	300	15	102
ELD4 65-160/1.5	65	210	640	210	475	275	540	250	300	200	300	15	106
ELD4 65-160/2.2	65	210	710	210	475	275	540	250	300	200	300	15	112
ELD4 65-200/1.5	65	210	640	210	475	310	610	250	300	200	300	15	119
ELD4 65-200/2.2	65	210	710	210	475	310	610	250	300	200	300	15	131
ELD4 65-200/3	65	210	710	210	475	310	610	250	300	200	300	15	141
ELD4 65-250/2.2	65	210	710	210	475	360	710	250	300	200	300	15	158
ELD4 65-250/3	65	210	710	210	475	360	710	250	300	200	300	15	166
ELD4 65-250/4	65	210	710	210	475	360	710	250	300	200	300	15	178
ELD4 65-250/5.5	65	210	790	210	475	360	710	250	300	200	300	15	201
ELD4 80-160/1.1	80	210	640	240	500	295	590	250	300	200	300	15	113
ELD4 80-160/1.5	80	210	640	240	500	295	590	250	300	200	300	15	117
ELD4 80-160/2.2	80	210	710	240	500	295	590	250	300	200	300	15	131
ELD4 80-200/2.2	80	210	710	220	500	340	665	250	300	200	300	15	143
ELD4 80-200/3	80	210	710	220	500	340	665	250	300	200	300	15	151
ELD4 80-200/4	80	210	710	220	500	340	665	250	300	200	300	15	163
ELD4 80-250/4	80	290	825	235	500	385	755	440	500	300	500	18	230
ELD4 80-250/5.5	80	290	910	235	500	385	755	440	500	300	500	18	256
ELD4 80-250/7.5	80	290	910	235	500	385	755	440	500	300	500	18	276
ELD4 100-160/1.5	100	290	745	265	550	370	715	440	500	300	500	18	176
ELD4 100-160/2.2	100	290	815	265	550	370	715	440	500	300	500	18	190
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ELD4 100-160/4	100	290	815	265	550	370	715	440	500	300	500	18	210
ELD4 100-200/3	100	290	825	265	550	385	750	440	500	300	500	18	212
ELD4 100-200/4	100	290	825	265	550	385	750	440	500	300	500	18	224
ELD4 100-200/5.5	100	290	910	265	550	385	750	440	500	300	500	18	250
ELD4 100-250/5.5	100	290	910	240	550	405	790	440	500	300	500	18	270
ELD4 100-250/7.5	100	290	910	240	550	405	790	440	500	300	500	18	290
ELD4 100-250/11	100	290	1020	240	550	405	790	440	500	300	500	18	332
ELD4 125-200/4	125	290	825	275	620	400	775	440	500	300	500	18	264
ELD4 125-200/5.5	125	290	910	275	620	400	775	440	500	300	500	18	290
ELD4 125-200/7.5	125	290	910	275	620	400	775	440	500	300	500	18	310
ELD4 125-200/11	125	290	1020	275	620	400	780	440	500	300	500	18	352
ELD4 125-250/7.5	125	290	910	275	620	420	815	440	500	300	500	18	335
ELD4 125-250/11	125	290	1020	275	620	420	815	440	500	300	500	18	377
ELD4 125-250/15	125	290	1020	275	620	420	815	440	500	300	500	18	403
ELD4 150-200/5.5	150	315	940	275	700	485	930	440	500	300	500	18	371
ELD4 150-200/7.5	150	315	940	275	700	485	930	440	500	300	500	18	391
ELD4 150-200/11	150	315	1045	275	700	485	930	440	500	300	500	18	433
ELD4 150-250/11	150	315	1045	275	700	495	955	440	500	300	500	18	445
ELD4 150-250/15	150	315	1045	275	700	495	955	440	500	300	500	18	471
ELD4 150-250/18.5	150	315	1045	275	700	495	955	440	500	300	500	18	517
ELD4 150-250/22	150	315	1045	275	700	495	955	440	500	300	500	18	589

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IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

FLANGE DIMENSIONS



DN	d4	DIN 2532 PN10		N x d2
		k	D	
40	88	110	150	4 x 18
50	102	125	165	4 x 18
65	122	145	185	4 x 18
80	138	160	200	8 x 18
100	158	180	220	8 x 18
125	188	210	250	8 x 18
150	212	240	285	8 x 22
200	268	295	340	8 x 22

IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

ELINED - ELINE 4-D SECTIONAL VIEW

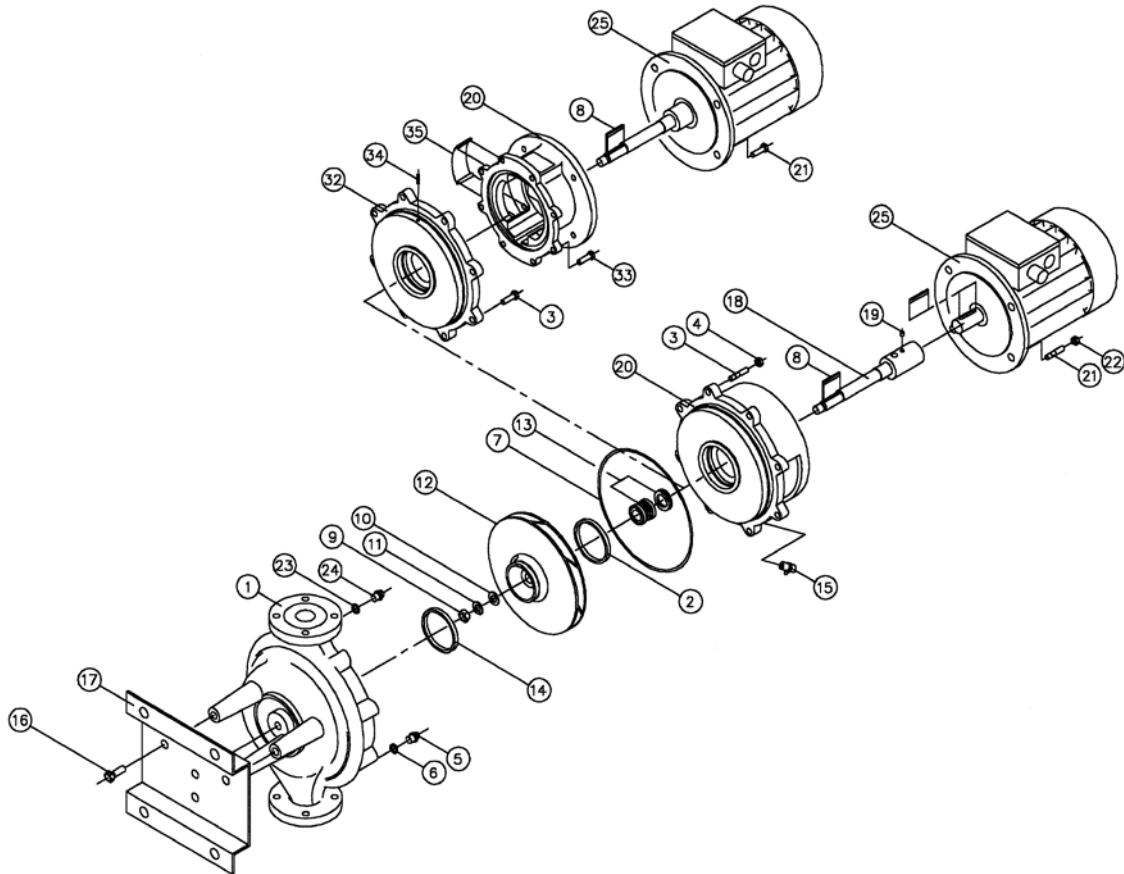


TABLE OF MATERIALS

Ref.	Name	Material	Ref.	Name	Material
1	Pump body	Cast iron (GG-25)	16	Base anchor bolts	DIN 933 5.6
2	Wear ring (delivery side)	Cast iron (GG-25)	17	Base	AE-275CUNE3608
3	Bellhousing mounting bolt	DIN 939 5.6	18	Shaft	Stainless steel (AISI 316)
4	Bellhousing mounting nut	DIN 934 Zinc	19	Set of bolts	DIN 916 A2
5	Pressure gauge fitting cap	DIN 910	20	Bellhousing	Cast iron (GG-25)
6	O-ring for pressure gauge fitting cap	Aluminium	21	Bellhousing motor mounting bolts	DIN 939 5.6
7	Bellhousing gasket	BELPA CSA-25	22	Bellhousing motor mounting nuts	DIN 934
8	Impeller key	DIN 6885 X5CRNIMO18-10	23	Pressure gauge cap gasket (optional)	DIN 910
9	Impeller nut	Brass	24	Pressure gauge cap (optional)	Aluminium
10	Impeller nut washer	DIN 127 A2	25	Motor	-
11	Impeller washer	DIN 125 300HV	32	Gasket disk	Cast iron (GG-25)
12	Impeller	Cast iron (GG-20)	33	Bolt	DIN 939 5.6
13	Mechanical seal	Carbon fibre - Ceramic	34	Locking pin	DIN 1481
14	Wear ring (intake side)	Cast iron (GG-25)	35	Side guards	Aluminium
15	Air vent	Brass			

IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

TABLE OF ELECTRICAL DATA

2-Pole

Model Three-phase 230/400V - 400/690V	P ₂		Motor	Efficiency (%) Three-phase η %	cosΦ	Current absorption [A] Three-phase		
	[HP]	[kW]				230V	400V	690V
ELD 40-160/2.2	3	2.2	90L	82	0.82	8.7	5	-
ELD 40-160/3	4	3	100L*	83	0.85	11.1	6.4	-
ELD 40-160/4	5.5	4	112M*	84	0.86	14.8	8.5	-
ELD 40-160/5.5	7.5	5.5	112M*(1)	85	0.86	-	11.5	6.7
ELD 50-200/7.5	10	7.5	132S*	85	0.86	-	15.6	9.0
ELD 50-200/9.2	12.5	9.2	132M*	86	0.87	-	18.7	10.8
ELD 50-200/11	15	11	132M*(1)	87	0.87	-	22.2	12.9
ELD 65-160/5.5	7.5	5.5	112M(1)	85	0.86	-	11.5	6.7
ELD 65-160/7.5	10	7.5	132S*	85	0.86	-	15.6	9.0
ELD 65-160/9.2	12.5	9.2	132M*	86	0.87	-	18.7	10.8
ELD 65-160/11	15	11	132M*(1)	87	0.87	-	22.2	12.9
ELD 80-160/7.5	10	7.5	132S*	85	0.86	-	15.6	9.0
ELD 80-160/9.2	12.5	9.2	132M*	86	0.87	-	18.7	10.8
ELD 80-160/11	15	11	132M*(1)	87	0.87	-	22.2	12.9
ELD 80-250/22	30	22	180M	89	0.84	-	44.5	25.8
ELD 80-250/30	40	30	200L	90	0.87	-	58	33.6
ELD 80-250/37	50	37	200L	91	0.87	-	71	41.2
ELD 100-160/11	15	11	160M	86	0.83	-	23.5	13.6
ELD 100-160/15	20	15	160M	88	0.83	-	31.2	18.1
ELD 100-160/18.5	25	18.5	160L	89	0.83	-	38	22.0
ELD 100-160/22	30	22	180M	89	0.84	-	44.5	25.8
ELD 100-160/30	40	30	200L	90	0.87	-	58	33.6
ELD 100-200/22	30	22	180M	89	0.84	-	44.5	25.8
ELD 100-200/30	40	30	200L	90	0.87	-	58	33.6
ELD 100-200/37	50	37	200L	91	0.87	-	71	41.2
ELD 100-250/30	40	30	200L	90	0.87	-	58	33.6
ELD 100-250/37	50	37	200L	91	0.87	-	71	41.2
ELD 125-200/30	40	30	200L	90	0.87	-	58	33.6
ELD 125-200/37	50	37	200L	91	0.87	-	71	41.2

IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

TABLE OF ELECTRICAL DATA

4-Pole

Model Three-phase 230/400V - 400/690V	P ₂		Motor	Efficiency (%) Three-phase η %	cosΦ	Current absorption [A]		
	[HP]	[kW]				Three-phase		
						230V	400V	690V
ELD4 40-160/0.55	0.75	0.55	80	70	0.74	3.0	1.7	-
ELD4 40-160/0.75	1	0.75	80	72	0.74	3.7	2.1	-
ELD4 50-200/1.1	1.5	1.1	90S	75	0.80	4.9	2.8	-
ELD4 50-200/1.5	2	1.5	90L	78	0.78	6.4	3.7	-
ELD4 50-250/2.2	3	2.2	100L	80	0.80	9.2	5.3	-
ELD4 50-250/3	4	3	100L	81	0.81	12.0	6.9	-
ELD4 65-160/0.75	1	0.75	80	72	0.74	3.7	2.1	-
ELD4 65-160/1.1	1.5	1.1	90S	75	0.80	4.9	2.8	-
ELD4 65-160/1.5	2	1.5	90L	78	0.78	6.4	3.7	-
ELD4 65-200/1.5	2	1.5	90L	78	0.78	6.4	3.7	-
ELD4 65-200/2.2	3	2.2	100L	80	0.80	9.2	5.3	-
ELD4 65-200/3	4	3	100L	81	0.81	12.0	6.9	-
ELD4 65-250/2.2	3	2.2	100L	80	0.80	9.2	5.3	-
ELD4 65-250/3	4	3	100L	81	0.81	12.0	6.9	-
ELD4 65-250/4	5.5	4	112M	83	0.81	16.0	9.2	-
ELD4 65-250/5.5	7.5	5.5	132S	84	0.83	-	12	7.0
ELD4 80-160/1.1	1.5	1.1	90S	75	0.80	4.9	2.8	-
ELD4 80-160/1.5	2	1.5	90L	78	0.78	6.4	3.7	-
ELD4 80-160/2.2	3	2.2	100L	80	0.80	9.2	5.3	-
ELD4 80-200/2.2	3	2.2	100L	80	0.80	9.2	5.3	-
ELD4 80-200/3	4	3	100L	81	0.81	12.0	6.9	-
ELD4 80-200/4	5.5	4	112M	83	0.81	16.0	9.2	-
ELD4 80-250/4	5.5	4	112M	83	0.81	16.0	9.2	-
ELD4 80-250/5.5	7.5	5.5	132S	84	0.83	-	12	7.0
ELD4 80-250/7.5	10	7.5	132M	86	0.84	-	15.5	9.0
ELD4 100-160/1.5	2	1.5	90L	78	0.78	6.4	3.7	-
ELD4 100-160/2.2	3	2.2	100L	80	0.80	9.2	5.3	-
ELD4 100-160/3	4	3	100L	81	0.81	12.0	6.9	-
ELD4 100-160/4	5.5	4	112M	83	0.81	16.0	9.2	-
ELD4 100-200/3	4	3	100L	81	0.81	12.0	6.9	-
ELD4 100-200/4	5.5	4	112M	83	0.81	16.0	9.2	-
ELD4 100-200/5.5	7.5	5.5	132S	84	0.83	-	12	7.0
ELD4 100-250/5.5	7.5	5.5	132S	84	0.83	-	12	7.0
ELD4 100-250/7.5	10	7.5	132M	86	0.84	-	15.5	9.0
ELD4 100-250/11	15	11	160M	87	0.81	-	23.7	13.7
ELD4 125-200/4	5.5	4	112M	83	0.81	16.0	9.2	-
ELD4 125-200/5.5	7.5	5.5	132S	84	0.83	-	12	7.0
ELD4 125-200/7.5	10	7.5	132M	86	0.84	-	15.5	9.0
ELD4 125-200/11	15	11	160M	87	0.81	-	23.7	13.7
ELD4 125-250/7.5	10	7.5	132M	86	0.84	-	15.5	9.0
ELD4 125-250/11	15	11	160M	87	0.81	-	23.7	13.7
ELD4 125-250/15	20	15	160L	88	0.81	-	32	18.6
ELD4 150-200/5.5	7.5	5.5	132S	84	0.83	-	12	7.0
ELD4 150-200/7.5	10	7.5	132M	86	0.84	-	15.5	9.0
ELD4 150-200/11	15	11	160M	87	0.81	-	23.7	13.7
ELD4 150-250/11	15	11	160M	87	0.81	-	23.7	13.7
ELD4 150-250/15	20	15	160L	88	0.81	-	32	18.6
ELD4 150-250/18.5	25	18.5	180M	88	0.82	-	39	22.6
ELD4 150-250/22	30	22	180L	89	0.85	-	44	25.5

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IN-LINE NORMALIZED ELECTROPUMPS

in cast iron

NOISE DATA TABLE

2-Pole

Model	[HP]	P ₂ [kW]	L _{pA} - dB(A)
ELD 40-160/2.2	3	2.2	65
ELD 40-160/3	4	3	66
ELD 40-160/4	5.5	4	72
ELD 40-160/5.5	7.5	5.5	72
ELD 50-200/7.5	10	7.5	72
ELD 50-200/9.2	12.5	9.2	72
ELD 50-200/11	15	11	72
ELD 65-160/5.5	7.5	5.5	72
ELD 65-160/7.5	10	7.5	72
ELD 65-160/9.2	12.5	9.2	72
ELD 65-160/11	15	11	72
ELD 80-160/7.5	10	7.5	72
ELD 80-160/9.2	12.5	9.2	72
ELD 80-160/11	15	11	72
ELD 80-250/22	30	22	73
ELD 80-250/30	40	30	73
ELD 80-250/37	50	37	73
ELD 100-160/11	15	11	72
ELD 100-160/15	20	15	72
ELD 100-160/18.5	25	18.5	72
ELD 100-160/22	30	22	73
ELD 100-160/30	40	30	72
ELD 100-200/22	30	22	73
ELD 100-200/30	40	30	73
ELD 100-200/37	50	37	73
ELD 100-250/30	40	30	73
ELD 100-250/37	50	37	73
ELD 125-200/30	40	30	73
ELD 125-200/37	50	37	73

NOISE DATA TABLE

4-Pole

Model	[HP]	P ₂ [kW]	L _{pA} - dB(A)
ELD4 40-160/0.55	0.75	0.55	45
ELD4 40-160/0.75	1	0.75	45
ELD4 50-200/1.1	1.5	1.1	48
ELD4 50-200/1.5	2	1.5	48
ELD4 50-250/2.2	3	2.2	48
ELD4 50-250/3	4	3	48
ELD4 65-160/0.75	1	0.75	45
ELD4 65-160/1.1	1.5	1.1	48
ELD4 65-160/1.5	2	1.5	48
ELD4 65-160/2.2	3	2.2	48
ELD4 65-200/1.5	2	1.5	48
ELD4 65-200/2.2	3	2.2	48
ELD4 65-200/3	4	3	48
ELD4 65-250/2.2	3	2.2	49
ELD4 65-250/3	4	3	49
ELD4 65-250/4	5.5	4	58
ELD4 65-250/5.5	7.5	5.5	58
ELD4 80-160/1.1	1.5	1.1	48
ELD4 80-160/1.5	2	1.5	48
ELD4 80-160/2.2	3	2.2	48
ELD4 80-200/2.2	3	2.2	48
ELD4 80-200/3	4	3	48
ELD4 80-200/4	5.5	4	49
ELD4 80-250/4	5.5	4	58
ELD4 80-250/5.5	7.5	5.5	58
ELD4 80-250/7.5	10	7.5	62
ELD4 100-160/1.5	2	1.5	48
ELD4 100-160/2.2	3	2.2	48
ELD4 100-160/3	4	3	49
ELD4 100-160/4	5.5	4	48
ELD4 100-200/3	4	3	49
ELD4 100-200/4	5.5	4	58
ELD4 100-200/5.5	7.5	5.5	58
ELD4 100-250/5.5	7.5	5.5	62
ELD4 100-250/7.5	10	7.5	62
ELD4 100-250/11	15	11	62
ELD4 125-200/4	5.5	4	49
ELD4 125-200/5.5	7.5	5.5	58
ELD4 125-200/7.5	10	7.5	62
ELD4 125-200/11	15	11	62
ELD4 125-250/7.5	10	7.5	62
ELD4 125-250/11	15	11	62
ELD4 125-250/15	20	15	62
ELD4 150-200/5.5	7.5	5.5	58
ELD4 150-200/7.5	10	7.5	62
ELD4 150-200/11	15	11	62
ELD4 150-250/11	15	11	62
ELD4 150-250/15	20	15	62
ELD4 150-250/18.5	25	18.5	64
ELD4 150-250/22	30	22	64

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