

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

End suction centrifugal pumps in accordance with EN 733 (ex DIN 24255) made of stainless steel **AISI 304** (3 series) and **AISI 316L** (3L series), applications include water boosting, heating systems, air-conditioning, washing systems and many other industrial applications. WRAS approved pumps are available upon request.



SPECIFICATIONS

- Maximum working pressure: 10 bar
- Liquid temperature: from -10°C to +110°C
- 110° C for H version

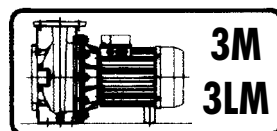
MATERIALS

- Pump body, impeller, casing cover and shaft in AISI 304 (3 series), in AISI 316L (3L series)
- Mechanical seal in carbon/ceramic/NBR for standard version (3 series), in SiC/SiC/FPM (3L series)
- Mechanical seal in carbon/ceramic/Viton for H version
- Mechanical seal on SiC/SiC/FPM for HS version

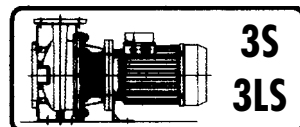
TECHNICAL DATA

- Asynchronous 2 and 4 poles motor
- Insulation class F
- Protection degree IP55
- 1~230±10%
- 3~230/400V ± 10% 50Hz up to 4kW included, 400/690V ±10% above
- Thermal protection to be provided by the user

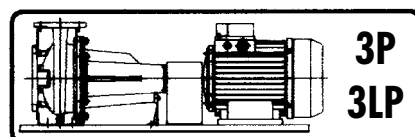
Available in 4 different versions, 2 and 4 poles



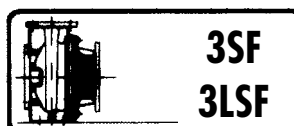
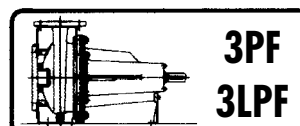
monobloc with extended motor shaft



monobloc with standard motor and flexible coupling



on basement with standard motor and flexible coupling

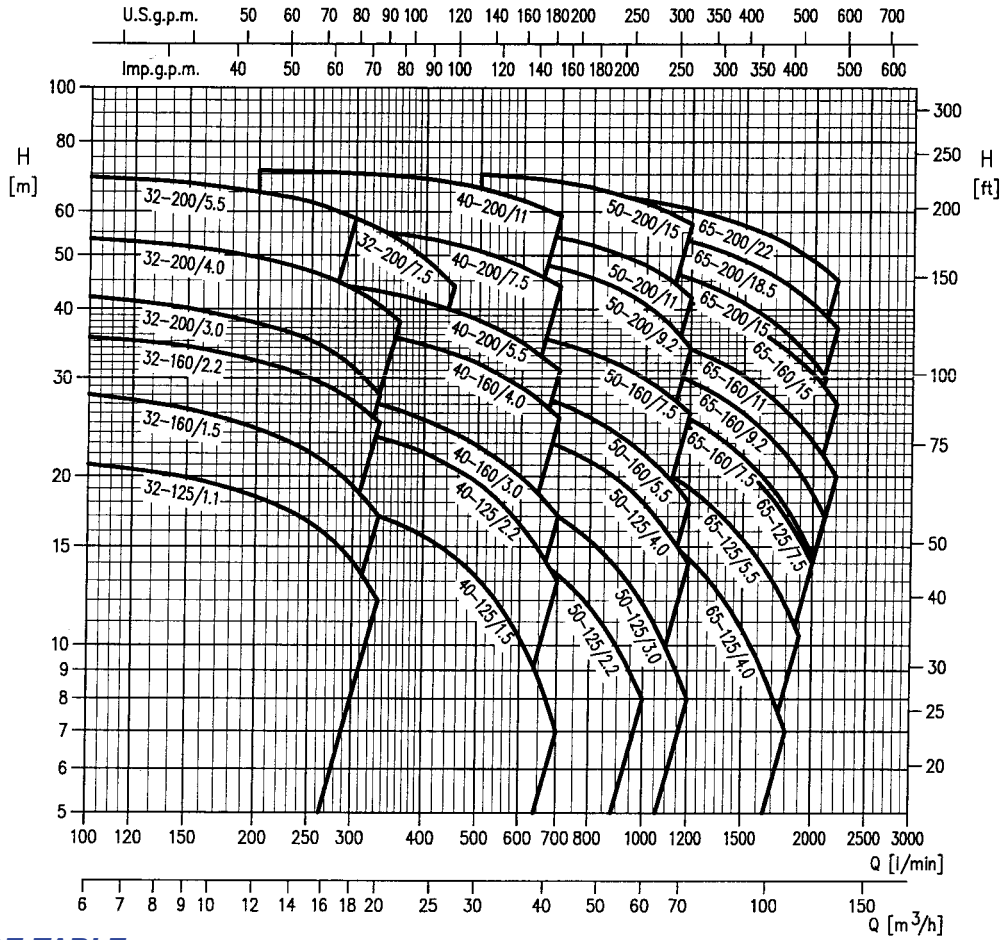


bare shaft pump

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

PERFORMANCE CHART at 2900 min⁻¹ (according to ISO 9906 Annex A)



PERFORMANCE TABLE

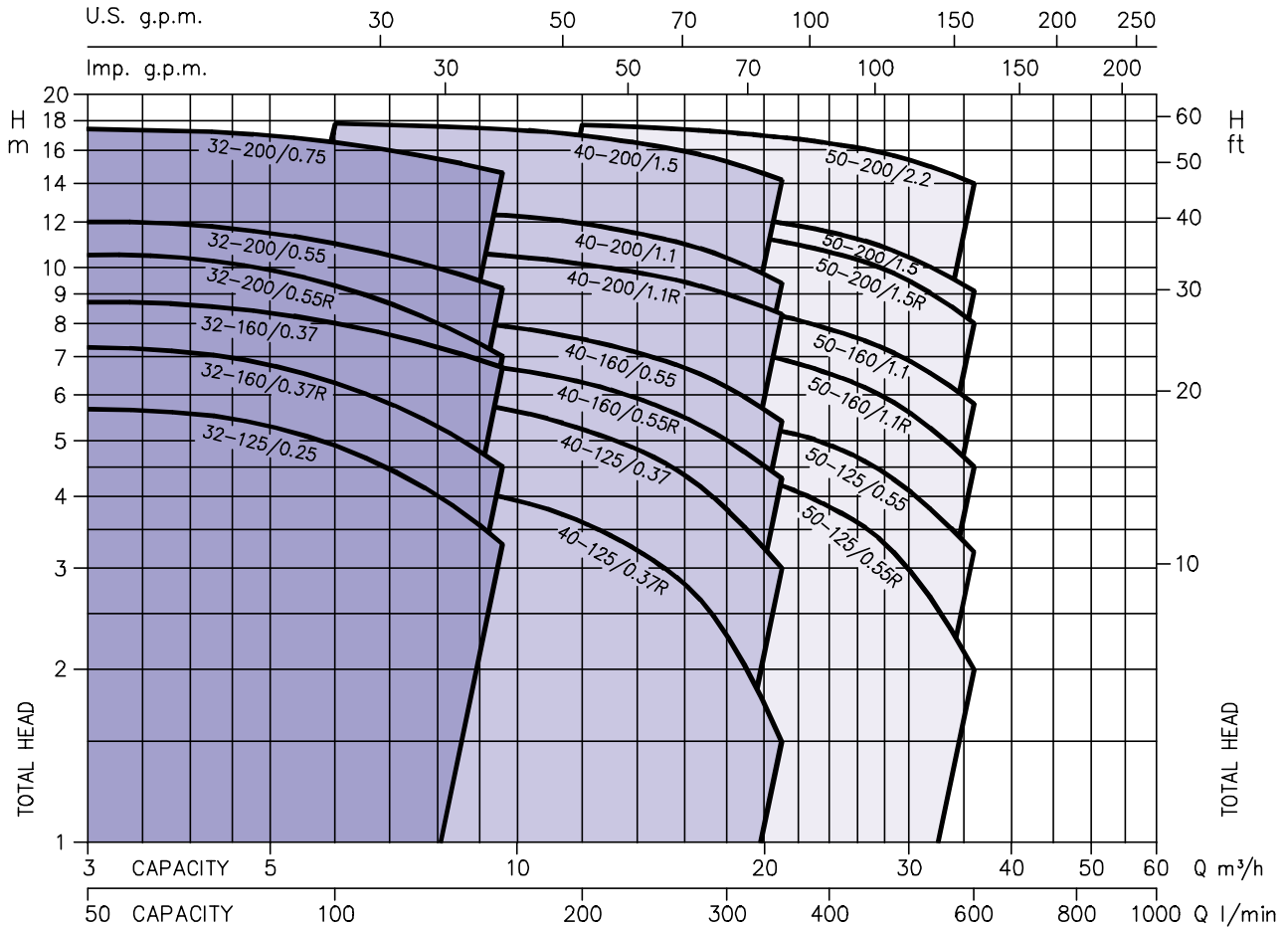
Pump type 3(L)M	kW	HP	Absorbed Current (A)			Q=Capacity																			
			Three-phase			H=Total head																			
			230V	400V	690V	0	100	150	200	300	333	360	400	450	500	600	700	800	1000	1200	1500	1800	1900	2000	2100
32-125/1.1 (M)	1.1	-	5.0	2.9	-	22.5	21	19.9	18.4	14.1	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-160/1.5 (M)	1.5	-	5.9	3.4	-	29.5	28	26.5	24.5	19.2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-160/2.2 (M)	2.2	-	8.3	4.8	-	37	35.5	34	32	27	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/3.0	3.0	-	11.8	6.8	-	44	42	40	37.5	31	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/4.0	4.0	-	15.6	9.0	-	55	53.5	52	49.5	43.5	40.5	38	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/5.5	5.5	-	-	11.8	6.8	70.5	69	67.5	65	58.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
32-200/7.5	7.5	10	-	-	-	70.5	69	67.5	65	58.3	55.5	53	49	44	-	-	-	-	-	-	-	-	-	-	-
40-125/1.5 (M)	1.5	-	5.9	3.4	-	20	-	-	19	17.6	17	16.5	15.7	14.5	13.2	10.3	7	-	-	-	-	-	-	-	-
40-125/2.2 (M)	2.2	-	8.3	4.8	-	26.5	-	-	25.5	24	23.5	23	22	21	19.5	16.4	13	-	-	-	-	-	-	-	-
40-160/3.0	3.0	-	11.8	6.8	-	31	-	-	29.5	27.5	27	26.5	25.5	24	22.5	20	17	-	-	-	-	-	-	-	-
40-160/4.0	4.0	-	15.9	9.2	-	40	-	-	38.5	37	36	35.5	34.5	33	32	29	25.5	-	-	-	-	-	-	-	-
40-200/5.5	5.5	-	-	11.1	6.4	47	-	-	45.5	44	43	42.5	41	39.5	38	35	31	-	-	-	-	-	-	-	-
40-200/7.5	7.5	-	-	15.1	8.7	58	-	-	57	55.5	55	54.5	53.5	52.5	51	47.5	44	-	-	-	-	-	-	-	-
40-200/11	11	-	-	20.0	11.6	72	-	-	71	70	70	69.5	68.5	67.5	66	63	59	-	-	-	-	-	-	-	-
50-125/2.2 (M)	2.2	-	8.3	4.8	-	19	-	-	-	-	-	-	17.5	17	16.3	14.9	13.4	11.7	8	-	-	-	-	-	-
50-125/3.0	3.0	-	11.8	6.8	-	22	-	-	-	-	-	-	20.5	20	19.6	18.4	17	15.4	11.8	8	-	-	-	-	-
50-125/4.0	4.0	-	15.9	9.2	-	26.5	-	-	-	-	-	-	26	25.5	25	24	22.5	21.5	17.9	14	-	-	-	-	-
50-160/5.5	5.5	-	-	11.5	6.6	33	-	-	-	-	-	-	31	30.5	30	28.5	27	25.5	22	18	-	-	-	-	-
50-160/7.5	7.5	-	-	15.5	9.0	40	-	-	-	-	-	-	38.5	38	37.5	36	35	33.5	30	26	-	-	-	-	-
50-200/9.2	9.2	-	-	17.4	10.0	53	-	-	-	-	-	-	-	-	50	49	47.5	45.5	40.5	34	-	-	-	-	-
50-200/11	11	-	-	22.0	12.7	59	-	-	-	-	-	-	-	-	56	55	54	52	48	42	-	-	-	-	-
50-200/15	15	-	-	31.3	18.0	72	-	-	-	-	-	-	-	-	70	69	68	66	62	57	-	-	-	-	-
65-125/4.0	4	5.5	-	-	-	22.5	-	-	-	-	-	-	-	-	20	19.4	18.5	16.5	14.3	10.7	7	-	-	-	-
65-125/5.5	5.5	7.5	-	-	-	27	-	-	-	-	-	-	-	-	25	24.5	23.5	21.5	19.1	15.5	11.7	10.4	-	-	-
65-125/7.5	7.5	10	-	-	-	32	-	-	-	-	-	-	-	-	30.5	29.5	29	27	24.5	21	16.8	15.4	14	-	-
65-160/7.5	7.5	10	-	-	-	32	-	-	-	-	-	-	-	-	30	29	27	25.5	21.5	17.5	16	14.5	-	-	-
65-160/9.2	9.2	12.5	-	-	-	36.5	-	-	-	-	-	-	-	-	34.5	34	32	29.5	26	21.5	20	18.6	17	-	-
65-160/11	11	15	-	-	-	40.5	-	-	-	-	-	-	-	-	38.5	38	36	34	30.5	26	24.5	23	21.5	20	
65-160/15	15	20	-	-	-	48	-	-	-	-	-	-	-	-	45.5	45	43	41	37.5	33.5	32	30.5	29	27	
65-200/15	15	20	-	-	-	54	-	-	-	-	-	-	-	-	51	50	48	45.5	41	36	34	32	30	-	
65-200/18.5	18.5	25	-	-	-	60.5	-	-	-	-	-	-	-	-	58.5	57.5	55.5	53	49	44	42.5	40.5	39	37	
65-200/22	22	30	-	-	-	67	-	-	-	-	-	-	-	-	65.5	65	63	60.5	56.5	52	50.5	48.5	47	45	

(M) Single-phase

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

PERFORMANCE CHART at 1450 min⁻¹ (according to ISO 9906 Annex A)



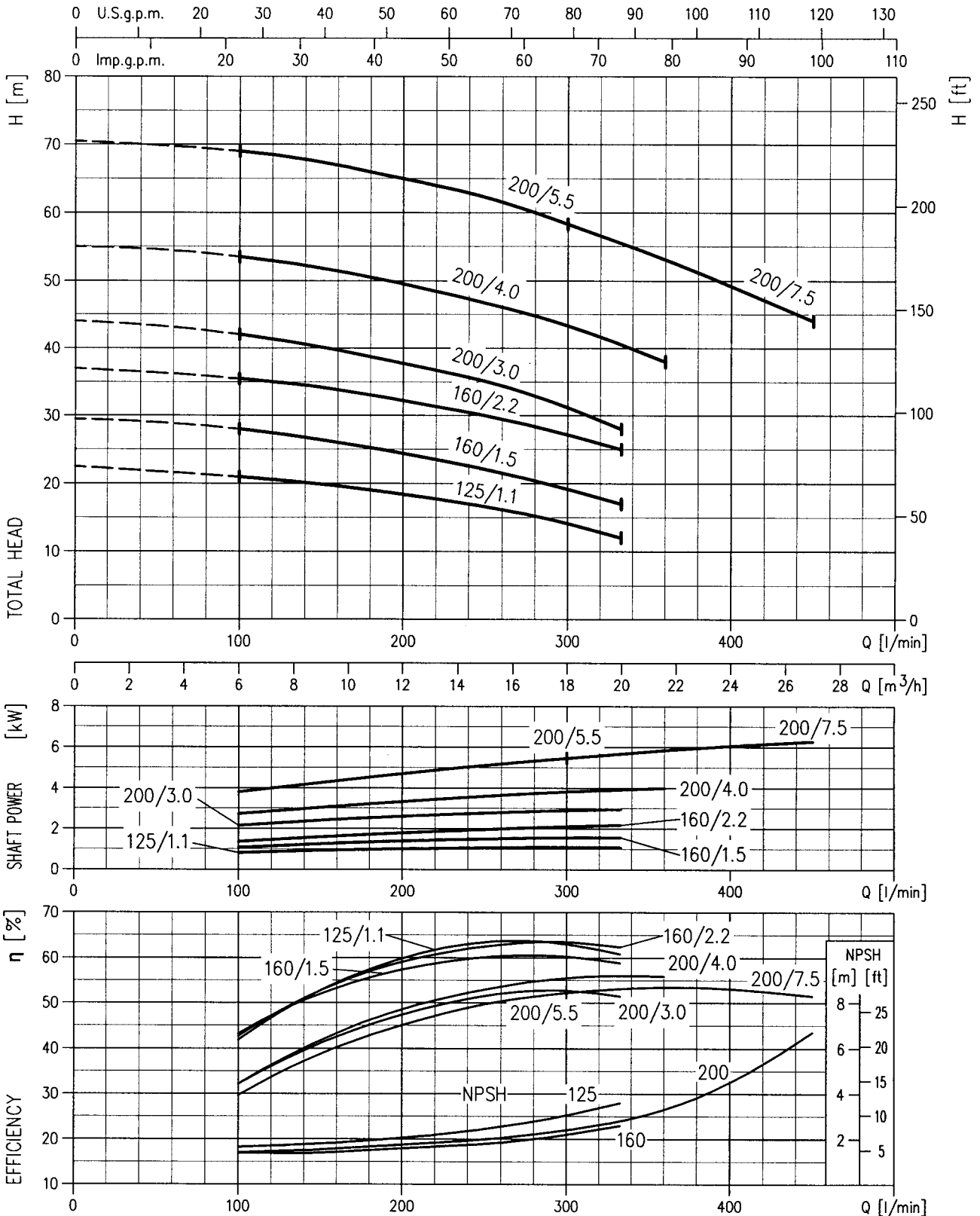
PERFORMANCE TABLE

Pump type 3(L)M4	kW	Absorbed Current (A)		l/min m³/h	Q=Capacity									
		Three-phase			50	100	160	200	250	300	350	400	500	600
		230V	400V		3	6	9,6	12	15	18	21	24	30	36
32-125/0.25	0,25	1,4	0,8	5,6	4,9	3,3	-	-	-	-	-	-	-	-
32-160/0.37R	0,37	1,4	0,8	7,2	6,3	4,5	-	-	-	-	-	-	-	-
32-160/0.37	0,37	1,6	0,9	8,7	8	6,7	-	-	-	-	-	-	-	-
32-200/0.55R	0,55	1,9	1,1	10,5	9,3	7	-	-	-	-	-	-	-	-
32-200/0.55	0,55	2,1	1,2	12	11	9,2	-	-	-	-	-	-	-	-
32-200/0.75	0,75	3,1	1,8	17,3	16,5	14,6	-	-	-	-	-	-	-	-
40-125/0.37R	0,37	1,5	0,9	-	4,5	4	3,6	3	2,3	1,5	-	-	-	-
40-125/0.37	0,37	1,6	0,9	-	6,2	5,7	5,2	4,6	3,8	3	-	-	-	-
40-160/0.55R	0,55	1,9	1,1	-	7,2	6,7	6,3	5,7	5	4,3	-	-	-	-
40-160/0.55	0,55	2,1	1,2	-	8,5	7,9	7,5	6,9	6,2	5,4	-	-	-	-
40-200/1.1R	1,1	3,5	2,0	-	11	10,5	10,1	9,6	9	8,3	-	-	-	-
40-200/1.1	1,1	3,8	2,2	-	12,7	12,3	11,9	11,2	10,4	9,4	-	-	-	-
40-200/1.5	1,5	6,4	3,7	-	17,8	17,4	16,9	16,2	15,3	14,2	-	-	-	-
50-125/0.55R	0,55	1,7	1,0	-	-	-	4,9	4,7	4,4	4,2	3,8	3	2	-
50-125/0.55	0,55	2,1	1,2	-	-	-	5,8	5,6	5,4	5,2	4,9	4,1	3,2	-
50-160/1.1R	1,1	3,5	2,0	-	-	-	7,7	7,5	7,2	6,9	6,5	5,6	4,5	-
50-160/1.1	1,1	3,8	2,2	-	-	-	9	8,8	8,5	8,2	7,8	6,9	5,8	-
50-200/1.5R	1,5	5,2	3,0	-	-	-	12,1	11,8	11,5	11,1	10,6	9,5	8	-
50-200/1.5	1,5	5,5	3,2	-	-	-	13	12,7	12,3	11,9	11,5	10,5	9,1	-
50-200/2.2	2,2	8,7	5,0	-	-	-	17,7	17,5	17,2	16,8	16,4	15,4	14	-

3-3L SERIES

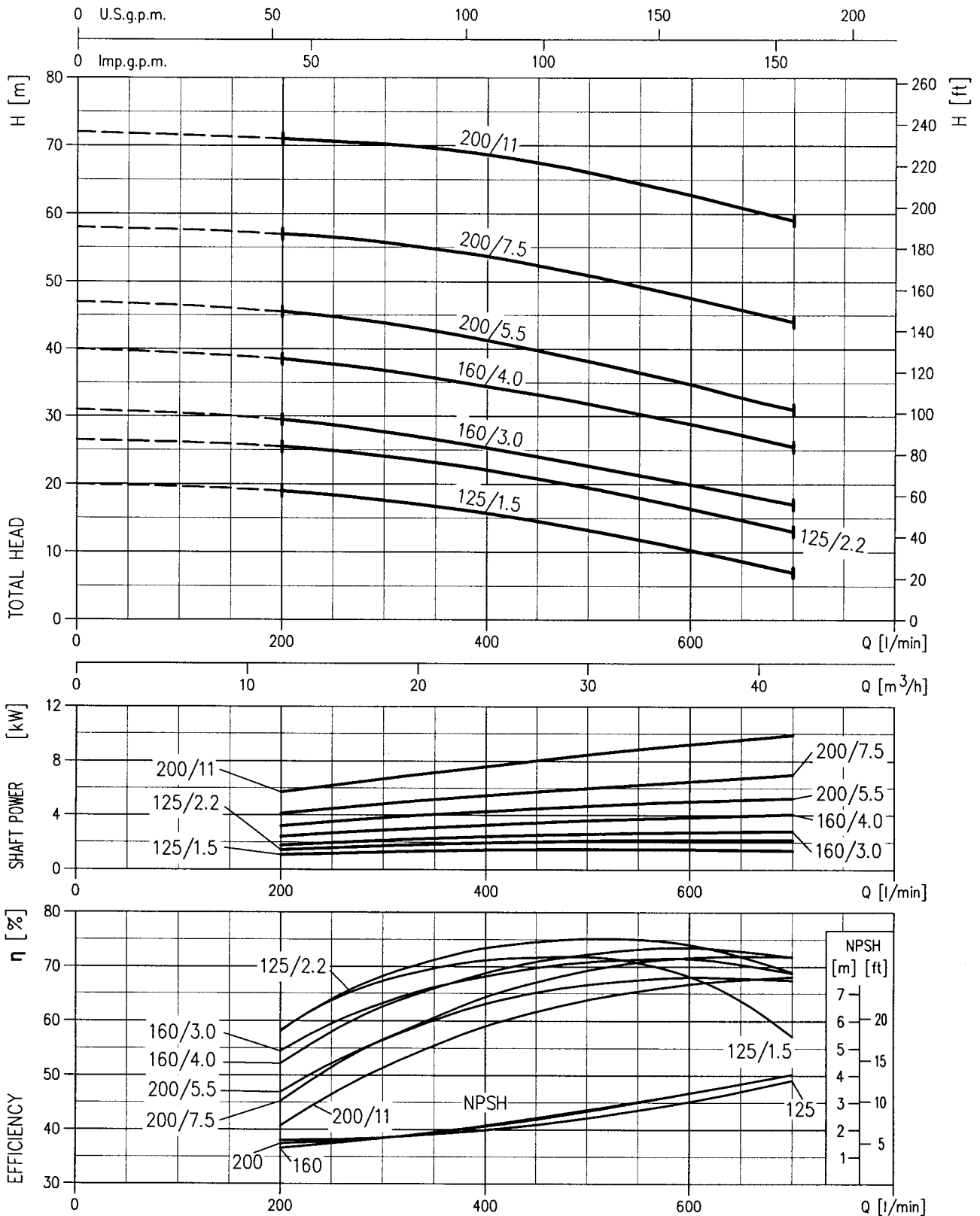
CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 32 at 2900 min⁻¹ (according to ISO 9906 Annex A)



PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 40 at 2900 min⁻¹

(according to ISO 9906 Annex A)

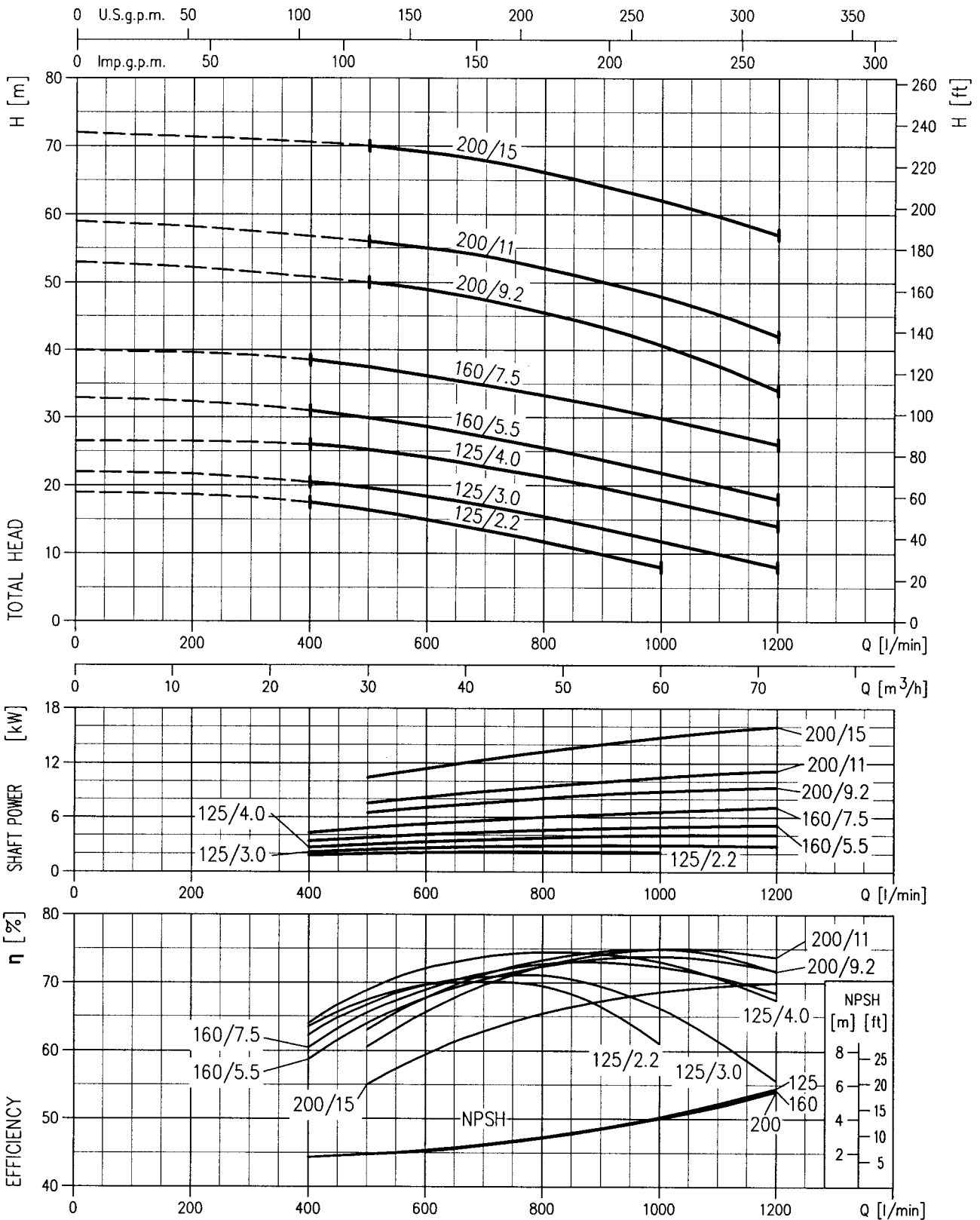


3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 50 at 2900 min⁻¹

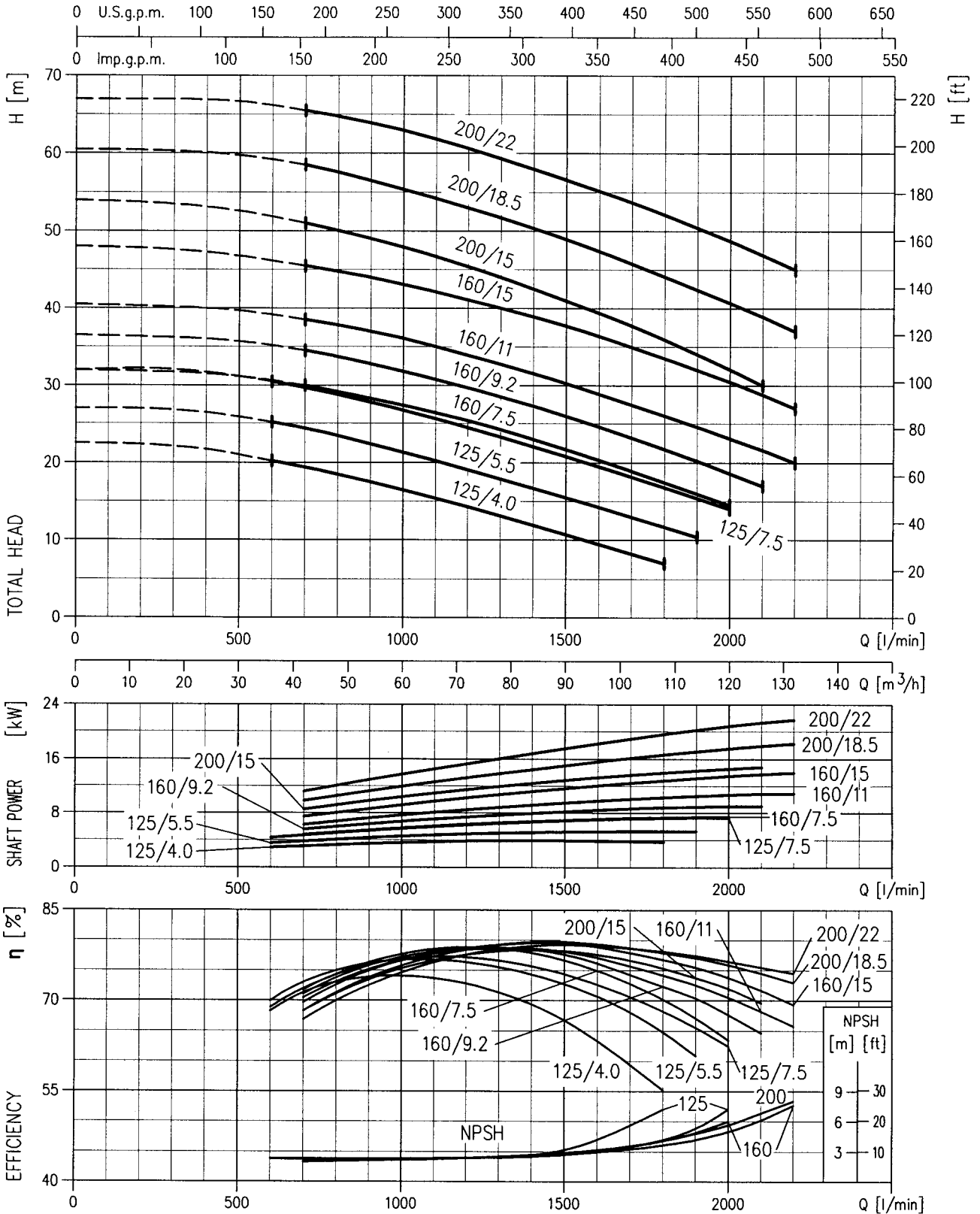
(according to ISO 9906 Annex A)



3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

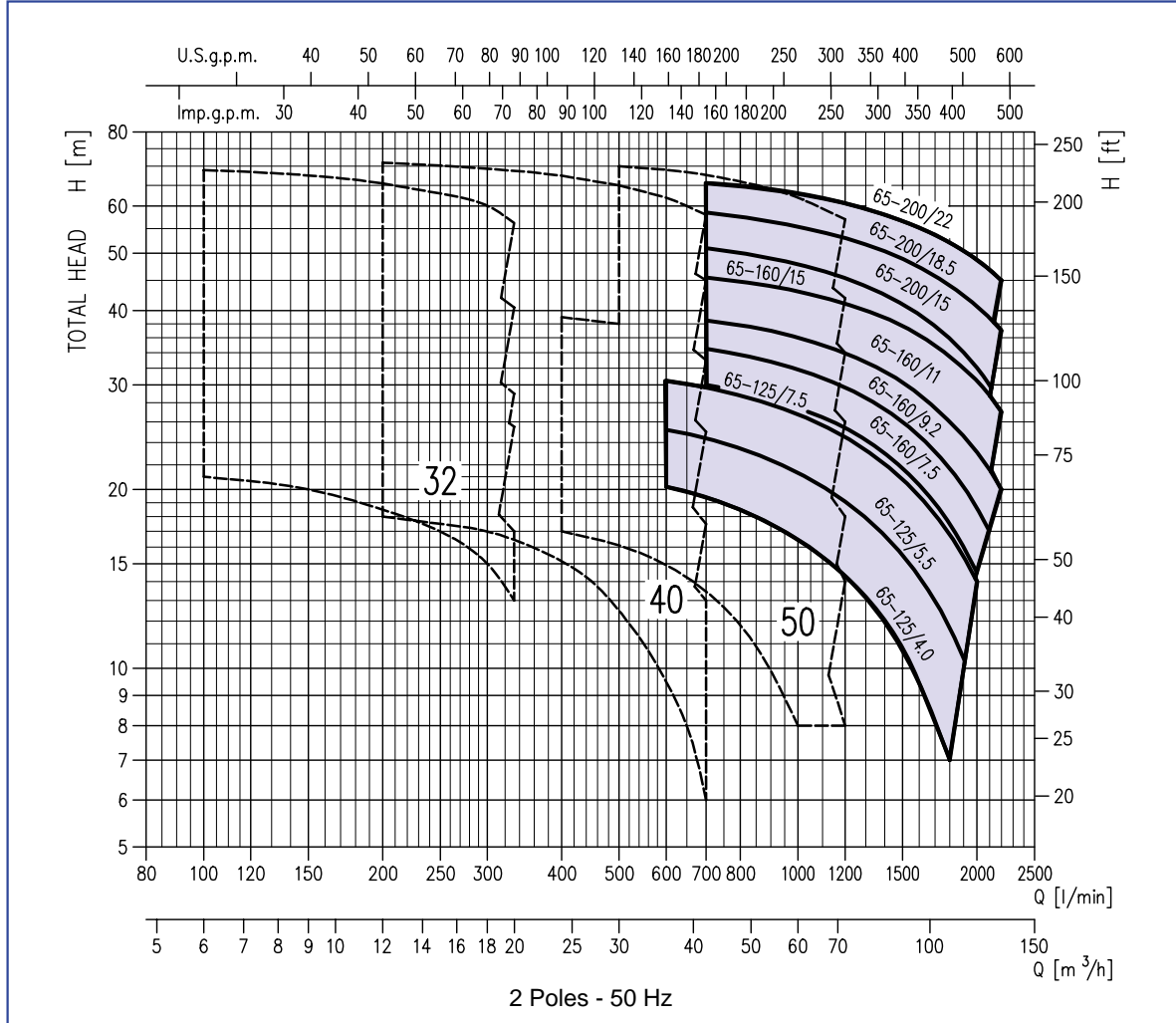
PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 65 at 2900 min⁻¹ (according to ISO 9906 Annex A)



3M-3S-3P 65 PERFORMANCE CHART



Range Enlargement



3M 65



3S 65



3P 65

APPLICATIONS

- Water supply for civil, agricultural and industrial systems
- Pressure boosting
- Fire-fighting systems
- Heating and air-conditioning systems
- Irrigation
- Cooling towers
- Swimming pools
- Washing systems
- Emptying

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

3M-3S-3P 65



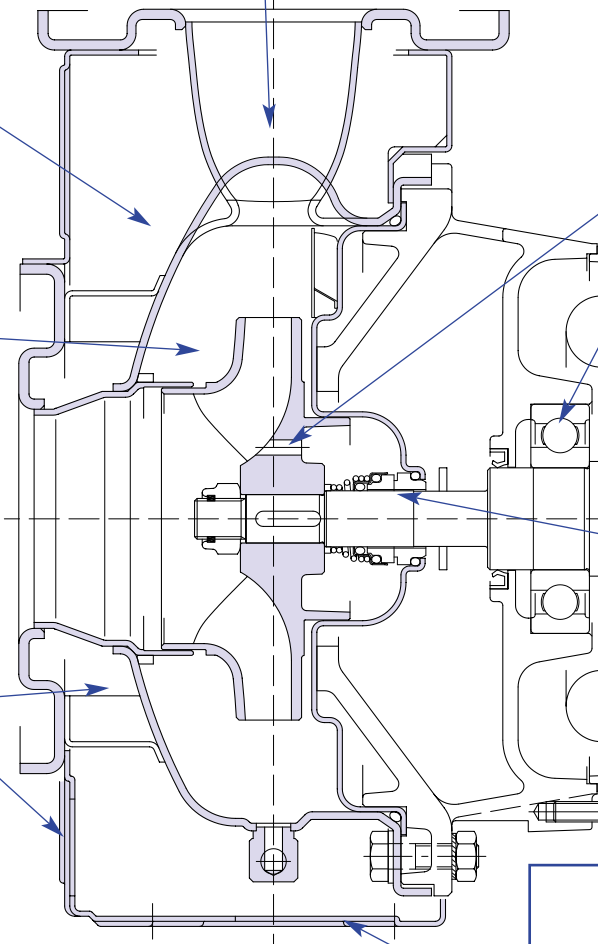
EBARA Advanced Technology

Casing has been tested to a pressure of 14 bar for a test sequence in excess of 1 million cycles.

The hydro-forming process to obtain the integrated volute is patented. The volute offers higher efficiency than circular casing and the absence of a circular welding guarantees a good corrosion resistance.

Volute forming Volute

High efficiency impeller design - giving efficiencies up to 80%. Bronze impeller, forecasted impeller in AISI 316.



Hydraulically balanced impeller - reducing axial thrust and prolonging bearing life.

Standard DIN mechanical seal - allowing for a range of seal materials to suit the pumped medium.

Robust structural design - reducing the possible effects of pipe strain and subsequent casing deformation.

Casing

"Back Pull Out" design - allowing for the removal of the motor/impeller assembly, whilst leaving the casing in situ.

3 SERIES PERFORMANCE DATA
Capacity up to 132 m ³ /h
Total head up to 72 m

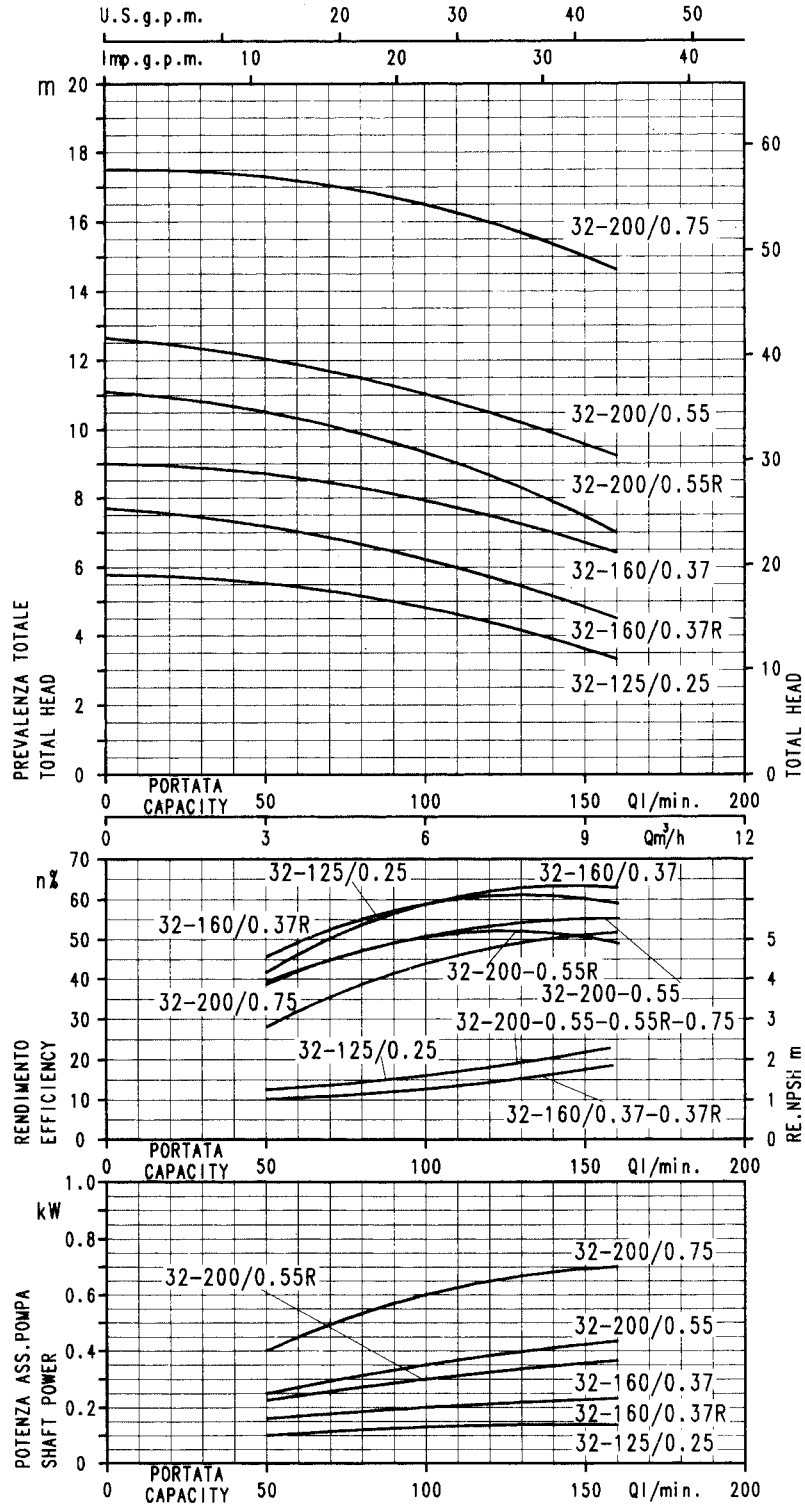
Please **contact** our **Sales Network** for complete technical and performance data of the complete range (including 4 poles and 60 Hz versions).

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 32 at 1450 min⁻¹

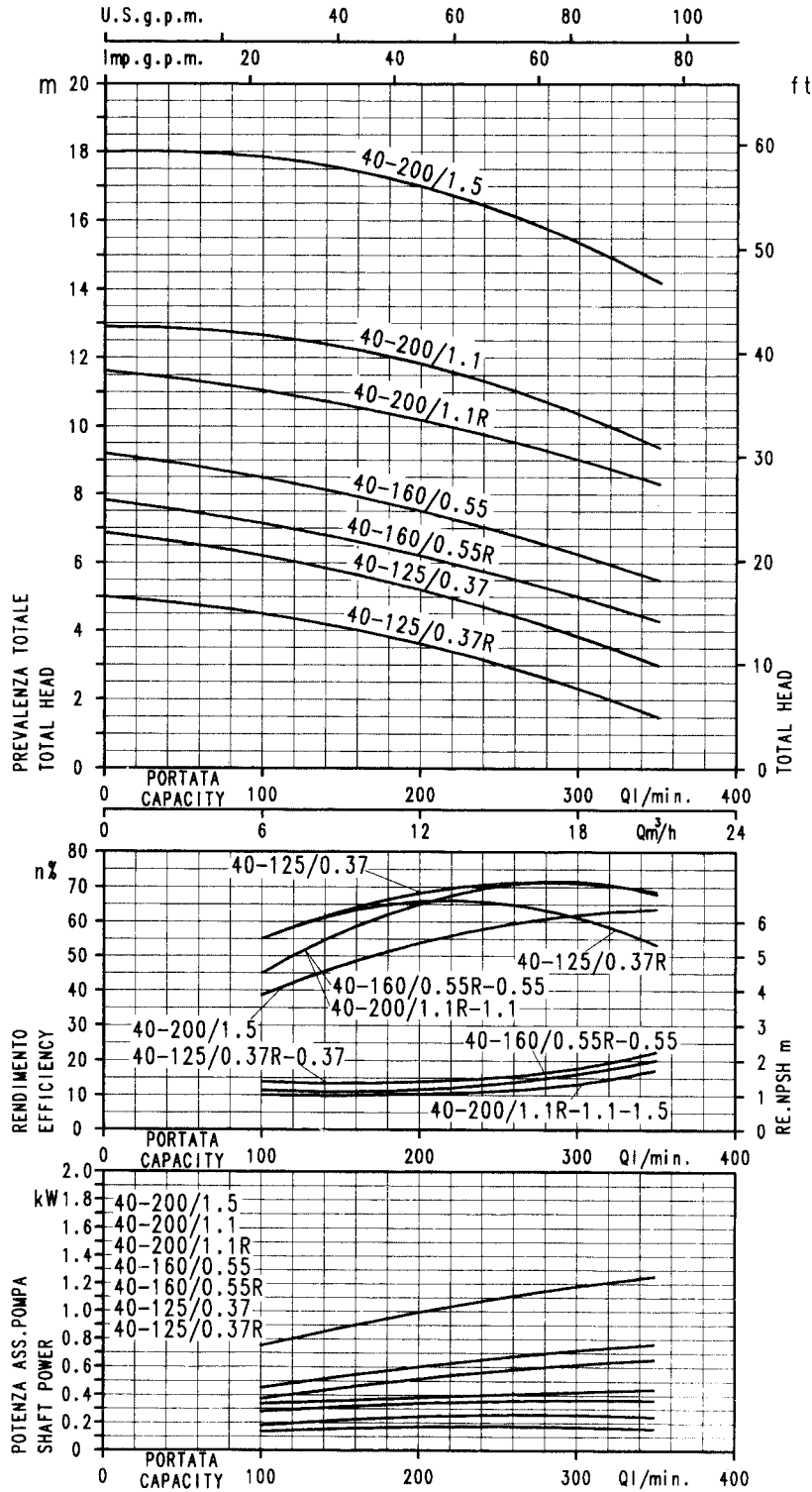
(according to ISO 9906 Annex A)



3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

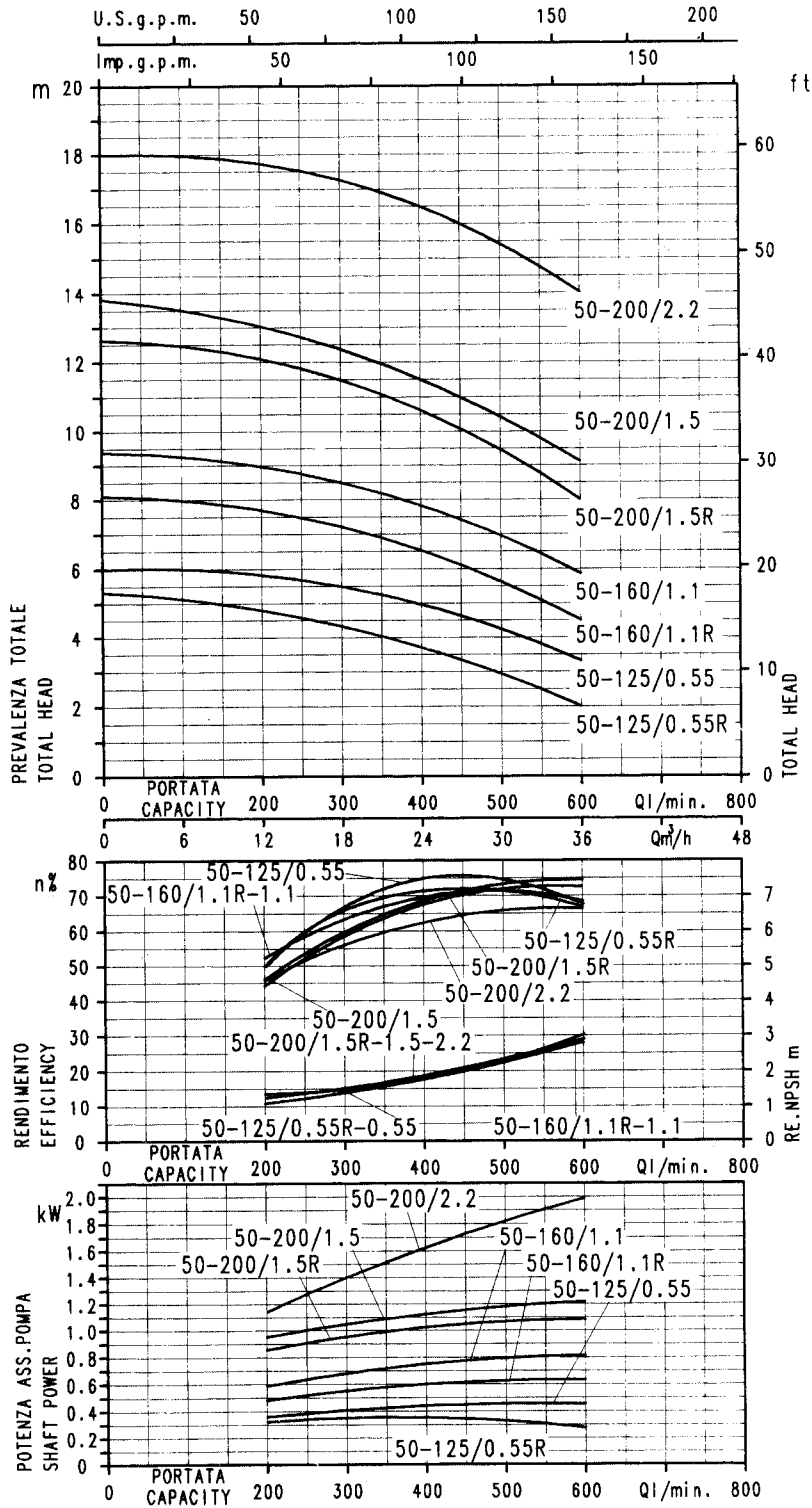
PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 40 at 1450 min⁻¹ (according to ISO 9906 Annex A)



3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

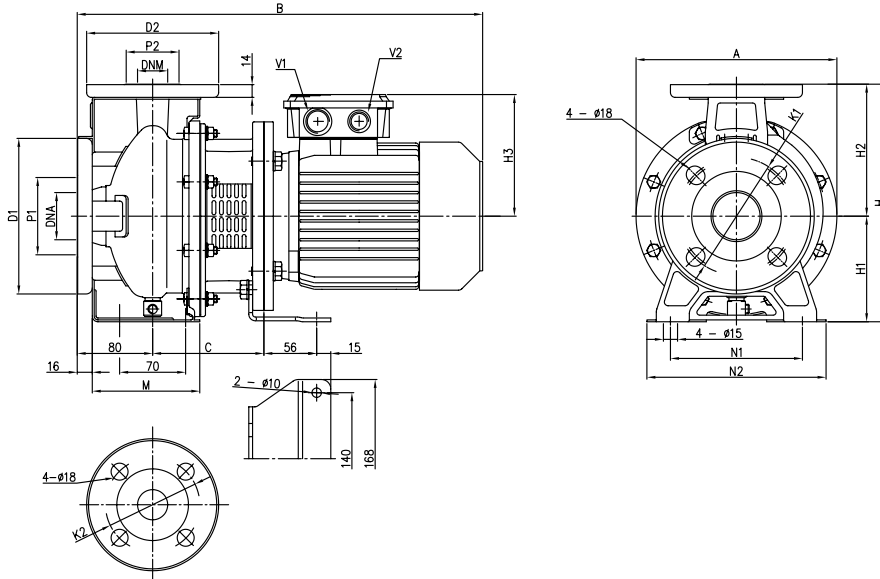
PERFORMANCE CURVES 3(L)M-3(L)S-3(L)P 50 at 1450 min⁻¹ (according to ISO 9906 Annex A)



3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

3(L)S

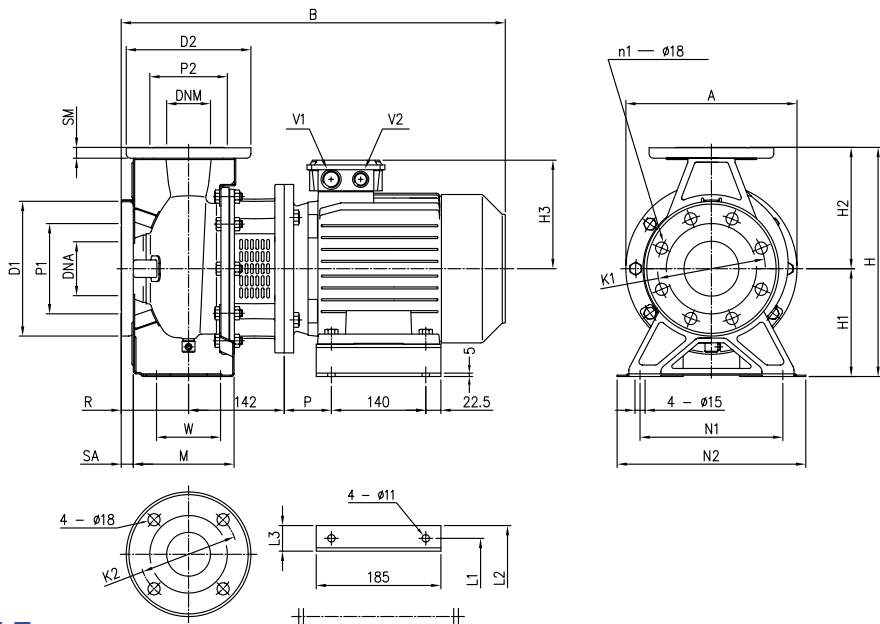


DIMENSIONAL TABLE

Pump type 3(L)S	Dimensions (mm)																				Weight kg	
	∅ DNA	∅ P1	∅ K1	∅ D1	∅ DNM	∅ P2	∅ K2	∅ D2	H	H1	H2	H3		N1	M	N2	A	B	C	V1		V2
32-125/1,1 (M)	50	96	125	165	32	76	100	140	252	112	140	129	150	140	114	190	213	430	118	PG 16	PG 13,5	23,1
32-160/1,5 (M)	50	96	125	165	32	76	100	140	292	132	160	138	160	190	118	240	254	477	130	PG 16	PG 13,5	28,5
32-160/2,2 (M)	50	96	125	165	32	76	100	140	292	132	160	138	160	190	118	240	254	477	130	PG 16	PG 13,5	32,4
40-125/1,5 (M)	65	116	145	185	40	81	110	150	252	112	140	138	160	160	114	210	213	477	130	PG 16	PG 13,5	26,5
40-125/2,2 (M)	65	116	145	185	40	81	110	150	252	112	140	138	160	160	114	210	213	477	130	PG 16	PG 13,5	29,6
50-125/2,2 (M)	65	116	145	185	50	95	125	165	292	132	160	138	160	190	138	240	254	497	130	PG 16	PG 13,5	32,9

[1] 3-
[2] 1-

3(L)S



DIMENSIONAL TABLE

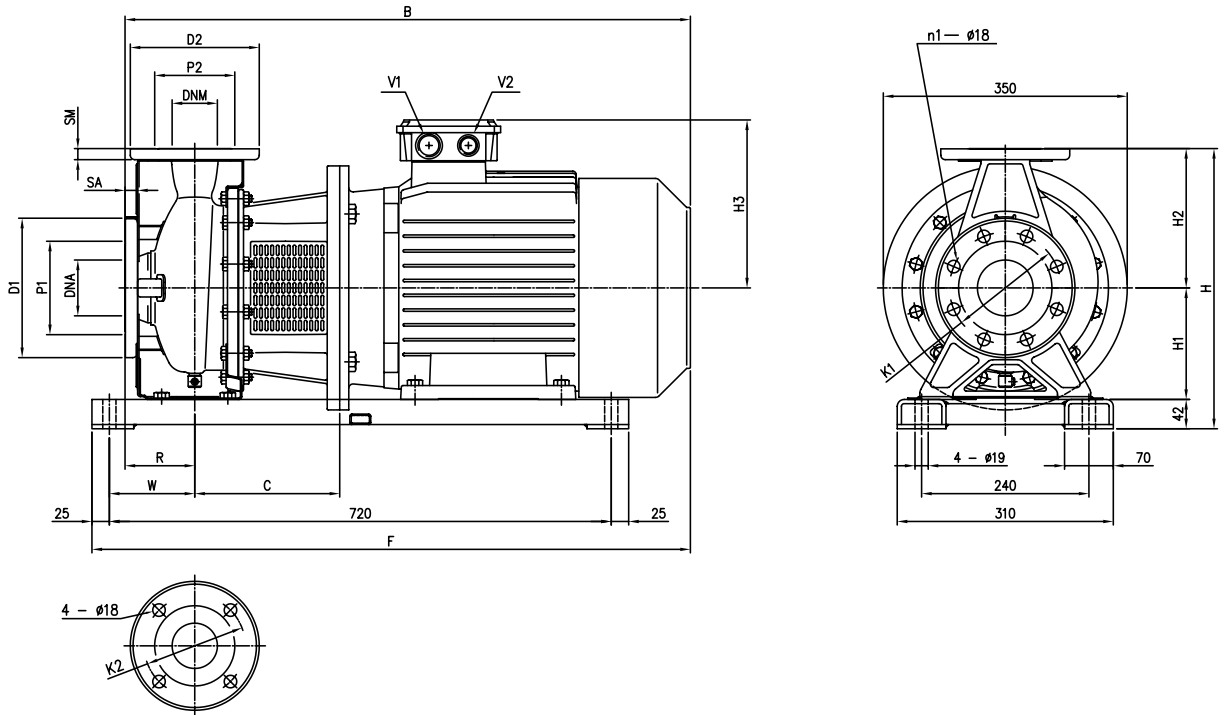
Pump type 3(L)S	Dimensions (mm)																										Weight kg			
	∅ DNA	∅ P1	n1	∅ K1	∅ D1	SA	∅ DNM	∅ P2	∅ K2	∅ D2	SM	H	H1	H2	H3	R	W	N1	M	N2	A	B	L1	L2	L3	P		V1	V2	
32-200/3,0	50	96	4	-	125	165	16	32	76	100	140	14	340	160	180	145	80	70	190	119	240	294	528	160	202	42	63	PG 16	PG 13,5	43,4
32-200/4,0	50	96	4	-	125	165	16	32	76	100	140	14	340	160	180	161	80	70	190	119	240	294	550	190	228	38	70	PG 16	PG 13,5	45,9
65-125/4,0	80	134	8	4	160	200	18	65	115	145	185	16	340	160	180	161	100	95	212	149,5	280	254	615	190	228	38	70	PG 16	PG 13,5	47

[1] Standard
[2] On demand

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

3(L)S



DIMENSIONAL TABLE

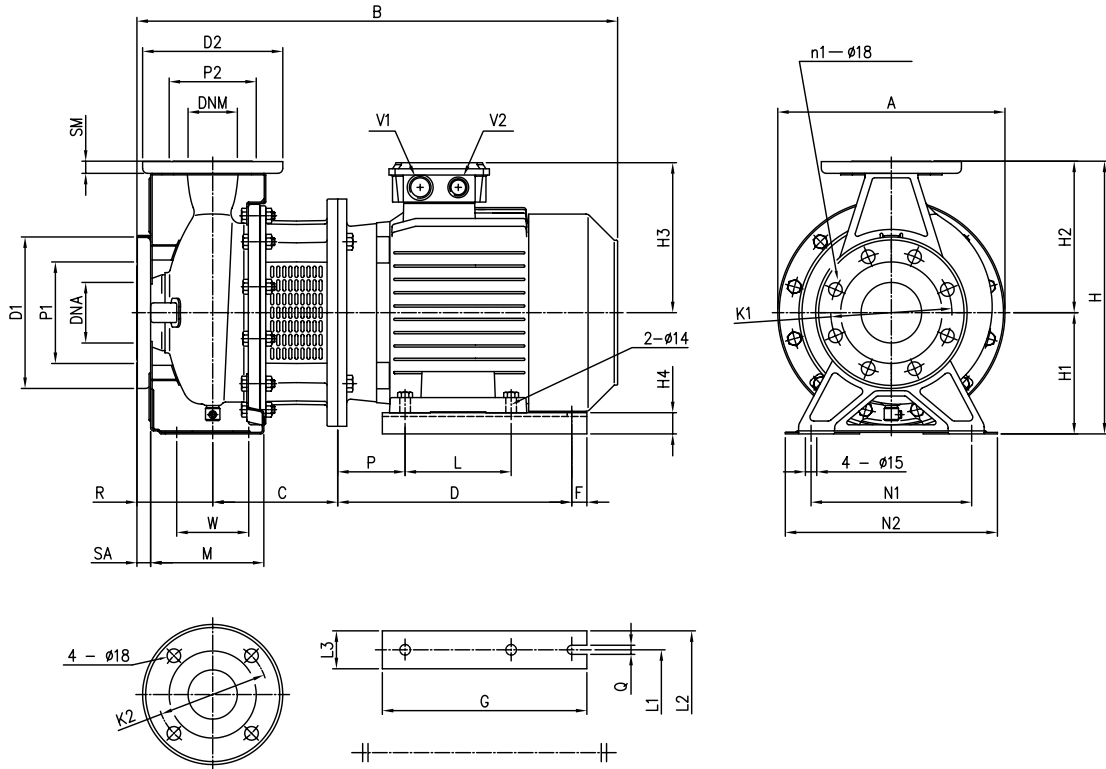
Pump type 3(L)S	Dimensions (mm)																				Weight			
	∅ DNA	∅ P1	n1		∅ K1	∅ D1	SA	∅ DNM	∅ P2	∅ K2	∅ D2	SM	H	H1	H2	H3	R	W	B	C	F	V1	V2	kg
40-200/11	65	115	4	-	145	185	16	40	80	110	150	14	382	160	180	250	100	110	801	198	836	PG 29	PG 29	107
50-200/11	65	115	4	-	145	185	16	50	95	125	165	16	402	160	200	250	100	110	801	198	836	PG 29	PG 29	107
50-200/15	65	115	4	-	145	185	16	50	95	125	165	16	402	160	200	250	100	110	801	198	836	PG 29	PG 29	131
65-160/11	80	134	8	4	160	200	18	65	115	145	185	16	402	160	200	246	100	122,5	801	198	849	PG 29	PG 29	76
65-160/15	80	134	8	4	160	200	18	65	115	145	185	16	402	160	200	246	100	122,5	811	208	859	PG 29	PG 29	104

[1] Standard
[2] On demand

3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 (ex DIN 24255) STANDARD

3(L)S

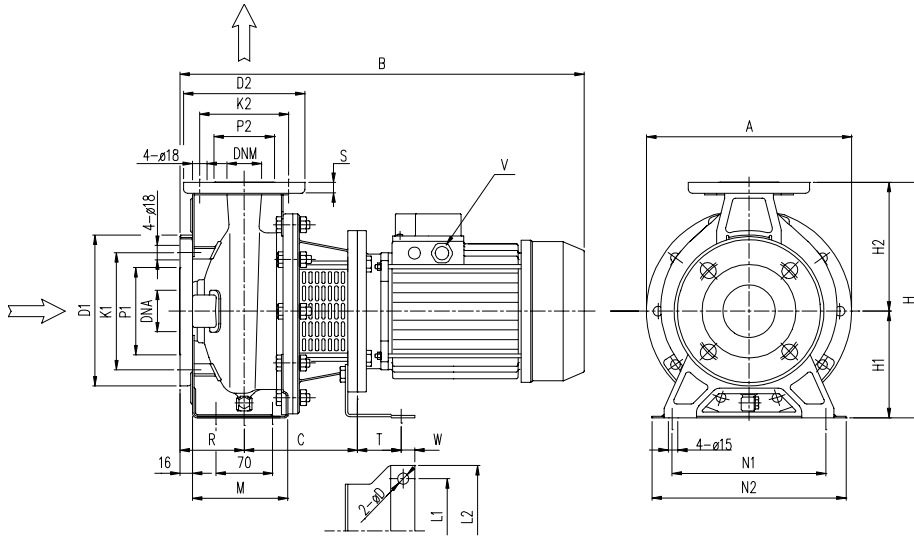


DIMENSIONAL TABLE

Pump type 3(L)S	Dimensions (mm)																												Weight kg								
	∅ DNA	∅ P1	n1 [1]	n1 [2]	∅ K1	∅ D1	SA	∅ DNM	∅ P2	∅ K2	∅ D2	SM	H	H1	H2	H3	H4	R	W	N1	M	N2	A	B	C	D	F	L		L1	L2	L3	G	Q	P	V1	V2
32-200/5,5	50	96	4	-	125	165	16	32	76	100	140	14	340	160	180	205	28	80	70	190	119	240	300	615	165	314	15	-	216	266	50	270	12	-	PG21	PG21	62,8
32-200/7,5	50	96	4	-	125	165	16	32	76	100	140	14	340	160	180	205	28	80	70	190	119	240	300	615	165	314	15	-	216	266	50	270	12	-	PG21	PG21	74,6
40-160/3,0	65	116	4	-	145	185	16	40	81	110	150	14	292	132	160	145	32	80	70	190	118	240	254	528	142	246	15	-	160	200	40	220	12	-	PG16	PG13,5	39
40-160/4,0	65	116	4	-	145	185	16	40	81	110	150	14	292	132	160	161	20	80	70	190	118	240	254	550	142	253	15	-	190	240	50	220	12	-	PG16	PG13,5	41,5
40-200/5,5	65	116	4	-	145	185	16	40	81	110	150	14	340	160	180	205	28	100	70	212	139	265	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	63,2
40-200/7,5	65	116	4	-	145	185	16	40	81	110	150	14	340	160	180	205	28	100	70	212	139	265	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	69,6
50-125/3,0	65	116	4	-	145	185	16	50	96	125	165	16	292	132	160	145	32	100	70	190	138	240	254	548	142	246	15	-	160	200	40	220	12	-	PG16	PG13,5	42
50-125/4,0	65	116	4	-	145	185	16	50	96	125	165	16	292	132	160	161	20	100	70	190	138	240	254	570	142	253	15	-	190	240	50	220	12	-	PG16	PG13,5	42,5
50-160/5,5	65	116	4	-	145	185	16	50	96	125	165	16	340	160	180	205	28	100	70	212	139	265	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	63,8
50-160/7,5	65	116	4	-	145	185	16	50	96	125	165	16	340	160	180	205	28	100	70	212	139	265	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	69,6
50-200/9,2	65	116	4	-	145	185	16	50	96	125	165	16	360	160	200	205	28	100	70	212	139	265	300	673	165	314	15	-	216	266	50	270	12	-	PG21	PG21	79,7
65-125/5,5	80	134	8	4	160	200	18	65	115	145	185	16	340	160	180	198	28	100	95	212	149,5	280	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	60
65-125/7,5	80	134	8	4	160	200	18	65	115	145	185	16	340	160	180	198	28	100	95	212	149,5	280	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	67
65-160/7,5	80	134	8	4	160	200	18	65	115	145	185	16	360	160	200	198	28	100	95	212	149,5	280	300	635	165	314	15	-	216	266	50	270	12	-	PG21	PG21	70
65-160/9,2	80	134	8	4	160	200	18	65	115	145	185	16	360	160	200	198	28	100	95	212	149,5	280	300	673	165	314	15	-	216	266	50	270	12	-	PG21	PG21	77
65-200/15	80	134	8	4	160	200	18	65	115	145	185	16	405	180	225	246	20	100	95	250	149,5	320	350	811	208	413	20	-	254	314	60	350	14	-	PG29	PG29	128
65-200/18,5	80	134	8	4	160	200	18	65	115	145	185	16	405	180	225	246	20	100	95	250	149,5	320	350	855	208	413	20	-	254	314	60	350	14	-	PG29	PG29	141
65-200/22	80	134	8	4	160	200	18	65	115	145	185	16	405	180	225	266	-	100	95	250	149,5	320	350	910	208	-	-	241	279	330	83	-	-	121	PG29	PG29	160

[1] Standard
[2] On demand

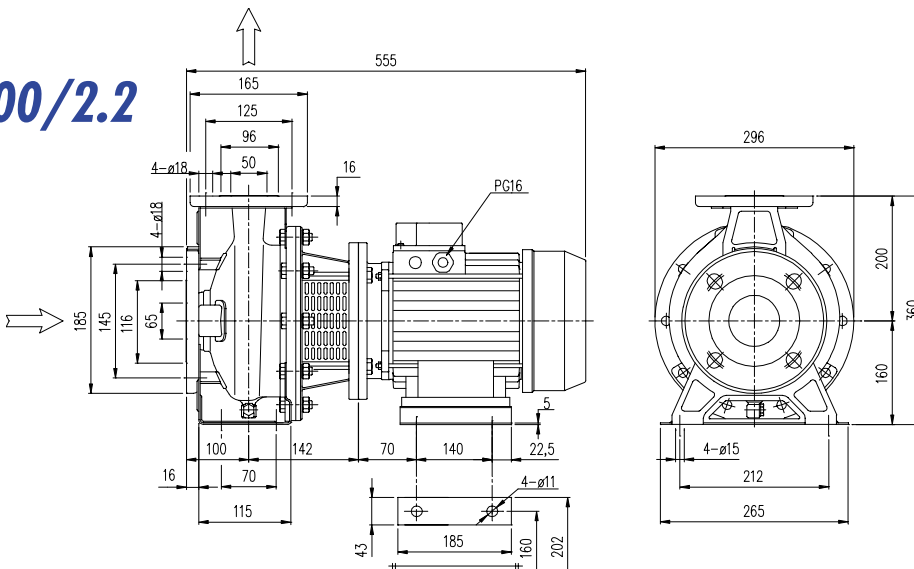
3(L)S4



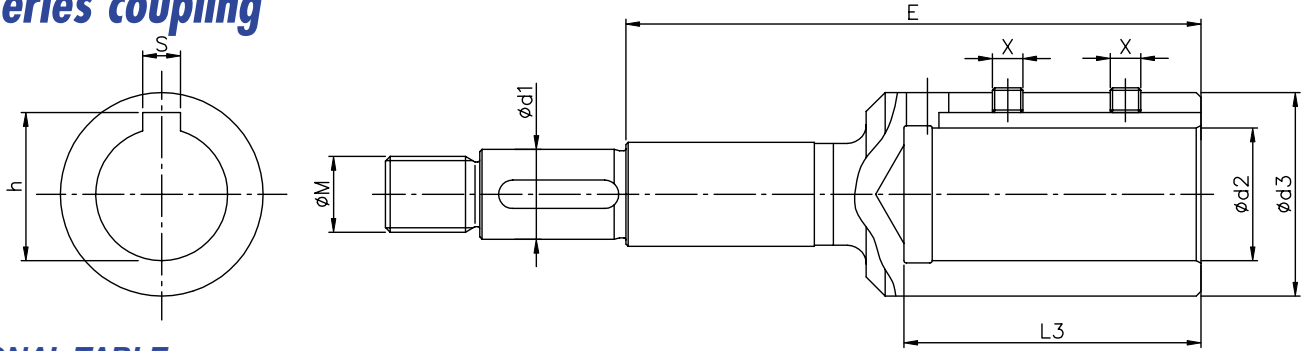
DIMENSIONAL TABLE

Pump type 3(L)S4	Dimensions (mm)																			Weight kg						
	A	B	C	D	H	H1	H2	L1	L2	M	N1	N2	R	S	T	V	W	ØD1	ØK1		ØP1	ØD2	ØK2	ØP2	ØDNA	ØDNM
32-125/0.25	213	401	108	8	252	112	140	112	140	114	140	190	80	14	45	PG13,5	15	165	125	96	140	100	76	50	32	15,5
32-160/0.37R	254	401	108	8	292	132	160	112	140	118	190	240	80	14	45	PG13,5	15	165	125	96	140	100	76	50	32	20,7
32-160/0.37	254	401	108	8	292	132	160	112	140	118	190	240	80	14	45	PG13,5	15	165	125	96	140	100	76	50	32	20,7
32-200/0.55R	296	435	118	10	340	160	180	140	168	119	190	240	80	14	56	PG13,5	15	165	125	96	140	100	76	50	32	28,9
32-200/0.55	296	435	118	10	340	160	180	140	168	119	190	240	80	14	56	PG13,5	15	165	125	96	140	100	76	50	32	28,9
32-200/0.75	296	435	118	10	252	160	180	140	168	119	190	240	80	14	56	PG13,5	15	165	125	96	140	100	76	50	32	30,1
40-125/0.37R	213	401	118	8	252	112	180	112	140	114	160	210	80	14	45	PG13,5	15	185	145	116	150	110	81	65	40	17,6
40-125/0.37	213	401	118	8	292	112	140	112	140	114	160	210	80	14	45	PG13,5	15	185	145	116	150	110	81	65	40	17,6
40-160/0.55R	254	435	118	10	292	132	140	140	168	118	190	210	80	14	56	PG13,5	15	185	145	116	150	110	81	65	40	23,2
40-160/0.55	254	435	118	10	340	132	160	140	168	118	190	210	80	14	56	PG13,5	15	185	145	116	150	110	81	65	40	23,2
40-200/1.1R	294	487	130	10	340	160	180	140	168	115	212	265	100	14	56	PG16	15	185	145	116	150	110	81	65	40	33,3
40-200/1.1	294	487	130	10	340	160	180	140	168	115	212	265	100	14	56	PG16	15	185	145	116	150	110	81	65	40	33,3
40-200/1.5	294	512	130	10	292	160	180	140	168	115	212	265	100	14	56	PG16	15	185	145	116	150	110	81	65	40	35,5
50-125/0.55R	254	452	118	10	292	132	160	140	168	114	190	240	100	16	56	PG13,5	15	185	145	116	150	125	96	65	50	23,5
50-125/0.55	254	452	118	10	340	132	160	140	168	114	190	240	100	16	56	PG13,5	15	185	145	116	150	125	96	65	50	23,5
50-160/1.1R	296	487	130	10	340	160	180	140	168	115	212	265	100	16	56	PG16	15	185	145	116	150	125	96	65	50	34,0
50-160/1.1	296	487	130	10	360	160	180	140	168	115	212	265	100	16	56	PG16	15	185	145	116	150	125	96	65	50	34,0
50-200/1.5R	296	512	130	10	360	160	200	140	168	115	212	265	100	16	56	PG16	15	185	145	116	150	125	96	65	50	30,0
50-200/1.5	296	512	130	10	360	160	200	140	168	115	212	265	100	16	56	PG16	15	185	145	116	150	125	96	65	50	30,0

3(L)S4 50-200/2.2



3(L)S Series coupling



DIMENSIONAL TABLE

Pump type 3(L)S - 3(L)SF	kW	HP	Motor		Dimensions (mm)									
			Size	Type	d1	d2	d3	L3	M	X		h	S	E
32-125/N	1,1	1,5	80	B5	19	33	19	43	16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
32-160/R	1,5	2	90	B5	19	39	24	53	16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
32-160/N	2,2	3	90	B5	19	39	24	53	16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
32-200/R	3	4	100	B35	19	43	28	63	16 x 1,5	M8 x 8	UNI 5929	31,3	8	122
32-200/N	4	5,5	112	B35	19	43	28	63	16 x 1,5	M8 x 8	UNI 5929	31,3	8	122
32-200/L	5,5	7,5	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
32-200/EL	7,5	10	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
40-125/R	1,5	2	90	B5	19	39	24	53	16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
40-125/N	2,2	3	90	B5	19	39	24	53	16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
40-160/R	3	4	100	B35	19	43	28	63	16 x 1,5	M8 x 8	UNI 5929	31,3	8	122
40-160/N	4	5,5	112	B35	19	43	28	63	16 x 1,5	M8 x 8	UNI 5929	31,3	8	122
40-200/R	5,5	7,5	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
40-200/N	7,5	10	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
40-200/L	11	15	160	B35	19	63	42	114	16 x 1,5	M8 x 8	UNI 5929	45,3	12	178
50-125/S	2,2	3	90	B5	19	39	24	53	16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
50-125/R	3	4	100	B35	19	43	28	63	16 x 1,5	M8 x 8	UNI 5929	31,3	-	122
50-125/N	4	5,5	112	B35	19	43	28	63	16 x 1,5	M8 x 8	UNI 5929	31,3	-	122
50-160/R	5,5	7,5	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
50-160/N	7,5	10	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
50-200/R	9,2	12,5	132	B35	19	58	38	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
50-200/N	11	15	160	B35	19	63	42	114	16 x 1,5	M8 x 8	UNI 5929	45,3	12	178
50-200/L	15	20	160	B35	22	63	42	114	18 x 1,5	M8 x 8	UNI 5929	45,3	12	209
65-125/R	4	5,5	112	B35	19	28	43	63	16 x 1,5	M8 x 8	UNI 5929	31,3	8	122
65-125/N	5,5	7,5	132	B35	19	38	58	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
65-125/L	7,5	10	132	B35	19	38	58	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
65-160/S	7,5	10	132	B35	19	38	58	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
65-160/R	9,2	12,5	132	B35	19	38	58	84	16 x 1,5	M8 x 8	UNI 5929	41,3	10	145
65-160/N	11	15	160	B35	19	42	63	114	16 x 1,5	M8 x 8	UNI 5929	45,3	12	178
65-160/L	15	20	160	B35	24	42	63	114	20 x 1,5	M8 x 8	UNI 5929	45,3	12	184
65-200/R	15	20	160	B35	24	42	63	114	20 x 1,5	M8 x 8	UNI 5929	45,3	12	184
65-200/N	18,5	25	160	B35	24	42	63	114	20 x 1,5	M8 x 8	UNI 5929	45,3	12	184
65-200/L	22	30	180	B35	24	48	72	114	20 x 1,5	M10 x 10	UNI 5929	51,8	14	184

3(L)S4 - 3(L)SF4	kW	HP	Motor		Dimensions (mm)									
			Size	Type	d1	d2	d3	L3	M	X		h	S	E
32-125/N	0,25	0,33	71	B5	19	14	28	33	M16 x 1,5	M5 x 6	UNI 5929	16,3	5	88
32-160/R	0,37	0,5	71	B5	19	14	28	33	M16 x 1,5	M5 x 6	UNI 5929	16,3	5	88
32-160/N	0,37	0,5	71	B5	19	14	28	33	M16 x 1,5	M5 x 6	UNI 5929	16,3	5	88
32-200/R	0,55	0,75	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
32-200/N	0,55	0,75	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
32-200/L	0,75	1	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
40-125/R	0,37	0,5	71	B5	19	14	28	33	M16 x 1,5	M5 x 6	UNI 5929	16,3	5	88
40-125/N	0,37	0,5	71	B5	19	14	28	33	M16 x 1,5	M5 x 6	UNI 5929	16,3	5	88
40-160/R	0,55	0,75	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
40-160/N	0,55	0,75	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
40-200/R	1,1	1,5	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
40-200/N	1,1	1,5	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
40-200/L	1,5	2	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
50-125/R	0,55	0,75	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
50-125/N	0,55	0,75	80	B5	19	19	33	43	M16 x 1,5	M6 x 6	UNI 5929	21,8	6	98
50-160/R	1,1	1,5	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
50-160/N	1,1	1,5	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
50-200/R	1,5	2	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
50-200/N	1,5	2	90	B5	19	24	39	53	M16 x 1,5	M8 x 8	UNI 5929	27,3	8	110
50-200/L	2,2	3	100	B35	22	28	43	63	M18 x 1,5	M8 x 8	UNI 5929	31,3	8	153