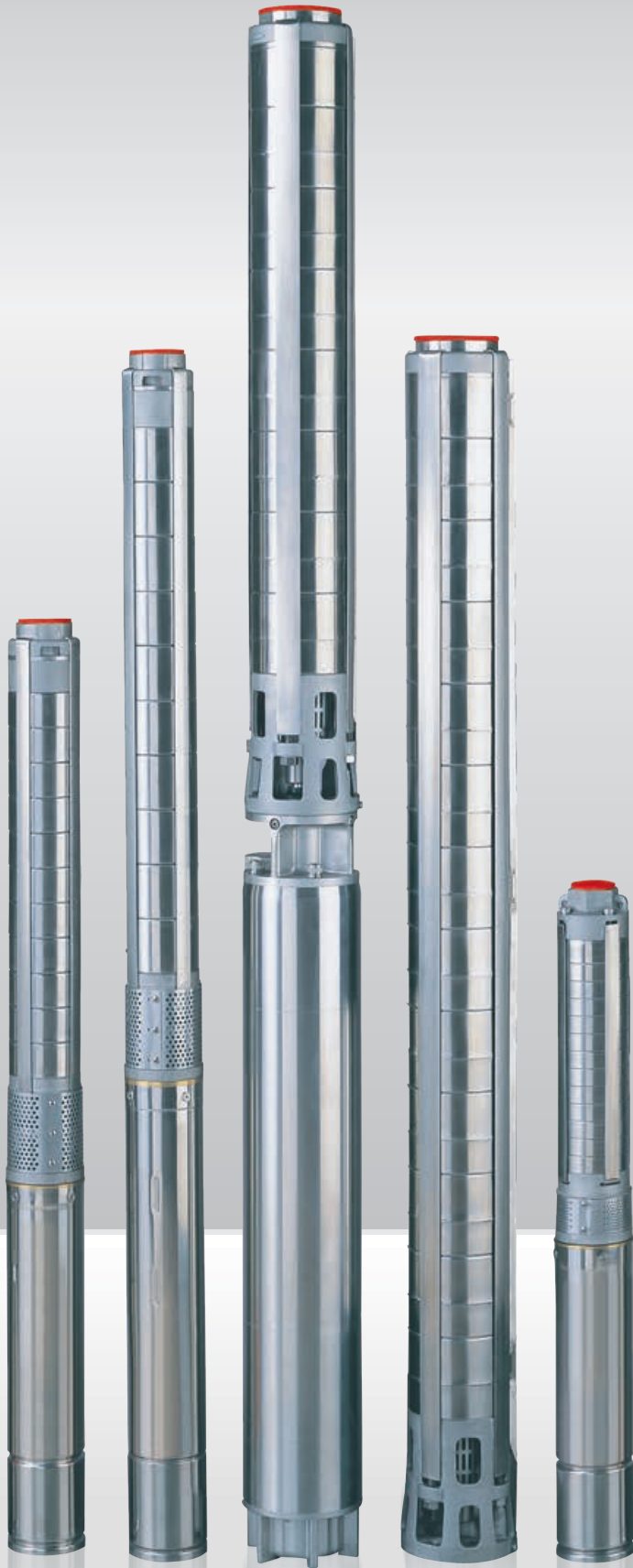




NAFFCO

PASSION TO PROTECT

SUBMERSIBLE PUMPS





AN INTRODUCTION TO NAFFCO

NAFFCO was founded in Dubai, UAE to become the world's leading producer and supplier of life safety solutions. By recognizing the importance and convenience of having easy access to multiple safety services, we became specialized by offering complete solutions under one roof for all types of high quality firefighting equipment, fire protection systems, fire alarms, addressable emergency systems, security systems, custom-made vehicles such as fire trucks, ambulances, mobile hospitals and airport rescue firefighting vehicles (ARFF).

With the most talented and dedicated employees from around the world, NAFFCO has over 500 passionate engineers and over 4 million square feet of manufacturing facilities. We are currently exporting to over 100 countries worldwide.

Our products have been consistently certified by UL, FM, BSI, LPCB and Global Mark according to the latest International Quality Standard for their strict adherence to ISO 9001 quality management system and certified for ISO 14001 environmental management systems and BS OHSAS 18001 for occupational safety by UL DQS.

Our success is driven by our passion to protect; our vision is to become the world's number one provider of innovative solutions in protecting life, environment and property.



NAFFCO SUBMERSIBLE VERTICAL PUMPS

NF-SL / NF-SLS is a submersible vertical pump series with radial impellers. These pumps are directly coupled with NEMA standard submersible motors. Stainless steel construction of these pumps ensures long lasting reliable operation. The water lubricated rubber bearings provided in the pumps are specifically designed for applications where the pump is submerged in the water.

In order to protect the pump from water hammer a non-return valve is built into discharge head that prevent the back flow when the pump is stopped.

The range of pumps available in this series includes pumps that are capable of delivering high pressure at low capacity and it makes them especially suitable for pressure maintenance pump (Jockey Pump) applications in fire pump units.

READING THE MODEL NAME

Example: NF-SL 4-5-25

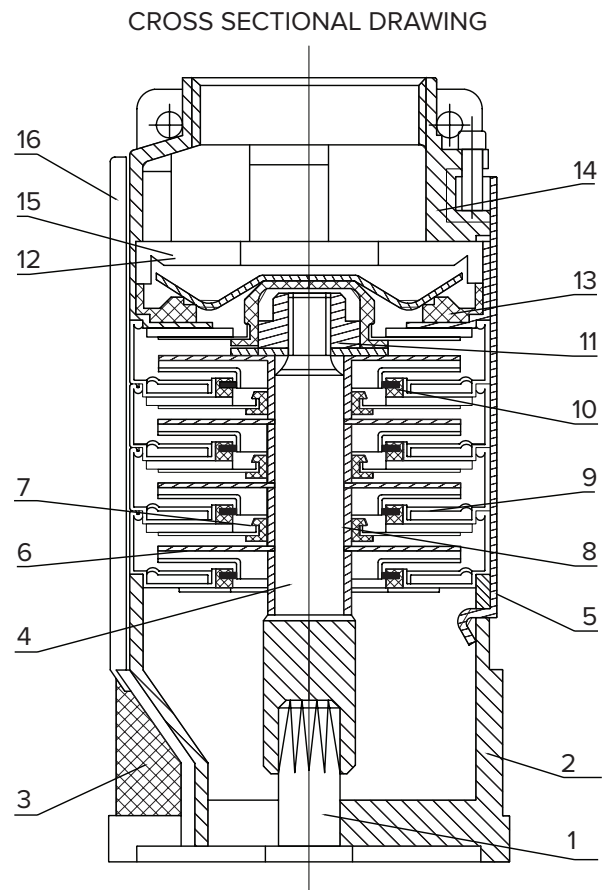
- NF** - NAFFCO
- SL** - Submersible
- 4** - Minimum Required Diameter of Well in Inches
- 5** - Capacity at the best efficiency point (m³/hr.)
- 25** - Number of Stages

Note: Letter 'S' will be added to 'NF-SL' for the models that are designed for 60 Hz operation

FEATURES

- Efficient Performance
- Quality Components
- Reliable Components
- Longer Service Life
- Proven Design
- Stringent Tests

SL. NO.	PART NAME	MATERIAL	STANDARD
1	Motor		
2	Suction Head	S.S	AISI304
3	Filter	S.S	AISI304
4	Shaft	S.S	AISI304
5	Rod	S.S	AISI304
6	Impeller	S.S	AISI304
7	Shaft Ring	FPM	
8	Impeller Bush	S.S	AISI304
9	Diffuser	S.S	AISI304
10	Wear Ring	PVC	
11	Impeller Nut	S.S	AISI304
12	Valve	S.S	AISI304
13	Valve Base	FPM	
14	Discharge Head	S.S	AISI304
15	Valve Cover	S.S	AISI304
16	Cable Guard	S.S	AISI304



SPECIFICATIONS

LIQUID DATA

Pumped Liquid Type : Clean, Thin, non-explosive liquids, not containing fibers or abrasive particles.

Maximum content of sand about 50 g/m³

Temperature : 60°C

PUMP DATA

Maximum Installation Depth of the Pump : 350m below the water level

ELECTRIC MOTOR DATA

Type : Submersible Motor

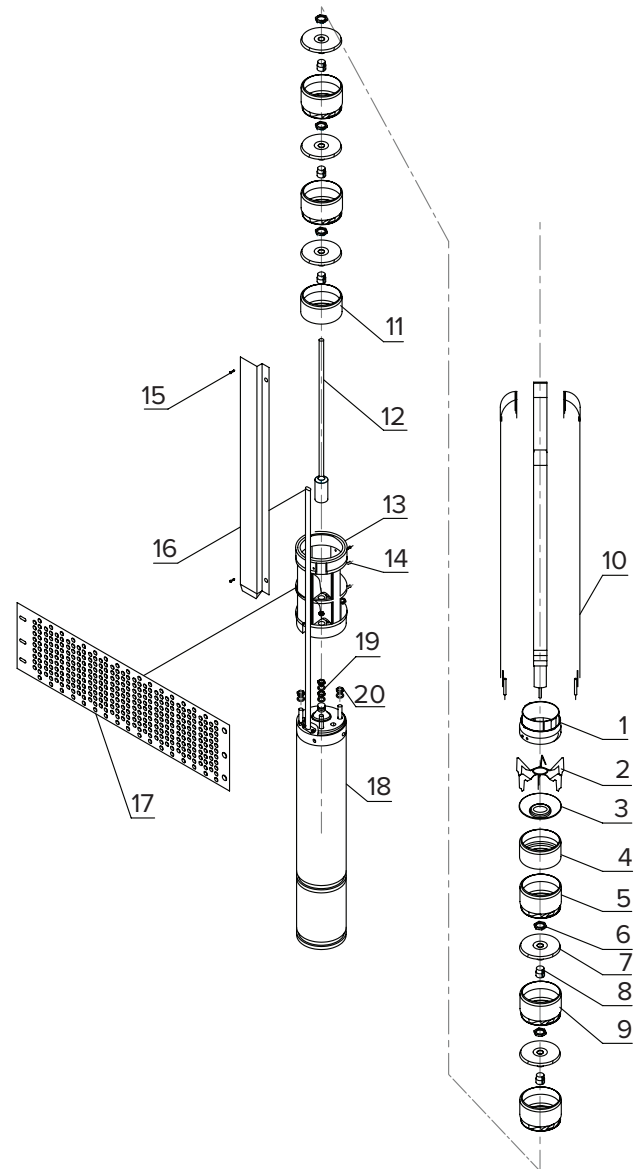
Construction : Oil-Filled Rewinding / Water Filled Rewinding

Standard : NEMA

PARTS LIST

PART NO.	PART DESCRIPTION
1	Discharge Head
2	Valve Cover
3	Valve
4	Valve Body
5	Discharge Diffuser
6	Impeller Nut
7	Impeller
8	Bush
9	Suction Diffuser
10	Rod
11	Suction Diffuser
12	Shaft
13	Suction Head
14	Screw
15	Screw
16	Cable Guard
17	Filter
18	Motor
19	Coupling
20	Bolt

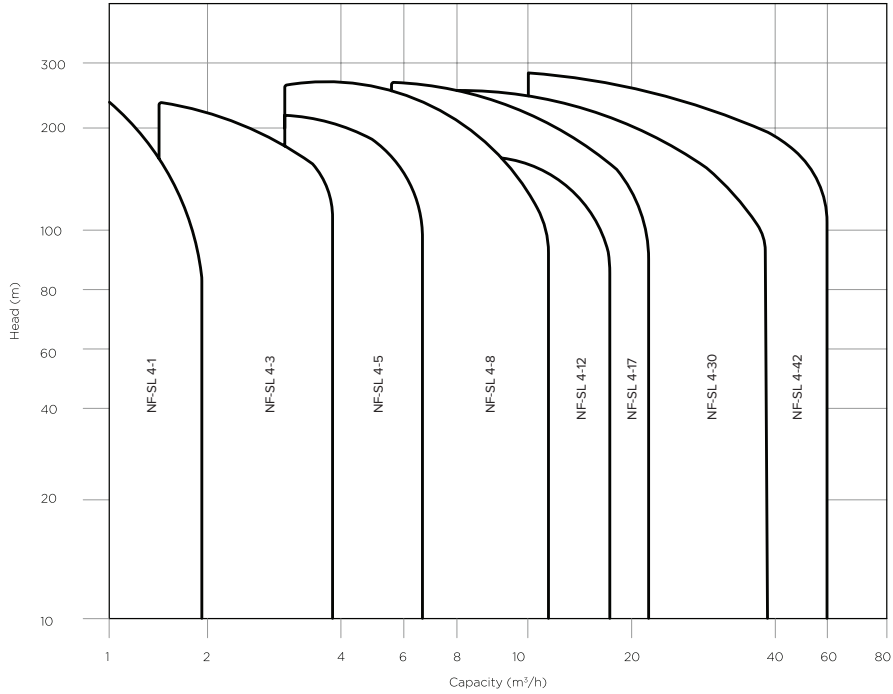
EXPLODED VIEW



PUMP SELECTION CHARTS

NF-SL Series

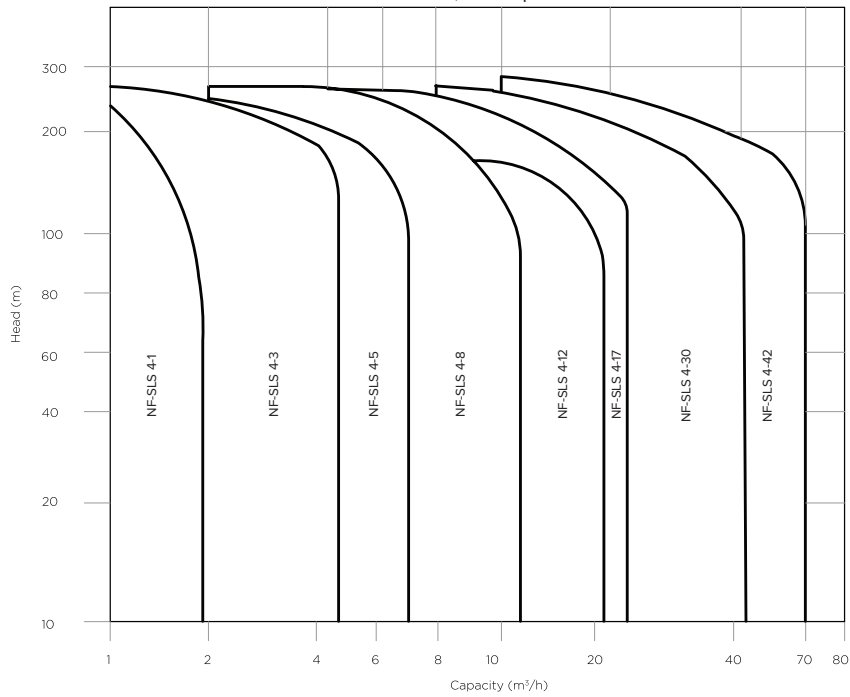
50Hz, 2900rpm



NF-SL 50 Hz

NF-SLS Series

60Hz, 3500rpm

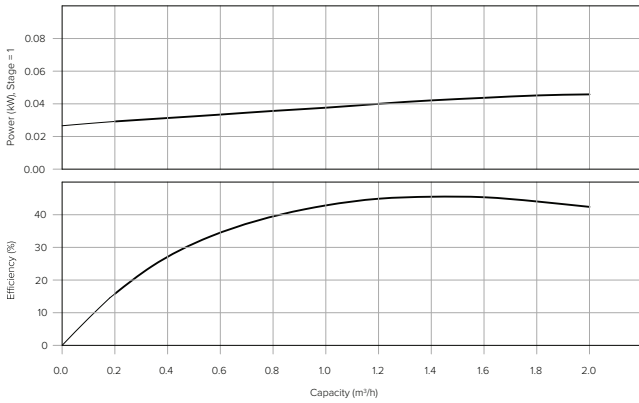
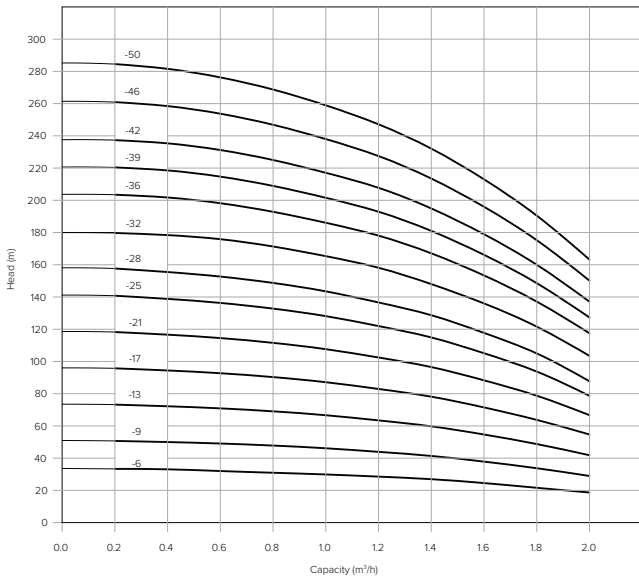


NF-SLS 60 Hz

PERFORMANCE CURVES

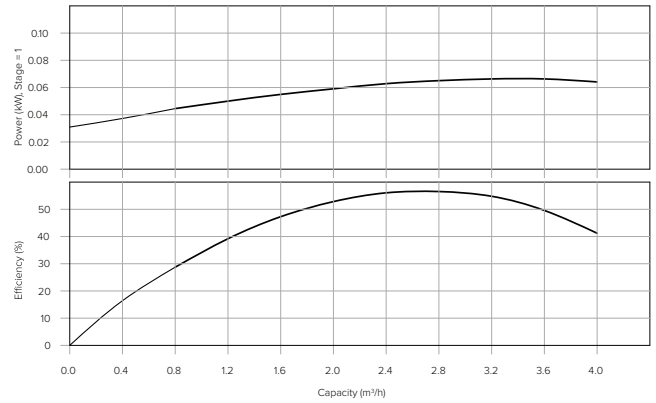
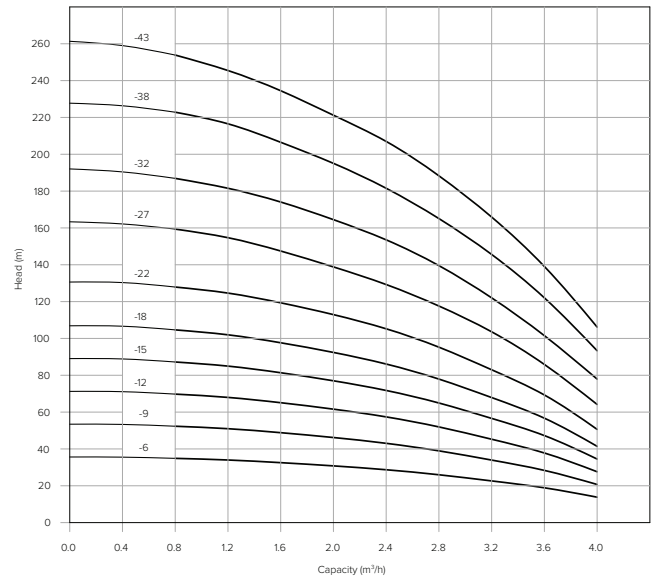
NF-SL 4-1

50Hz
2900rpm



NF-SL 4-3

50Hz
2900rpm



Electric Motor Power Rating

NF-SL 4-1

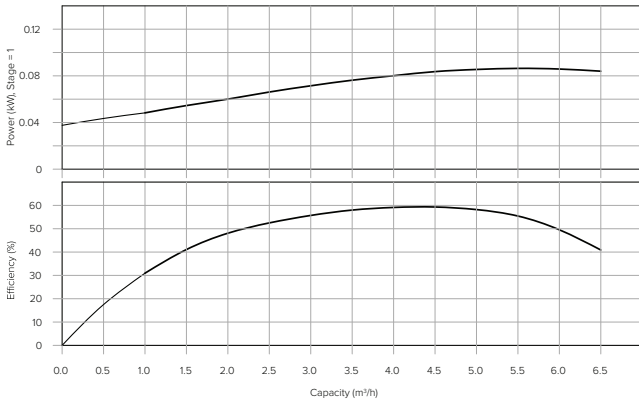
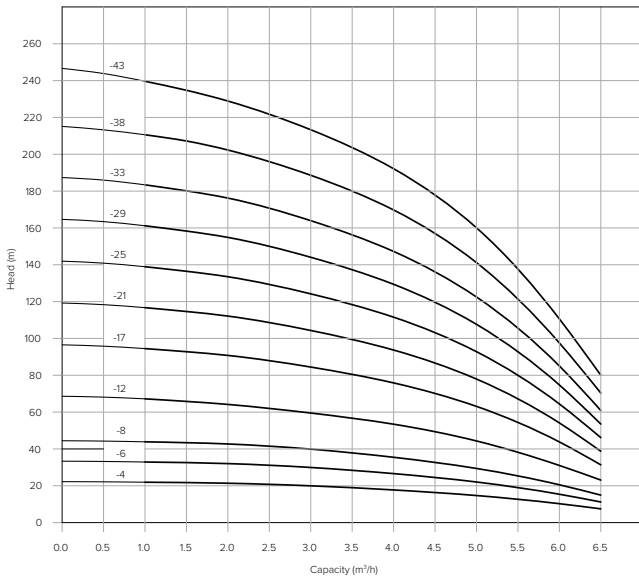
MODEL	POWER (kW)
NF-SL4-1-6	0.37
NF-SL4-1-9	0.37
NF-SL4-1-13	0.55
NF-SL4-1-17	0.75
NF-SL4-1-21	1.1
NF-SL4-1-25	1.1
NF-SL4-1-28	1.5
NF-SL4-1-32	1.5
NF-SL4-1-36	1.5
NF-SL4-1-39	2.2
NF-SL4-1-42	2.2
NF-SL4-1-46	2.2
NF-SL4-1-50	2.2

NF-SL 4-3

MODEL	POWER (kW)
NF-SL 4-3-6	0.37
NF-SL 4-3-9	0.55
NF-SL 4-3-12	0.75
NF-SL 4-3-15	1.1
NF-SL 4-3-18	1.1
NF-SL 4-3-22	1.5
NF-SL 4-3-27	2.2
NF-SL 4-3-32	2.2
NF-SL 4-3-38	3.0
NF-SL 4-3-43	3.0

NF-SL 4-5

50Hz
2900rpm

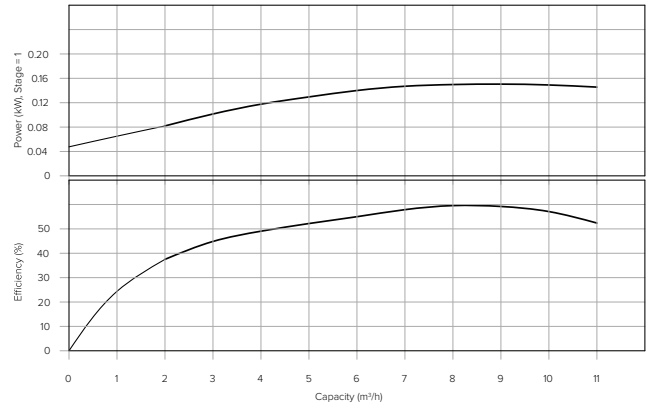
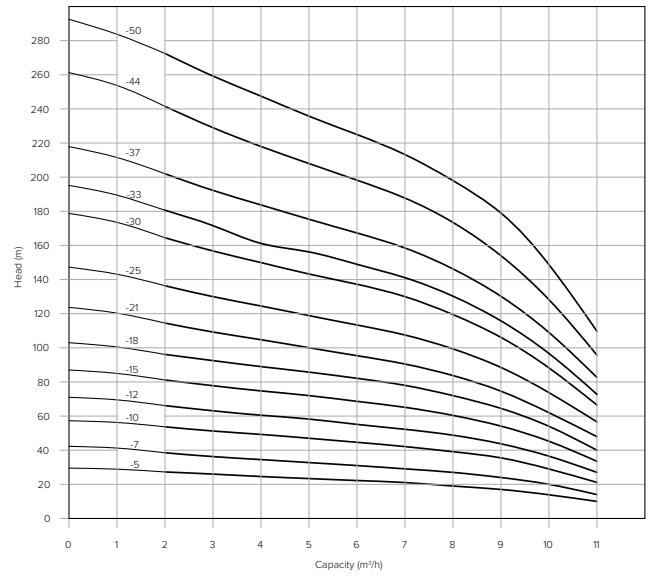


NF-SL 4-5

MODEL	POWER (kW)
NF-SL 4-5-4	0.37
NF-SL 4-5-6	0.55
NF-SL 4-5-8	0.75
NF-SL 4-5-12	1.1
NF-SL 4-5-17	1.5
NF-SL 4-5-21	2.2
NF-SL 4-5-25	2.2
NF-SL 4-5-29	3.0
NF-SL 4-5-33	3.0
NF-SL 4-5-38	4.0
NF-SL 4-5-43	4.0

NF-SL 4-8

50Hz
2900rpm

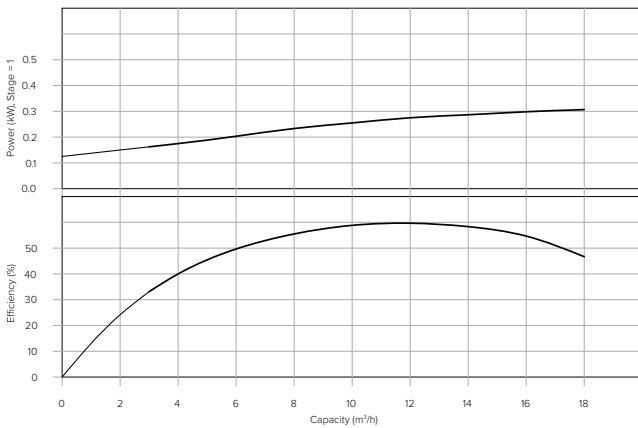
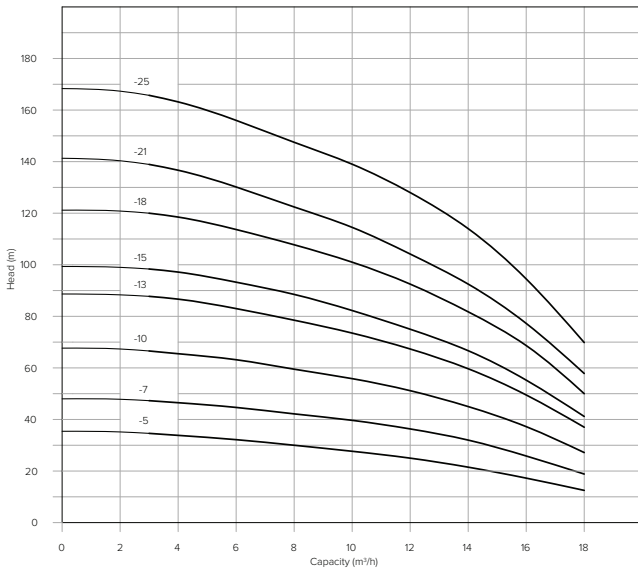


NF-SL 4-8

MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SL 4-8-5	0.75	NF-SL 4-8-37	5.5
NF-SL 4-8-7	1.1	NF-SL 4-8-44	7.5
NF-SL 4-8-10	1.5	NF-SL 4-8-50	7.5
NF-SL 4-8-12	2.2		
NF-SL 4-8-15	2.2		
NF-SL 4-8-18	3.0		
NF-SL 4-8-21	4.0		
NF-SL 4-8-25	4.0		
NF-SL 4-8-30	5.5		
NF-SL 4-8-33	5.5		

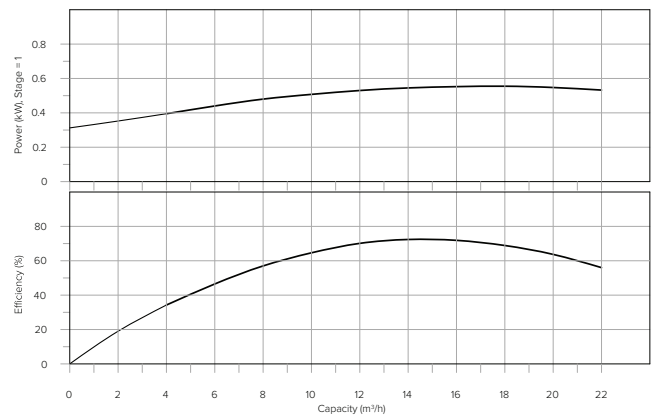
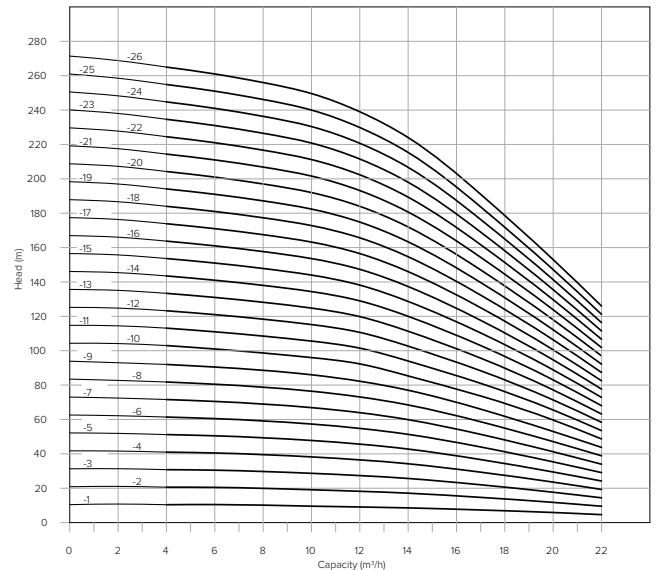
NF-SL 4-12

50Hz
2900rpm



NF-SL 6-17

50Hz
2900rpm



Electric Motor Power Rating

NF-SL 4-12

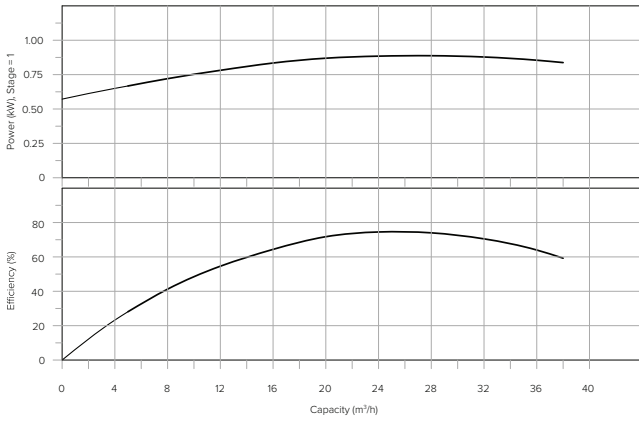
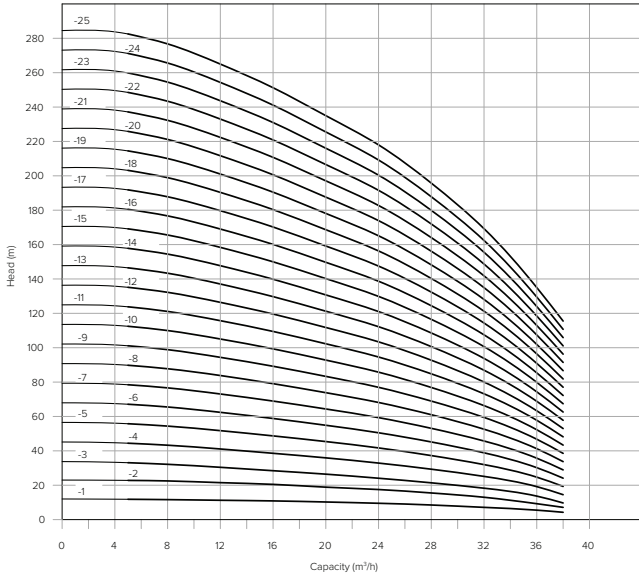
MODEL	POWER (kW)
NF-SL 4-12-5	1.5
NF-SL 4-12-7	2.2
NF-SL 4-12-10	3.0
NF-SL4-12-13	4.0
NF-SL 4-12-15	5.5
NF-SL 4-12-18	5.5
NF-SL 4-12-21	7.5
NF-SL 4-12-25	7.5

NF-SL 6-17

MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SL 6-17-1	0.55	NF-SL 6-17-14	9.2
NF-SL 6-17-2	1.1	NF-SL 6-17-15	9.2
NF-SL 6-17-3	2.2	NF-SL 6-17-16	9.2
NF-SL 6-17-4	2.2	NF-SL 6-17-17	9.2
NF-SL 6-17-5	3.0	NF-SL 6-17-18	11
NF-SL 6-17-6	4.0	NF-SL 6-17-19	11
NF-SL 6-17-7	4.0	NF-SL 6-17-20	11
NF-SL 6-17-8	5.5	NF-SL 6-17-21	13
NF-SL 6-17-9	5.5	NF-SL 6-17-22	13
NF-SL 6-17-10	5.5	NF-SL 6-17-23	13
NF-SL 6-17-11	7.5	NF-SL 6-17-24	13
NF-SL 6-17-12	7.5	NF-SL 6-17-25	15
NF-SL6-17-13	7.5	NF-SL 6-17-26	15

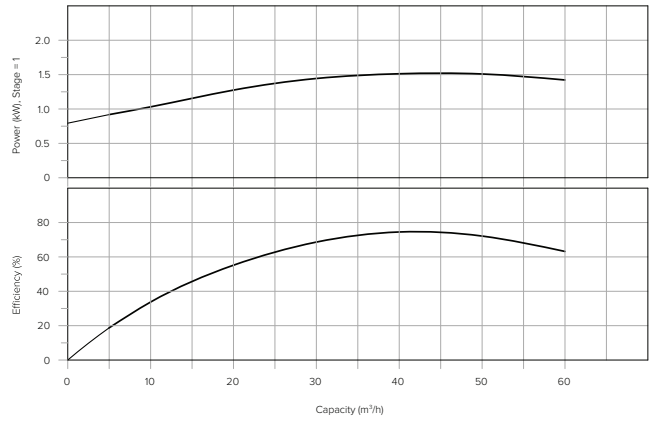
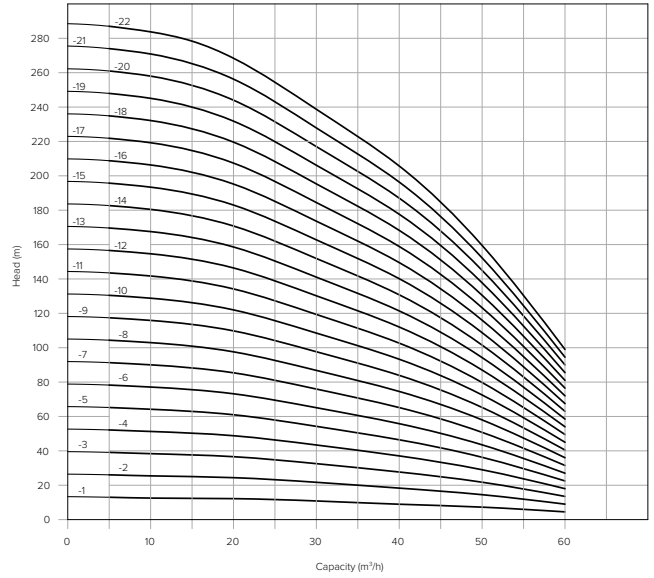
NF-SL 6-30

50Hz
2900rpm



NF-SL 6-42

50Hz
2900rpm



NF-SL 6-30

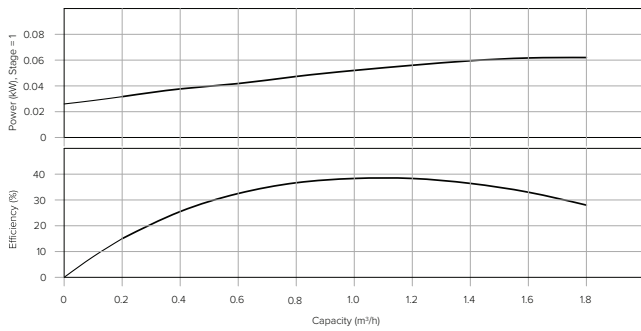
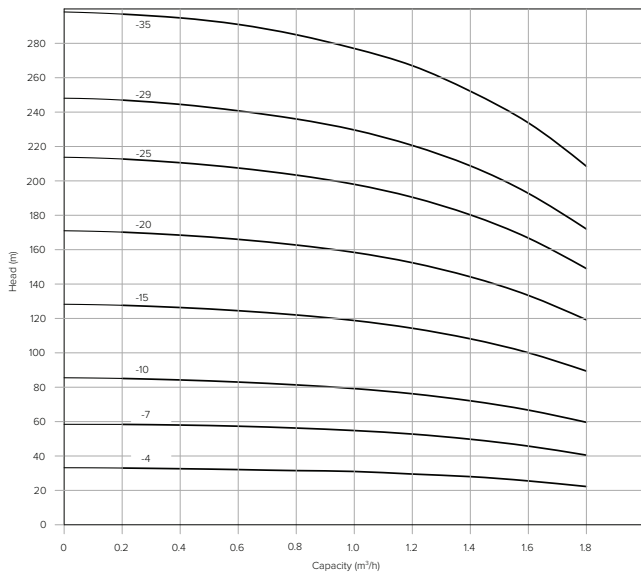
NF-SL 6-42

MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SL 6-30-1	1.1	NF-SL 6-30-14	13
NF-SL 6-30-2	2.2	NF-SL 6-30-15	13
NF-SL 6-30-3	3.0	NF-SL 6-30-16	15
NF-SL 6-30-4	4.0	NF-SL 6-30-17	15
NF-SL 6-30-5	5.5	NF-SL 6-30-18	18.5
NF-SL 6-30-6	5.5	NF-SL 6-30-19	18.5
NF-SL 6-30-7	7.5	NF-SL 6-30-20	18.5
NF-SL 6-30-8	7.5	NF-SL 6-30-21	18.5
NF-SL 6-30-9	9.2	NF-SL 6-30-22	22
NF-SL 6-30-10	9.2	NF-SL 6-30-23	22
NF-SL 6-30-11	9.2	NF-SL 6-30-24	22
NF-SL 6-30-12	11	NF-SL 6-30-25	22
NF-SL 6-30-13	11		

MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SL 6-42-1	2.2	NF-SL 6-42-12	18.5
NF-SL 6-42-2	3.0	NF-SL 6-42-13	22
NF-SL 6-42-3	5.5	NF-SL 6-42-14	22
NF-SL 6-42-4	7.5	NF-SL 6-42-15	22
NF-SL 6-42-5	7.5	NF-SL 6-42-16	25
NF-SL 6-42-6	9.2	NF-SL 6-42-17	25
NF-SL 6-42-7	11	NF-SL 6-42-18	30
NF-SL 6-42-8	13	NF-SL 6-42-19	30
NF-SL 6-42-9	15	NF-SL 6-42-20	30
NF-SL 6-42-10	15	NF-SL 6-42-21	37
NF-SL 6-42-11	18.5	NF-SL 6-42-22	37

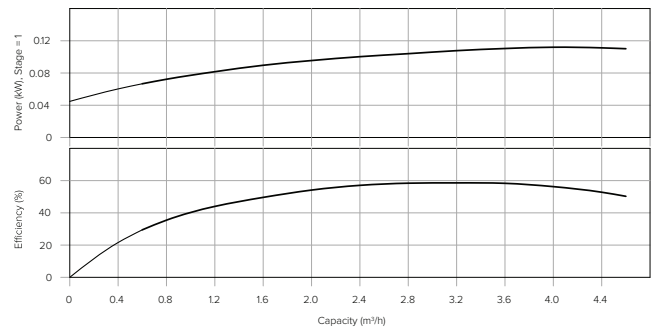
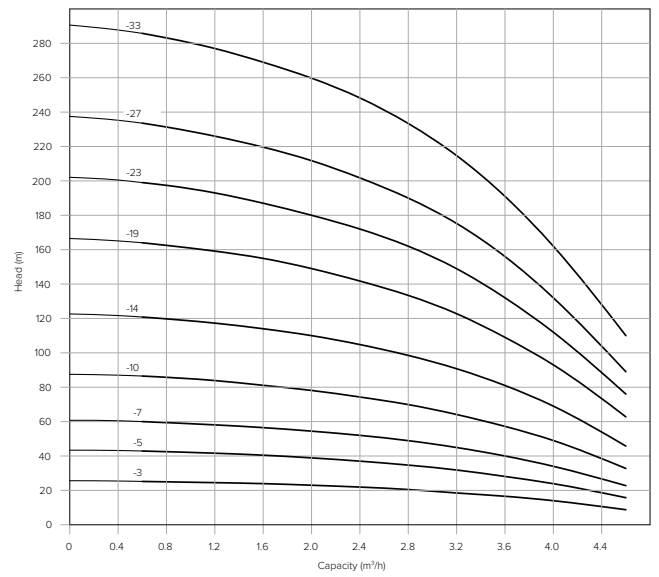
NFSLs 4-1

60Hz
3500rpm



NFSLs 4-3

60Hz
3500rpm



Electric Motor Power Rating

NF-SLS 4-1

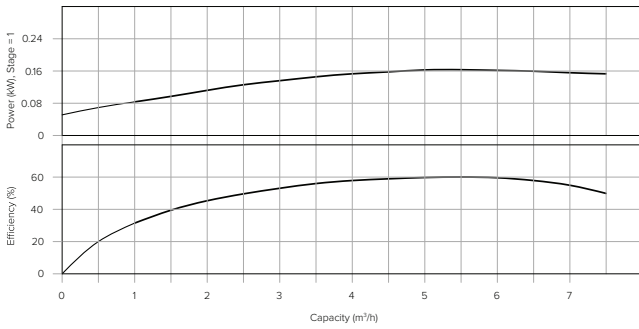
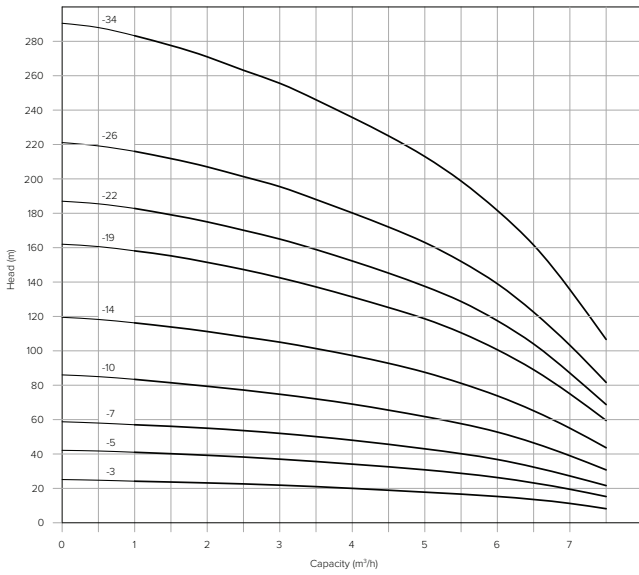
MODEL	POWER (kW)
NF-SLS 4-1-4	0.37
NF-SLS 4-1-7	0.55
NF-SLS 4-1-10	0.75
NF-SLS 4-1-15	1.1
NF-SLS 4-1-20	1.5
NF-SLS 4-1-25	2.2
NF-SLS 4-1-29	2.2
NF-SLS 4-1-35	3.0

NF-SLS 4-3

MODEL	POWER (kW)
NF-SLS 4-3-3	0.37
NF-SLS 4-3-5	0.55
NF-SLS 4-3-7	0.75
NF-SLS 4-3-10	1.1
NF-SLS 4-3-14	1.5
NF-SLS 4-3-19	2.2
NF-SLS 4-3-23	3
NF-SLS 4-3-27	3
NF-SLS 4-3-33	4

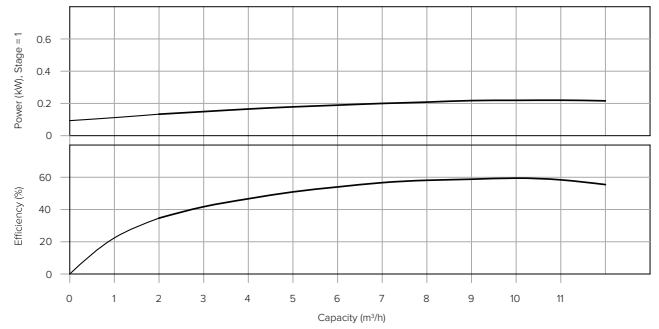
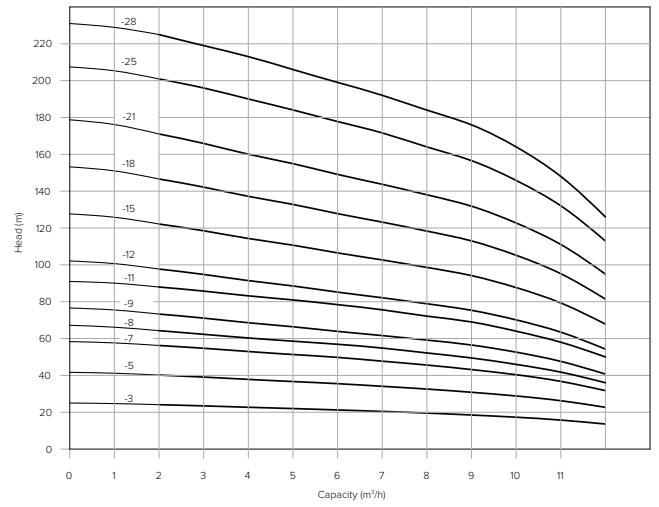
NFSLs 4-5

60Hz
3500rpm



NFSLs 4-8

60Hz
3500rpm



NF-SLS 4-5

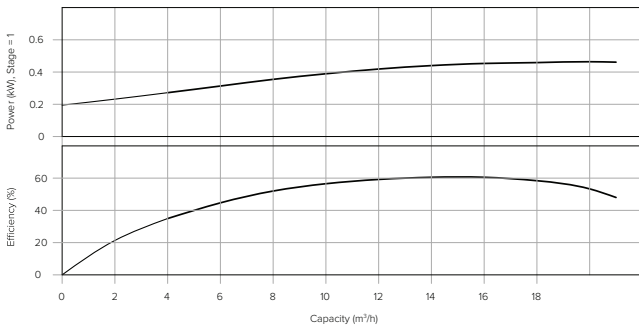
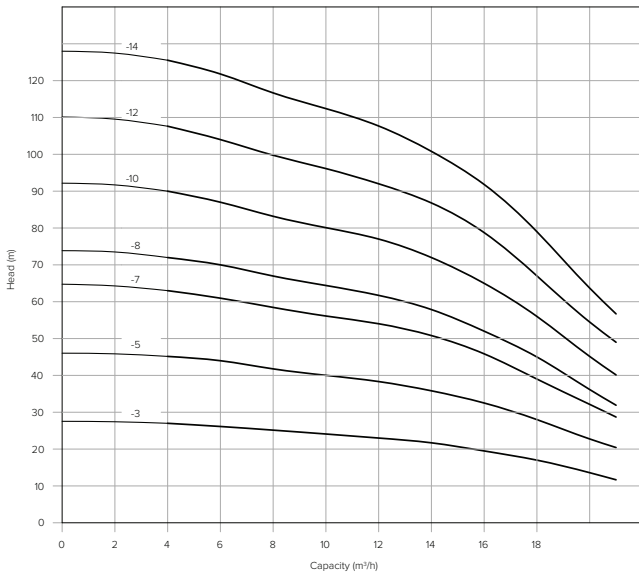
MODEL	POWER (kW)
NF-SLS 4-5-3	0.55
NF-SLS 4-5-5	0.75
NF-SLS 4-5-7	1.1
NF-SLS 4-5-10	1.5
NF-SLS 4-5-14	2.2
NF-SLS 4-5-19	3
NF-SLS 4-5-22	4
NF-SLS 4-5-26	4
NF-SLS 4-5-34	5.5

NF-SLS 4-8

MODEL	POWER (kW)
NF-SLS 4-8-3	1.1
NF-SLS 4-8-5	1.5
NF-SLS 4-8-7	2.2
NF-SLS 4-8-8	2.2
NF-SLS 4-8-9	3.0
NF-SLS 4-8-11	3.0
NF-SLS 4-8-12	4.0
NF-SLS 4-8-15	4.0
NF-SLS 4-8-18	5.5
NF-SLS 4-8-21	5.5
NF-SLS 4-8-25	7.5
NF-SLS 4-8-28	7.5

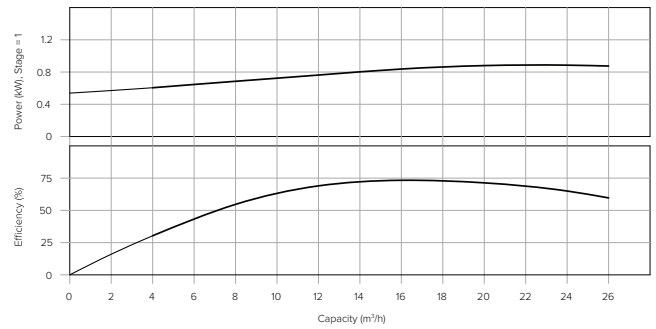
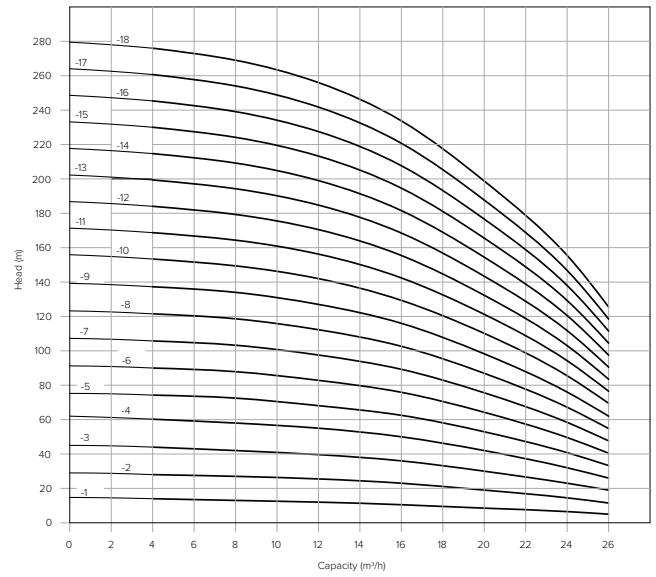
NFSLs 4-12

60Hz
3500rpm



NFSLs 6-17

60Hz
3500rpm



Electric Motor Power Rating

NF-SLS 4-12

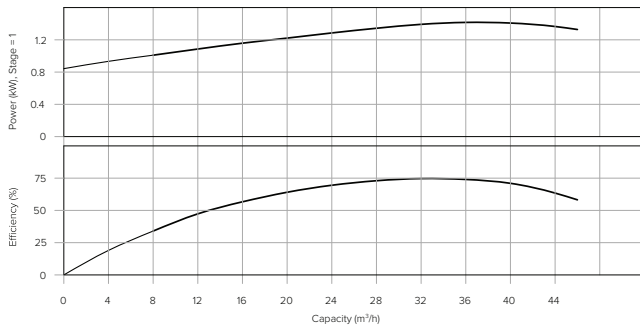
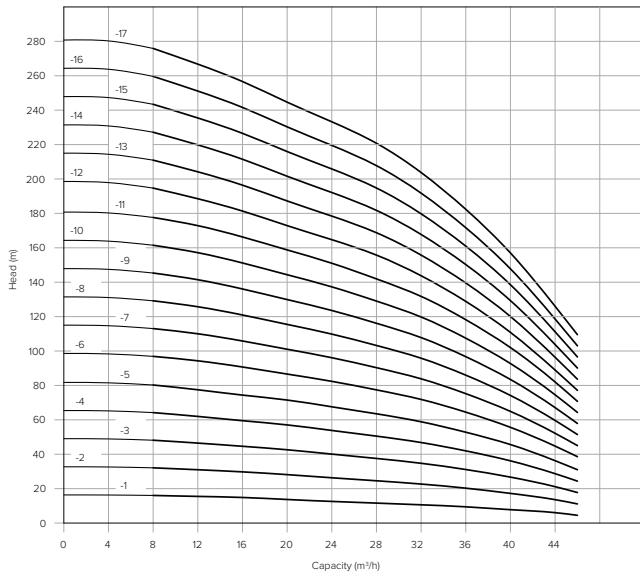
MODEL	POWER (kW)
NF-SLS 4-12-3	2.2
NF-SLS 4-12-5	3.0
NF-SLS 4-12-7	4.0
NF-SLS 4-12-8	5.5
NF-SLS 4-12-10	5.5
NF-SLS 4-12-12	7.5
NF-SLS 4-12-14	7.5

NF-SLS 6-17

MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SLS 6-17-1	1.1	NF-SLS 6-17-10	11
NF-SLS 6-17-2	2.2	NF-SLS 6-17-11	11
NF-SLS 6-17-3	3.0	NF-SLS 6-17-12	13
NF-SLS 6-17-4	4.0	NF-SLS 6-17-13	13
NF-SLS 6-17-5	5.5	NF-SLS 6-17-14	15
NF-SLS 6-17-6	7.5	NF-SLS 6-17-15	15
NF-SLS 6-17-7	7.5	NF-SLS 6-17-16	18.5
NF-SLS 6-17-8	9.2	NF-SLS 6-17-17	18.5
NF-SLS 6-17-9	9.2	NF-SLS 6-17-18	18.5

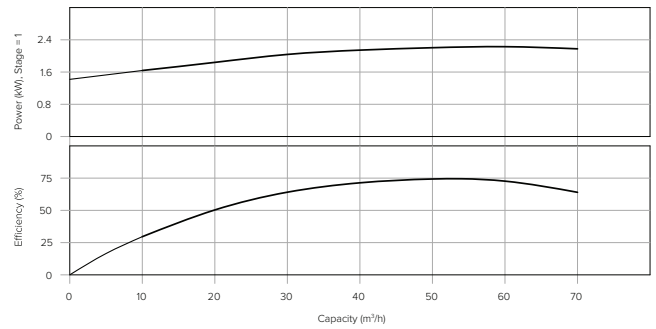
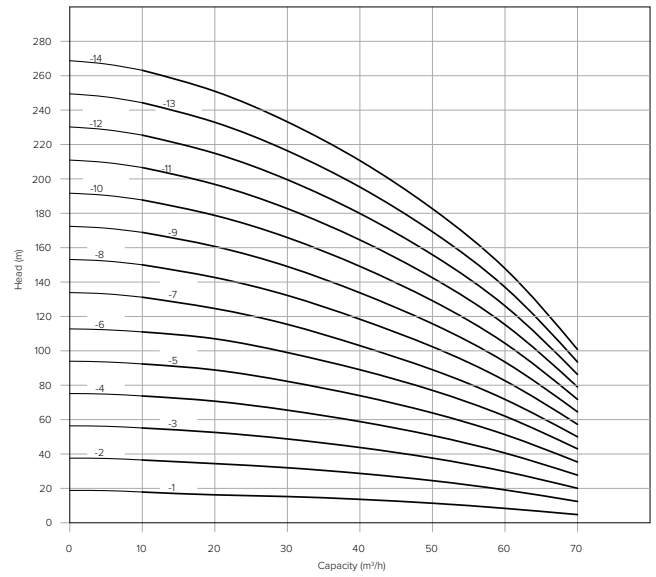
NFSLs 6-30

60Hz
3500rpm



NFSLs 6-42

60Hz
3500rpm



NF-SLS 6-30

MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SLS 6-30-1	1.5	NF-SLS 6-30-10	15
NF-SLS 6-30-2	3.0	NF-SLS 6-30-11	18.5
NF-SLS 6-30-3	5.5	NF-SLS 6-30-12	18.5
NF-SLS 6-30-4	7.5	NF-SLS 6-30-13	22
NF-SLS 6-30-5	7.5	NF-SLS 6-30-14	22
NF-SLS 6-30-6	9.2	NF-SLS 6-30-15	25
NF-SLS 6-30-7	11	NF-SLS 6-30-16	25
NF-SLS 6-30-8	13	NF-SLS 6-30-17	25
NF-SLS 6-30-9	15		

NF-SLS 6-42

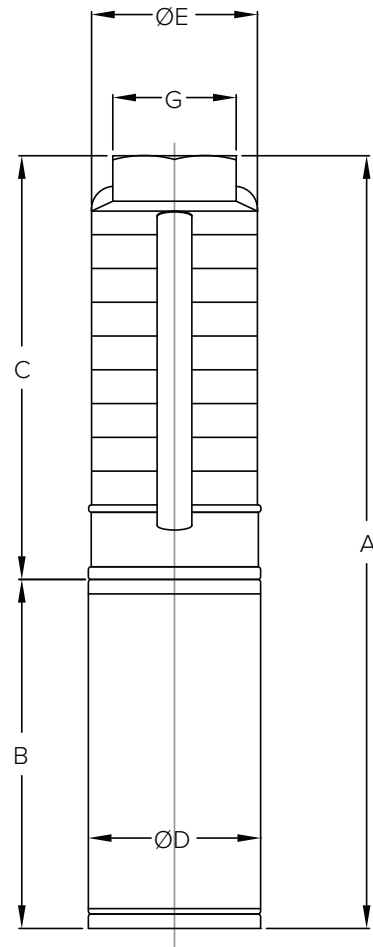
MODEL	POWER (kW)	MODEL	POWER (kW)
NF-SLS 6-42-1	3.0	NF-SLS 6-42-8	22
NF-SLS 6-42-2	5.5	NF-SLS 6-42-9	25
NF-SLS 6-42-3	9.2	NF-SLS 6-42-10	30
NF-SLS 6-42-4	11	NF-SLS 6-42-11	30
NF-SLS 6-42-5	13	NF-SLS 6-42-12	37
NF-SLS 6-42-6	18.5	NF-SLS 6-42-13	37
NF-SLS 6-42-7	18.5	NF-SLS 6-42-14	37

DIMENSIONS

50 Hz

NF-SL 4-1

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 4-1-6	657	360	297	96	13
NF-SL 4-1-9	720	360	360	96	14
NF-SL 4-1-13	824	380	444	96	16
NF-SL 4-1-17	948	420	528	96	18
NF-SL 4-1-21	1062	450	612	96	20
NF-SL 4-1-25	1146	450	696	96	21
NF-SL 4-1-28	1249	490	759	96	23
NF-SL 4-1-32	1333	490	843	96	24
NF-SL 4-1-36	1417	490	927	96	25
NF-SL 4-1-39	1550	560	990	96	30
NF-SL 4-1-42	1613	560	1053	96	31
NF-SL 4-1-46	1697	560	1137	96	32
NF-SL 4-1-50	1781	560	1221	96	33
ØE - 100			G - G 1 ¼		



NF-SL 4-3

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 4-3-6	657	360	297	96	13
NF-SL 4-3-9	740	380	360	96	15
NF-SL 4-3-12	843	420	423	96	17
NF-SL 4-3-15	936	450	486	96	19
NF-SL 4-3-18	999	450	549	96	20
NF-SL 4-3-20	1061	470	591	96	22
NF-SL 4-3-22	1123	490	633	96	22
NF-SL 4-3-27	1298	560	738	96	26
NF-SL 4-3-32	1403	560	843	96	27
NF-SL 4-3-38	1529	560	969	96	33
NF-SL 4-3-43	1634	560	1074	96	34
ØE - 100			G - G 1 ¼		

NF-SL 4-5

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 4-5-4	615	360	255	96	10
NF-SL 4-5-6	677	380	297	96	12
NF-SL 4-5-8	749	410	339	96	13
NF-SL 4-5-12	873	450	423	96	15
NF-SL 4-5-17	1028	500	528	96	19
NF-SL 4-5-21	1182	570	612	96	22
NF-SL 4-5-25	1266	570	696	96	23
NF-SL 4-5-29	1400	620	780	96	27
NF-SL 4-5-33	1484	620	864	96	28
NF-SL 4-5-38	1699	730	969	96	37
NF-SL 4-5-43	1804	730	1074	96	38
ØE - 100			G - G 1 ½		

NF-SL 4-8

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 4-8-5	835	420	415	96	20
NF-SL 4-8-7	949	450	499	96	22
NF-SL 4-8-10	1115	490	625	96	25
NF-SL 4-8-12	1269	560	709	96	29
NF-SL 4-8-15	1395	560	835	96	31
NF-SL 4-8-18	1521	560	961	96	37
NF-SL 4-8-21	1747	660	1087	96	42
NF-SL 4-8-25	1915	660	1255	96	44
NF-SL 4-8-30	2210	745	1467	96	51
NF-SL 4-8-33	2469	840	1629	96	46
NF-SL 4-8-37	2504	745	1759	96	55
NF-SL 4-8-38	2759	920	1839	96	55
NF-SL 4-8-43	2969	920	2049	96	55
NF-SL 4-8-44	2903	850	2053	96	64
NF-SL 4-8-50	3155	850	2305	96	66
ØE - 100			G - G 2		

NF-SL 4-12

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 4-12-5	1005	490	515	96	20
NF-SL 4-12-7	1205	560	645	96	22
NF-SL 4-12-10	1400	560	840	96	29
NF-SL 4-12-13	1695	660	1035	96	36
NF-SL 4-12-15	1910	745	1165	96	42
NF-SL 4-12-18	2105	745	1360	96	44
NF-SL 4-12-21	2405	850	1555	96	66
NF-SL 4-12-25	2665	850	1815	96	69
ØE - 100			G - G 2		

NF-SL 6-17

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 6-17-1	732	390	342	96	19
NF-SL 6-17-2	852	450	402	96	21
NF-SL 6-17-3	1022	560	462	96	24
NF-SL 6-17-4	1082	560	522	96	25
NF-SL 6-17-5	1142	560	582	96	28
NF-SL 6-17-6	1302	660	642	96	32
NF-SL 6-17-7	1362	660	702	96	33
NF-SL 6-17-8	1507	745	762	96	39
NF-SL 6-17-9	1567	745	822	96	40
NF-SL 6-17-10	1627	745	882	96	42
NF-SL 6-17-11	1792	850	942	96	51
NF-SL 6-17-12	1852	850	1002	96	52
NF-SL 6-17-13	1912	850	1062	96	53
NF-SL 6-17-14	1822	700	1122	138	65
NF-SL 6-17-15	1882	700	1182	138	64
NF-SL 6-17-16	1942	700	1242	138	65
NF-SL 6-17-17	2002	700	1302	138	66
NF-SL 6-17-18	2102	740	1362	138	73
NF-SL 6-17-19	2162	740	1422	138	74
NF-SL 6-17-20	2222	740	1482	138	75
NF-SL 6-17-21	2312	770	1542	138	85
NF-SL 6-17-22	2372	770	1602	138	86
NF-SL 6-17-23	2432	770	1662	138	87
NF-SL 6-17-24	2492	770	1722	138	88
NF-SL 6-17-25	2602	820	1782	138	91
NF-SL 6-17-26	2662	820	1842	138	92
ØE - 131			G - G 2½		

NF-SL 6-30

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 6-30-1	818	450	368	96	22
NF-SL 6-30-2	1024	560	464	96	25
NF-SL 6-30-3	1120	560	560	96	28
NF-SL 6-30-4	1316	660	656	96	31
NF-SL 6-30-5	1497	745	752	96	38
NF-SL 6-30-6	1593	745	848	96	40
NF-SL 6-30-7	1794	850	944	96	49
NF-SL 6-30-8	1890	850	1040	96	50
NF-SL 6-30-9	1836	700	1136	138	60
NF-SL 6-30-10	1932	700	1232	138	61
NF-SL 6-30-11	2028	700	1328	138	62
NF-SL 6-30-12	2164	740	1424	138	71
NF-SL 6-30-13	2260	740	1520	138	72
NF-SL 6-30-14	2386	770	1616	138	79
NF-SL 6-30-15	2482	770	1712	138	80
NF-SL 6-30-16	2628	820	1808	138	87
NF-SL 6-30-17	2724	820	1904	138	86
NF-SL 6-30-18	2880	880	2000	138	91
NF-SL 6-30-19	2976	880	2096	138	92
NF-SL 6-30-20	3072	880	2192	138	93
NF-SL 6-30-21	3168	880	2288	138	94
NF-SL 6-30-22	3304	920	2384	138	110
NF-SL 6-30-23	3400	920	2480	138	111
NF-SL 6-30-24	3496	920	2576	138	112
NF-SL 6-30-25	3592	920	2672	138	113
ØE - 131			G - G 3		

NF-SL 6-42

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SL 6-42-1	948	560	388	96	23
NF-SL 6-42-2	1061	560	501	96	29
NF-SL 6-42-3	1359	745	614	96	35
NF-SL 6-42-4	1577	850	727	96	41
NF-SL 6-42-5	1690	850	840	96	42
NF-SL 6-42-6	1653	700	953	138	59
NF-SL 6-42-7	1806	740	1066	138	64
NF-SL 6-42-8	1949	770	1179	138	68
NF-SL 6-42-9	2112	820	1292	138	73
NF-SL 6-42-10	2225	820	1405	138	74
NF-SL 6-42-11	2398	880	1518	138	82
NF-SL 6-42-12	2511	880	1631	138	83
NF-SL 6-42-13	2664	920	1744	138	99
NF-SL 6-42-14	2777	920	1857	138	101
NF-SL 6-42-15	2890	920	1970	138	102
NF-SL 6-42-16	3063	980	2083	138	119
NF-SL 6-42-17	3176	980	2196	138	120
NF-SL 6-42-18	3359	1050	2309	138	133
NF-SL 6-42-19	3472	1050	2422	138	134
NF-SL 6-42-20	3585	1050	2535	138	135
NF-SL 6-42-21	4388	1734	2654	138	192
NF-SL 6-42-22	4501	1734	2767	138	194
ØE - 147			G - G 3		

60 Hz

NF-SLS 4-1

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 4-1-4	625	370	255	96	12
NF-SLS 4-1-7	698	380	318	96	14
NF-SLS 4-1-10	781	400	381	96	16
NF-SLS 4-1-15	926	440	486	96	18
NF-SLS 4-1-20	1061	470	591	96	22
NF-SLS 4-1-25	1206	510	696	96	27
NF-SLS 4-1-29	1290	510	780	96	28
NF-SLS 4-1-35	1526	620	906	96	30
ØE - 100				G - G 1 ¼	

NF-SLS 4-3

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 4-3-3	604	370	234	96	12
NF-SLS 4-3-5	656	380	276	96	13
NF-SLS 4-3-7	718	400	318	96	15
NF-SLS 4-3-10	821	440	381	96	17
NF-SLS 4-3-14	935	470	465	96	20
NF-SLS 4-3-19	1080	510	570	96	25
NF-SLS 4-3-23	1274	620	654	96	28
NF-SLS 4-3-27	1358	620	738	96	29
NF-SLS 4-3-33	1614	750	864	96	32
ØE - 100				G - G 1 ¼	

NF-SLS 4-5

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 4-5-3	614	380	234	96	12
NF-SLS 4-5-5	676	400	276	96	14
NF-SLS 4-5-7	758	440	318	96	16
NF-SLS 4-5-10	851	470	381	96	19
NF-SLS 4-5-14	975	510	465	96	24
NF-SLS 4-5-19	1190	620	570	96	27
NF-SLS 4-5-22	1383	750	633	96	29
NF-SLS 4-5-26	1467	750	717	96	30
NF-SLS 4-5-34	1725	840	885	96	35
ØE - 100				G - G 1 ½	

NF-SLS 4-8

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 4-8-3	769	400	369	96	15
NF-SLS 4-8-5	893	440	453	96	18
NF-SLS 4-8-7	1007	470	537	96	21
NF-SLS 4-8-8	1089	510	579	96	26
NF-SLS 4-8-9	1131	510	621	96	26
NF-SLS 4-8-11	1325	620	705	96	29
NF-SLS 4-8-12	1367	620	747	96	29
NF-SLS 4-8-15	1623	750	873	96	31
NF-SLS 4-8-18	1839	840	999	96	37
NF-SLS 4-8-21	1965	840	1125	96	39
NF-SLS 4-8-25	2133	840	1293	96	41
NF-SLS 4-8-28	2339	920	1419	96	48
ØE - 100				G - G 2	

NF-SLS 4-12

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 4-12-3	875	470	405	96	20
NF-SLS 4-12-5	1045	510	535	96	25
NF-SLS 4-12-7	1415	750	665	96	29
NF-SLS 4-12-8	1480	750	730	96	30
NF-SLS 4-12-10	1700	840	860	96	36
NF-SLS 4-12-12	1830	840	990	96	36
NF-SLS 4-12-14	2040	920	1120	96	43
ØE - 100				G - G 2	

NF-SLS 6-17

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 6-17-1	767	440	327	96	20
NF-SLS 6-17-2	898	510	388	96	27
NF-SLS 6-17-3	1068	620	448	96	30
NF-SLS 6-17-4	1259	750	509	96	33
NF-SLS 6-17-5	1409	840	569	96	37
NF-SLS 6-17-6	1470	840	630	96	38
NF-SLS 6-17-7	1610	920	690	96	44
NF-SLS 6-17-8	1671	920	751	96	46
NF-SLS 6-17-9	1731	920	811	96	47
NF-SLS 6-17-10	1688	800	888	143	70
NF-SLS 6-17-11	1748	800	948	143	72
NF-SLS 6-17-12	1929	920	1009	143	78
NF-SLS 6-17-13	1989	920	1069	143	79
NF-SLS 6-17-14	2110	980	1130	143	87
NF-SLS 6-17-15	2170	980	1190	143	88
NF-SLS 6-17-16	22 81	1030	1251	143	96
NF-SLS 6-17-17	2341	1030	1311	143	97
NF-SLS 6-17-18	2402	1030	1372	143	98
ØE - 131		G - G 2 ½			

NF-SLS 6-30

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 6-30-1	832	470	362	96	22
NF-SLS 6-30-2	1078	620	458	96	29
NF-SLS 6-30-3	1304	750	554	96	33
NF-SLS 6-30-4	1490	840	650	96	38
NF-SLS 6-30-5	1666	920	746	96	45
NF-SLS 6-30-6	1658	800	858	143	69
NF-SLS 6-30-7	1754	800	954	143	71
NF-SLS 6-30-8	1970	920	1050	143	78
NF-SLS 6-30-9	2126	980	1146	143	87
NF-SLS 6-30-10	2222	980	1242	143	89
NF-SLS 6-30-11	2368	1030	1338	143	96
NF-SLS 6-30-12	2524	1090	1434	143	105
NF-SLS 6-30-13	2620	1090	1530	143	107
NF-SLS 6-30-14	2716	1090	1626	143	109
NF-SLS 6-30-15	2862	1140	1722	143	125
NF-SLS 6-30-16	2958	1140	1818	143	127
NF-SLS 6-30-17	3054	1140	1914	143	129
ØE - 131		G - G 3			

NF-SLS 6-42

Model	Size (mm)				Weight (kg)
	A	B	C	ØD	
NF-SLS 6-42-1	998	620	378	96	31
NF-SLS 6-42-2	1331	840	491	96	38
NF-SLS 6-42-3	1524	920	604	96	45
NF-SLS 6-42-4	1533	800	733	143	68
NF-SLS 6-42-5	1826	980	846	143	83
NF-SLS 6-42-6	1989	1030	959	143	91
NF-SLS 6-42-7	2162	1090	1072	143	100
NF-SLS 6-42-8	2275	1090	1185	143	102
NF-SLS 6-42-9	2438	1140	1298	143	118
NF-SLS 6-42-10	2551	1140	1411	143	120
NF-SLS 6-42-11	2704	1180	1524	143	134
NF-SLS 6-42-12	2867	1230	1637	143	150
NF-SLS 6-42-13	2980	1230	1750	143	152
NF-SLS 6-42-14	3173	1310	1863	143	170
ØE - 131		G - G 3			



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