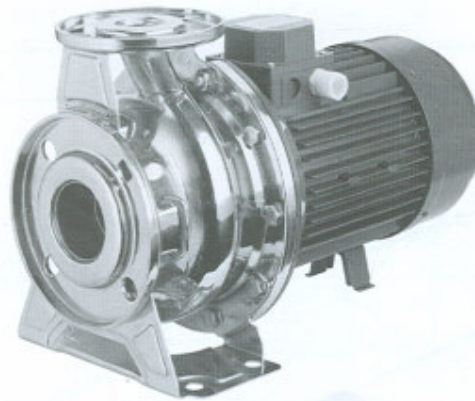


End suction centrifugal pumps in accordance with EN 733 (ex DIN 24255) made of stainless steel **AISI 304** (3 series) and **AISI 316L** (3L series), applications include water boosting, heating systems, air-conditioning, washing systems and many other industrial applications.



### SPECIFICATIONS

- Maximum working pressure: 10 bar
- Liquid temperature: from -20°C to +110°C

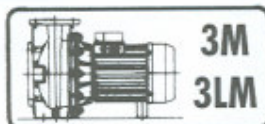
### MATERIALS

- Pump body, impeller, casing cover and shaft in AISI 304 (AISI 316 or bronze impeller for 3 series 65)
- Mechanical seal in carbon/ceramic/NBR for standard version
- Mechanical seal in carbon/ceramic/Viton for H<sub>2</sub> version
- Mechanical seal on SiC/SiC/FPM for HS version

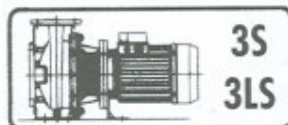
### TECHNICAL DATA

- Asynchronous 2 and 4 poles motor
- Insulation class F
- Protection degree IP 55
- Three-phase standard voltage: 220/380-460V ±6% (up to 4 kW)  
380-460/660V ±6% (above 4 kW)  
220/380V -6 +10% (other)
- Thermal protection to be provided by the user

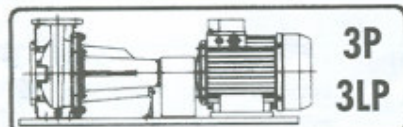
Available in 5 different versions:



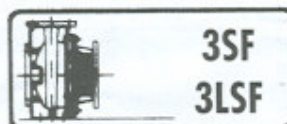
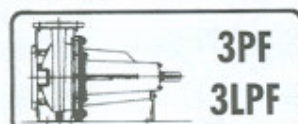
monobloc with extended motor shaft



monobloc with standard motor and flexible coupling (on request)

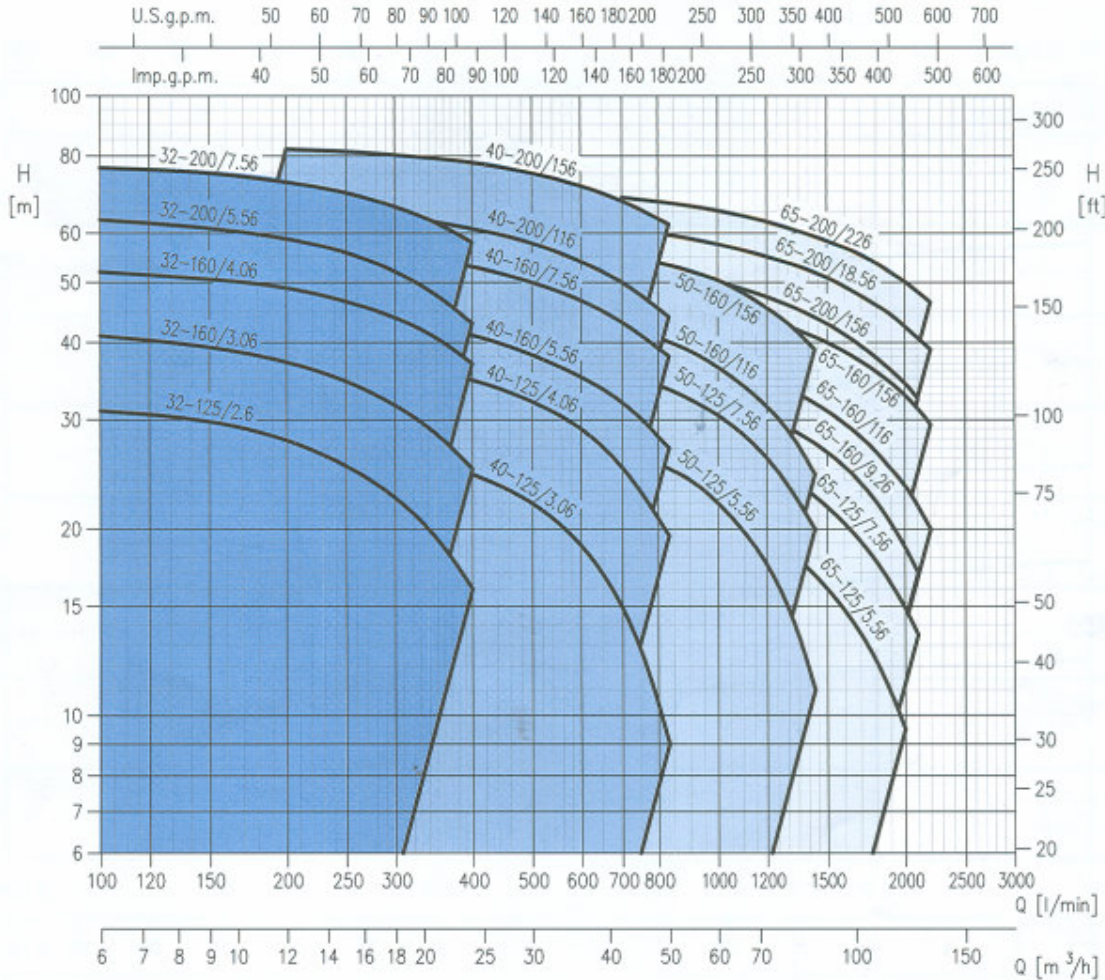


on basement with standard motor and flexible coupling (on request)



bare shaft pump

### PERFORMANCE CHART at 3450 r.p.m. (according to ISO 9906 Annex A)



### PERFORMANCE TABLE

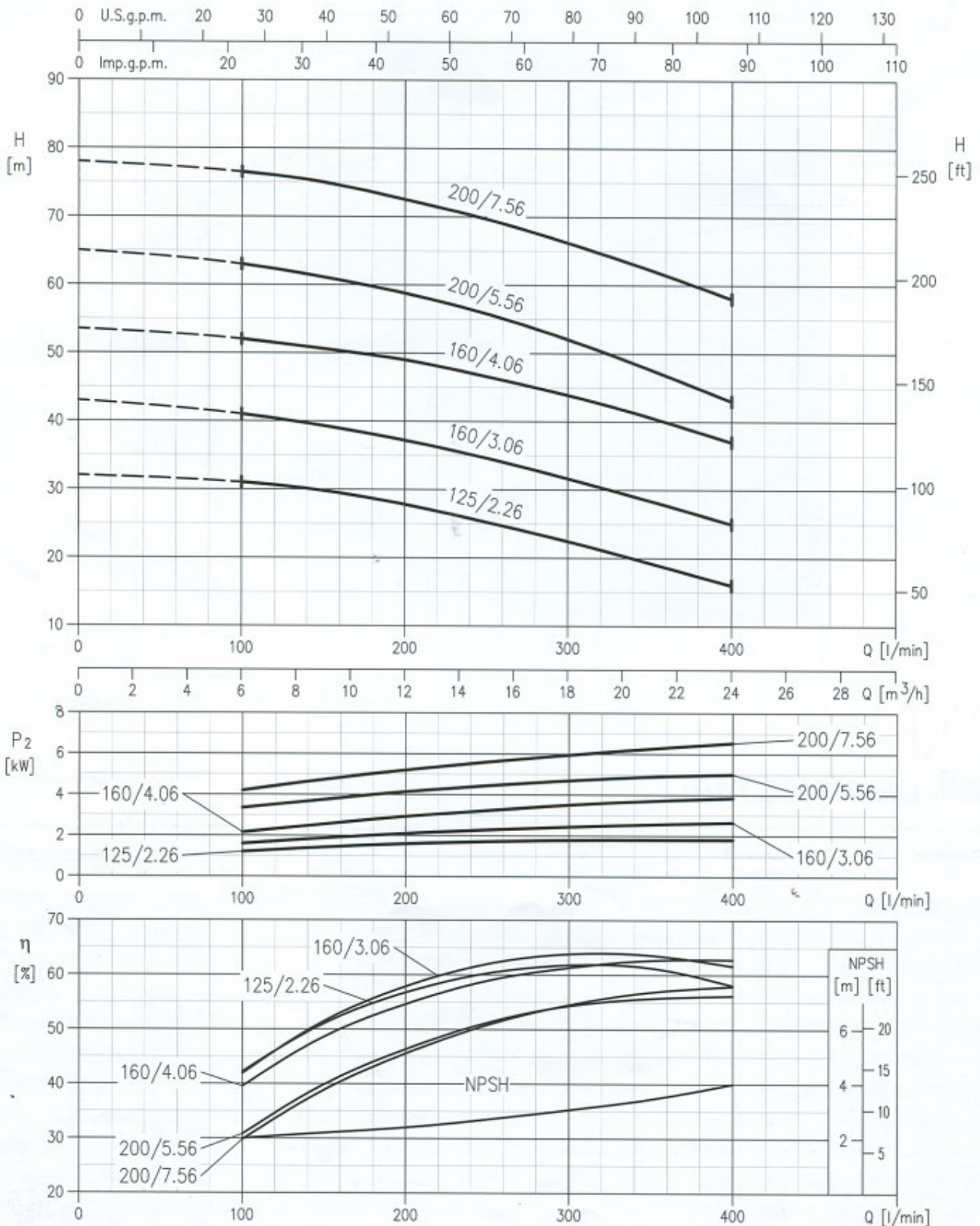
Pump type 3M	Output kW HP		Absorbed current [A] Three-phase		Q=Capacity																									
					H=Total manometric head in meters																									
					220V		380V		460V		0	100	150	200	250	300	350	400	500	600	700	833	1000	1200	1433	1500	1800	2000	2100	2200
					m³/h		m³/h		m³/h		0	6	9	12	15	18	21	24	30	36	42	50	60	72	86	90	108	120	126	132
3(L)M 32-125/2.6	2.2	3	6.6	3.8	3.7	32	31	30	28	25.5	22.5	19.3	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 32-160/3.06	3	4	9.7	5.6	5.3	43	41	39.5	37	34.5	31.5	28.5	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 32-160/4.06	4	5.5	13.9	8	7.5	54	52	50.5	49	46.5	44	40.5	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 32-200/5.56	5.5	7.5	-	12.3	-	65	63	61	59	56	52	47.5	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 32-200/7.56	7.5	10	-	15.2	-	78	76.5	75	72.5	69.5	66	62.5	58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 40-125/3.06	3	4	9.4	5.4	5.1	29	-	-	28	27.5	26.5	25.5	24.5	22	18.8	14.9	9	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 40-125/4.06	4	5.5	14.7	8.5	7.9	39	-	-	38	37.5	36.5	36	35	32	29	25	19.5	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 40-160/5.56	5.5	7.5	-	12	-	46.5	-	-	45	44	43.5	42.5	41	38	35	32	27	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 40-160/7.56	7.5	10	-	15.4	-	58	-	-	57	56.5	55.5	54	53	50	47	43	38	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 40-200/116	11	15	-	22.2	-	67	-	-	66	65	64	62.5	61	58	54	50	44	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 40-200/156	15	20	-	27	-	83	-	-	82	81.5	80.5	79	78	75	71.5	67.5	62	-	-	-	-	-	-	-	-	-	-	-		
3(L)M 50-125/5.56	5.5	7.5	-	10.7	-	32	-	-	-	-	-	-	-	29	28	27	25	22	17.48	11	-	-	-	-	-	-	-	-		
3(L)M 50-125/7.56	7.5	10	-	14.9	-	39	-	-	-	-	-	-	-	37	36.5	35.5	33.5	30.5	26	20	-	-	-	-	-	-	-	-		
3(L)M 50-160/116	11	15	-	18.6	-	48	-	-	-	-	-	-	-	45	44	42.5	40	36.5	31.5	24.5	-	-	-	-	-	-	-	-		
3(L)M 50-160/156	15	20	-	24.8	-	58	-	-	-	-	-	-	-	57	56	55	53.5	50.5	45.5	38	-	-	-	-	-	-	-	-		
3BM 65-125/5.56	5.5	7.5	-	11.5	10.5	28	-	-	-	-	-	-	-	-	25.7	25	23.5	22	19.6	16.824	16	12.2	9.5	-	-	-	-	-		
3BM 65-125/7.56	7.5	10	-	15.5	13.9	34	-	-	-	-	-	-	-	-	31.5	30.5	29.47	28	25.5	22.5	21.5	17.7	14.9	13.5	-	-	-	-		
3BM 65-160/9.26	9.2	12.5	-	18.5	16.5	38	-	-	-	-	-	-	-	-	-	35.5	34.5	32.5	30.5	27.48	26.5	22	18.7	17	-	-	-	-		
3BM 65-160/116	11	15	-	21.3	18.7	43	-	-	-	-	-	-	-	-	40.5	39	37.5	35	32	31	26.5	23.5	22	20	-	-	-	-		
3BM 65-160/156	15	20	-	28.7	25.1	51	-	-	-	-	-	-	-	-	48.5	47.5	46	43.5	41	40	36	33	31.5	29.5	-	-	-	-		
3BM 65-200/156	15	20	-	30.7	25.7	57	-	-	-	-	-	-	-	-	53.5	52	50	47.5	43.98	43	38	34.5	32.5	-	-	-	-	-		
3BM 65-200/18.56	18.5	25	-	35.1	32.8	64	-	-	-	-	-	-	-	-	61	59.5	57.5	55	52	51	46	42.5	40.5	38	-	-	-	-		
3BM 65-200/226	22	30	-	41.1	38.7	71	-	-	-	-	-	-	-	-	68.5	67	65	62.5	59.5	58.5	53.5	50	48.5	46.5	-	-	-	-		



# 3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 STANDARD

## PERFORMANCE CURVES 3(L)M 32 (according to ISO 9906 Annex A)

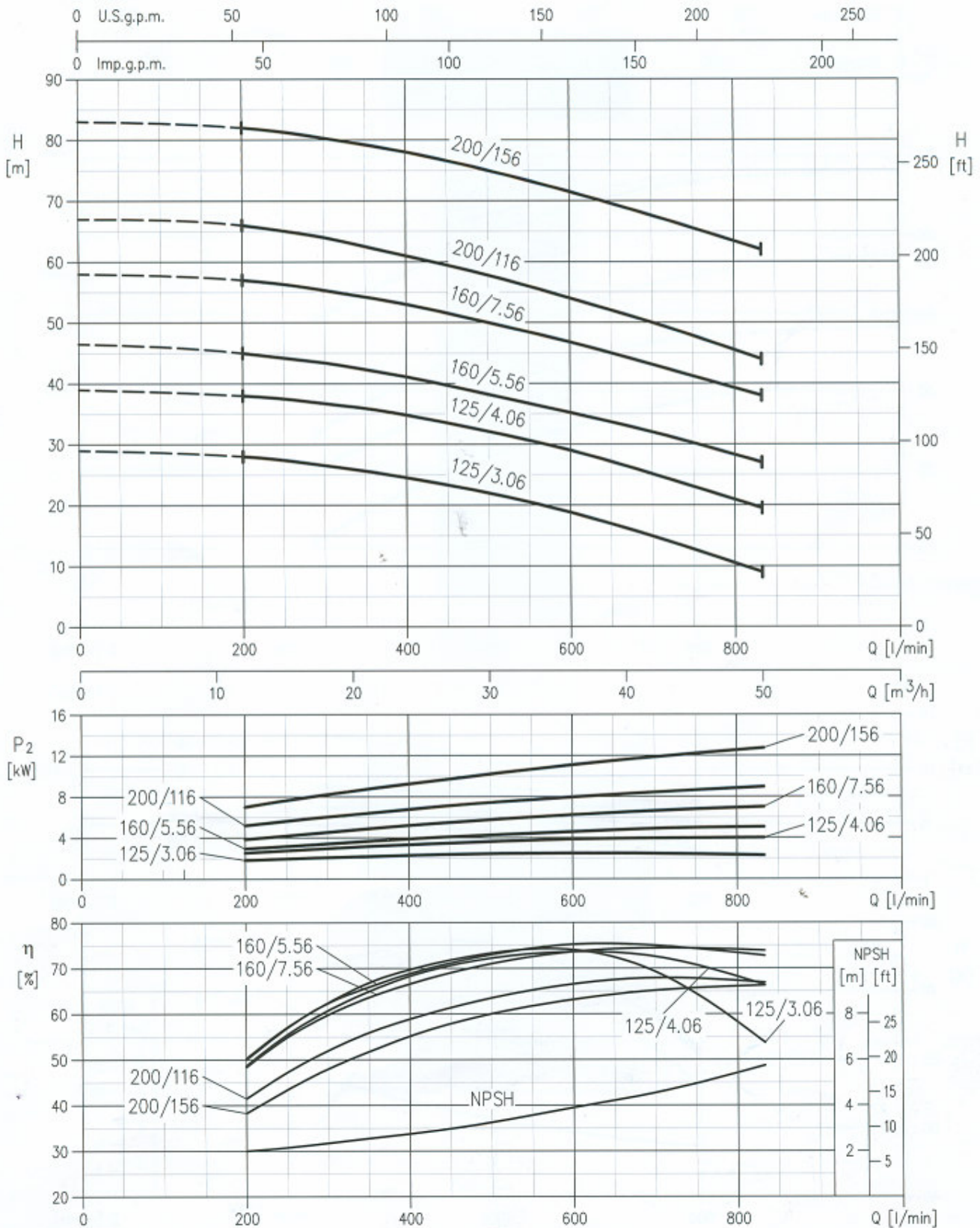




# 3-3L SERIES

CENTRIFUGAL PUMPS according DIN 24255 STANDARD

## PERFORMANCE CURVES 3(L)M 40 (according to ISO 9906 Annex A)

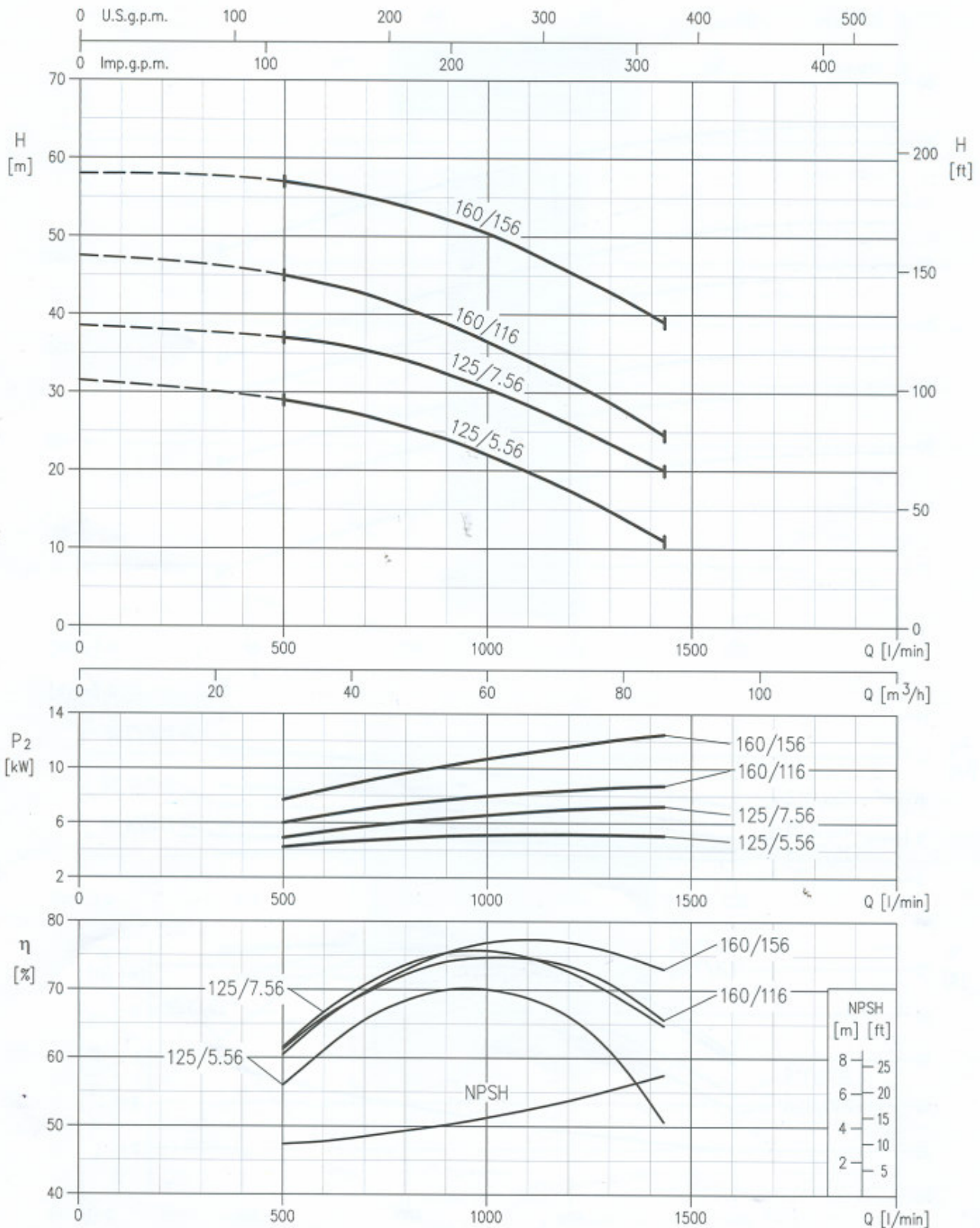




# 3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 STANDARD

## PERFORMANCE CURVES 3(L)M 50 (according to ISO 9906 Annex A)

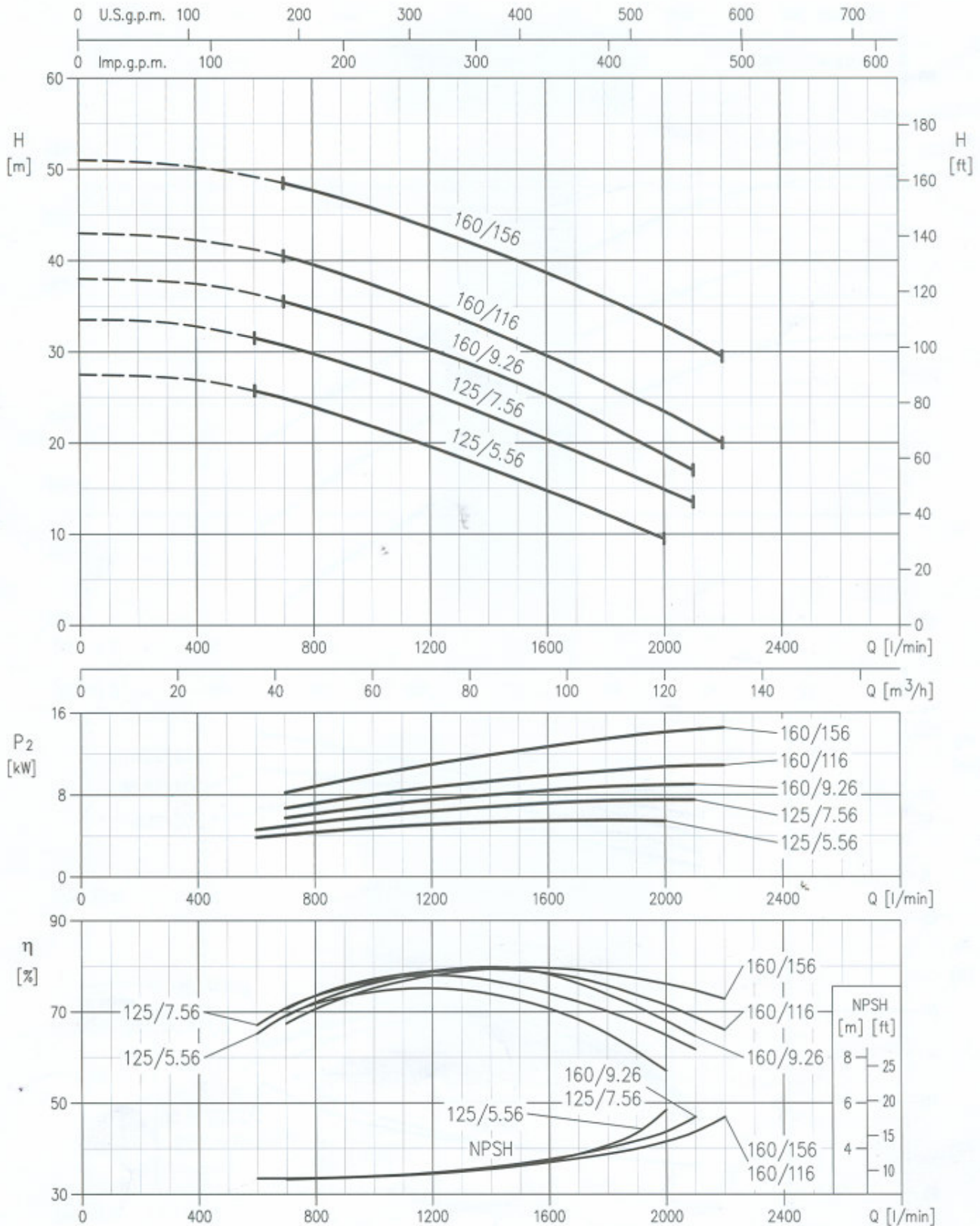




# 3-3L SERIES

CENTRIFUGAL PUMPS according DIN 24255 STANDARD

## PERFORMANCE CURVES 3(L)M 65 (according to ISO 9906 Annex A)

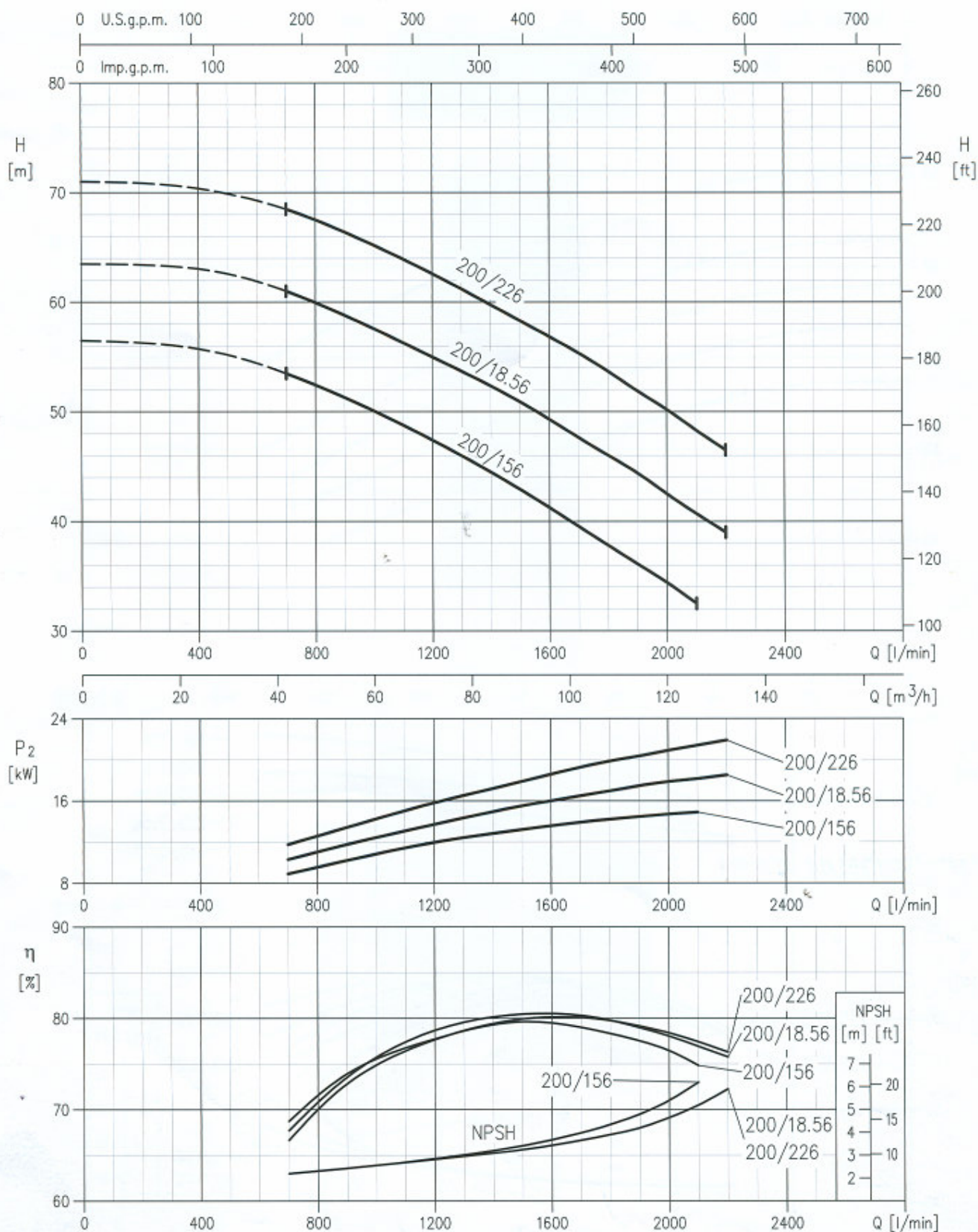




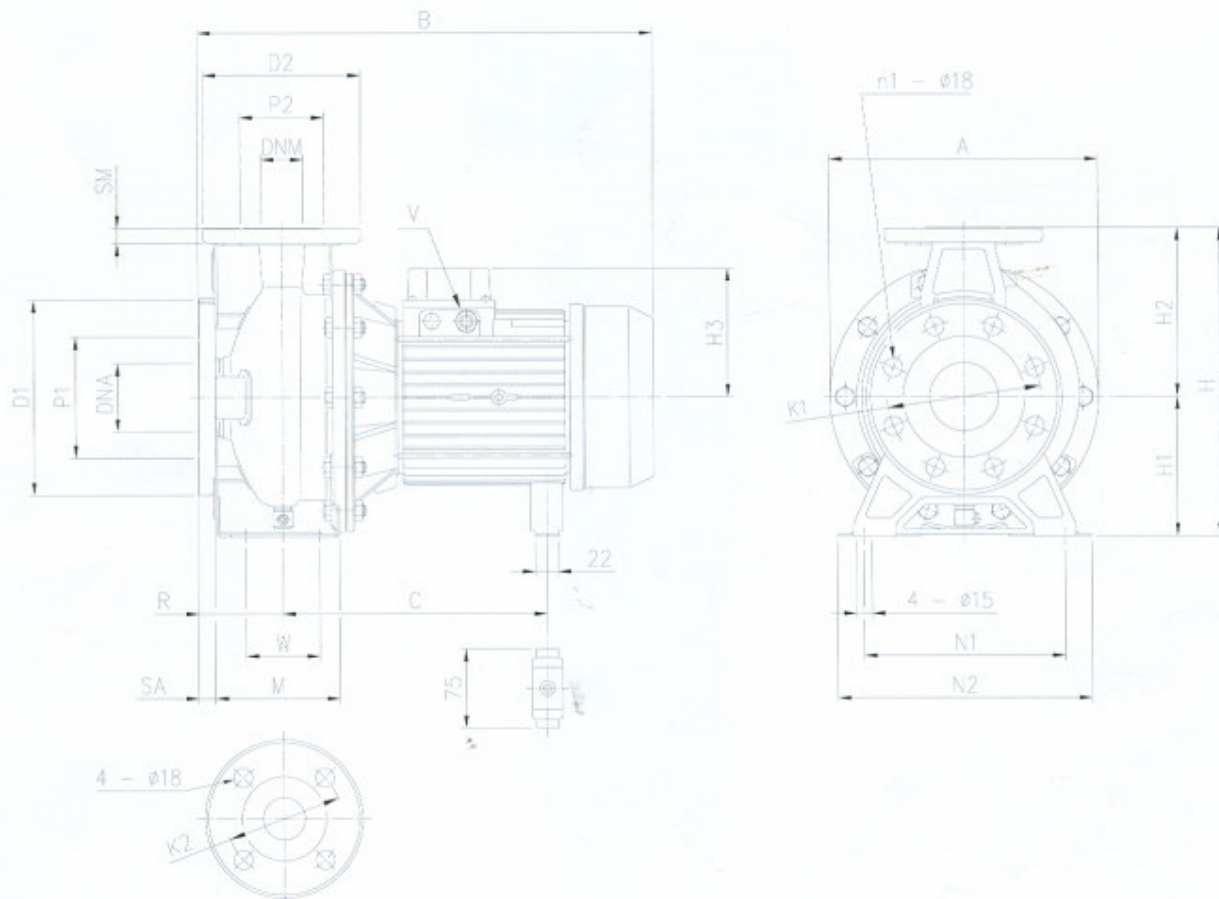
# 3-3L SERIES

CENTRIFUGAL PUMPS according EN 733 STANDARD

## PERFORMANCE CURVES 3(L)M 65 (according to ISO 9906 Annex A)



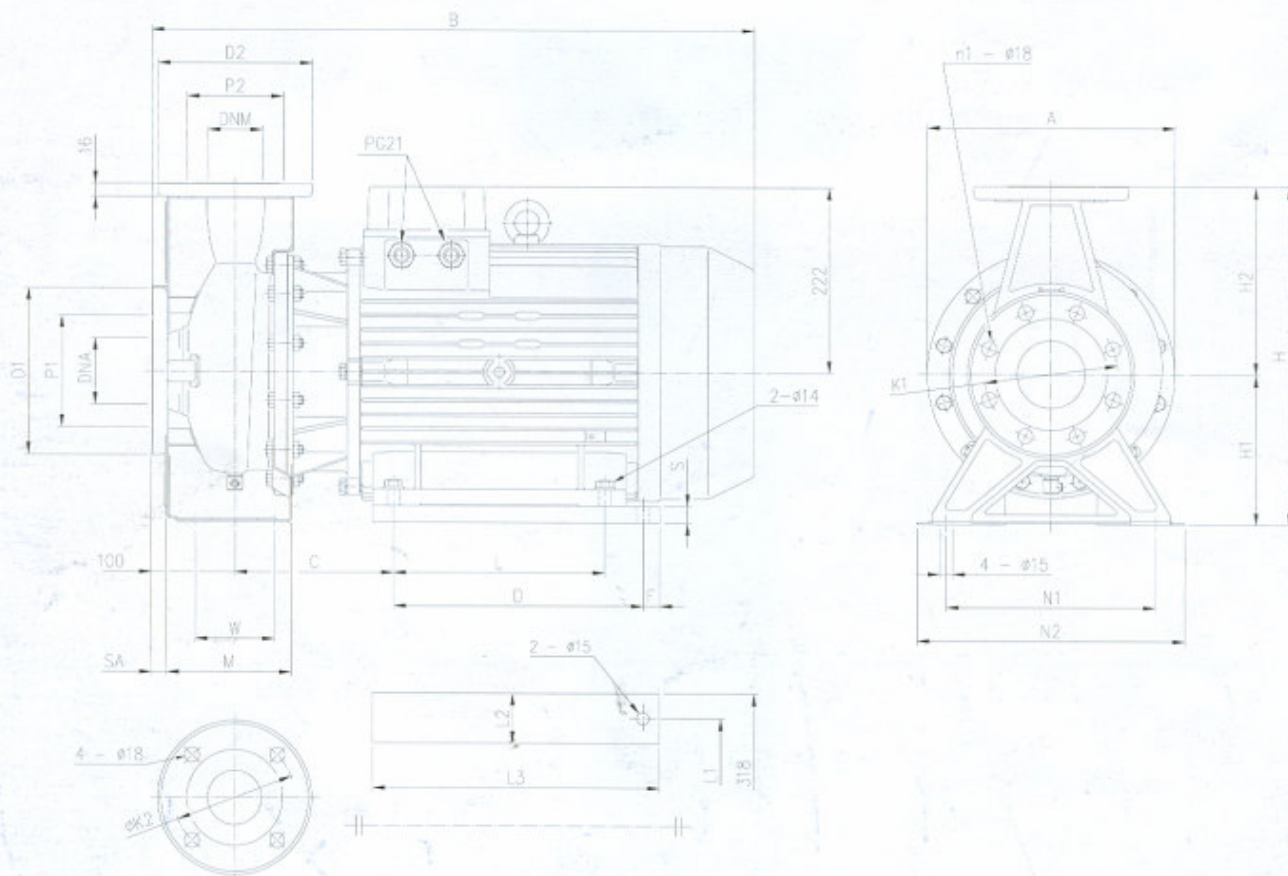
### DIMENSIONS: 3M (3LM) up to 11 kW



### DIMENSIONAL TABLE

Model	Weight [kg]	Dimensions [mm]																								
		Ø DNA	Ø P1	n1 [1]	n1 [2]	Ø K1	Ø D1	SA	Ø DNM	Ø P2	Ø K2	Ø D2	SM	H	H1	H2	H3	R	W	N1	M	N2	A	B	C	V
3(L)M 32-125/2.26	23													252	112	140	122			140	114	190	213	407	230	PG 13.5
3(L)M 32-160/3.06	28,3													292	132	160	134			190	118	240	254	432	255	
3(L)M 32-160/4.06	35	50	96			125	165		32	76	100	140		340	160	180	153			190	119	240	296	477	275	PG 16
3(L)M 32-200/5.56	48,3													340	160	180	153		80	190	119	240	296	477	275	PG 16
3(L)M 32-200/7.56	58													340	160	180	153		80	190	119	240	296	477	275	PG 16
3(L)M 40-125/3.06	25,6												14	252	112	140	122			160	114	210	213	432	255	PG 13.5
3(L)M 40-125/4.06	31,6			4	-			16						252	112	140	134		70	160	114	210	213	432	255	PG 13.5
3(L)M 40-125/5.56	42,3								40	81	110	150		292	132	160	153		70	190	118	240	254	475	275	PG 16
3(L)M 40-160/7.56	50,3	65	116			145	185							292	132	160	153		70	190	118	240	254	498	275	PG 16
3(L)M 40-200/11.6	61,3													340	160	180	181		70	212	139	265	296	577	224	PG 21
3(L)M 50-125/5.56	43,8													292	132	160	153		70	190	138	240	254	494	275	PG 16
3(L)M 50-125/7.56	50,5								50	96	125	165		292	132	160	153		70	190	138	240	254	538	275	PG 16
3(L)M 50-160/11.6	62													340	160	180	181		70	212	139	265	296	593	356	PG 21
3(M) 65-125/5.56	50												16	340	160	180	150		70	212	139	265	296	593	356	PG 21
3(M) 65-125/7.56	52,6													340	160	180	150		70	212	139	265	296	593	356	PG 21
3(M) 65-160/9.26	63,6	80	134	8	4	160	200	18	65	115	145	185		360	160	200	177,5		95	212	150	280	296	593	356	PG 21
3(M) 65-160/11.6	70													360	160	200	177,5		95	212	150	280	296	593	356	PG 21

### DIMENSIONS: 3M (3LM) up to 22 kW



### PERFORMANCE TABLE

Pump type	Weight [kg]	Dimensions [mm]																									
		∅ DNA	∅ P1	n1 [1] [2]	∅ K1	∅ D1	SA	∅ DNM	∅ P2	∅ K2	∅ D2	H	H1	H2	W	N1	M	N2	A	B	L	L1	L2	L3	C	D	F
3(L)M 40-200/156	73,5	65	116	4 -	145	185	16	40	81	110	150	340	160	180	70	212	139	265	724	254	254	65	304	191	-	-	-
3(L)M 50-160/15	73							50	96	125	165																
3BM 65-160/15	103											360		200				280	296								
3BM 65-200/15	106																										
3BM 65-200/18.5	120	80	134	8 4	160	200	18	65	115	145	185	405	180	225	95	250	149,5	320	733	-	258	60	345	200	300	20	20
3BM 65-200/22	128																										

[1] = Standard  
[L] = On request