



TM series

Horizontal Multi Stage Pumps



TM-TMB-TMV series

Applications

The centrifugal multistage horizontal electric pumps of series TM are used in irrigation systems, systems of high pressure lifting, refrigeration, heating, snowing, cleaning, in boiler systems, in condensed extraction.

Constructional Features

Centrifugal multistage horizontal [TM,TMB] or vertical [TMV] pumps driven by elastic hydro-dynamic coupling, clock wise rotational looked from drive side.

Combined axial thrust balancing system: impeller with holes, recirculation pipe and balance drum on the shaft.

Components

- Suction body with axial [TM] or radial [TMB, TMV] inlet; intermediate stage composed of stage body and corresponding diffuser with wearing rings.
- Delivery body with upward outlet, with the possibility of turning in at 90°, both directions.
- Drive side bearing support with high rigidity.
- TM, TMV: suction side support of sliding type, lubricated by the pumped liquid.
- TMB: double support.
- Shaft in stainless steel completely protected.
- Adjustable packing seal on the shaft, in alternative not balanced or balanced mechanical seal, according to the working pressure.
- External tie rods for tightening of the intermediate stages.

Operating Data

Maximum working pressure: 40 bar or 63 bar.

Temperature of pumped liquid: min -15°C max 40°C (please request verification for higher temperatures).

The pumped liquid has to be chemically and mechanically suitable for the utilized materials.

Materials

Impellers and diffusers: cast iron EN-GJL-250 or carbon steel.

Suction body, delivery body and stage casting: cast iron EN-GJL-300, cast iron EN-GJL-500 or carbon steel.

Shaft and protection bushes: stainless steel AISI 431.

Tie rods: carbon steel.

On request, stainless steel AISI 316 versions.

Performances

Guaranteed performances with tolerances admitted by Standards UNI EN ISO 9906 Appendix A, level 1 on request.



TM



TMB



TMV

TM-TMB-TMV

Operation Limits – Standard Versions

1450 1/min

			DN								
			65			80			100		
			TM	TMB	TMV	TM	TMB	TMV	TM	TMB	TMV
1	Q min – Qmax	m³/h	30÷110			40÷145			60÷210		
2	H (Q=0)	m	165	198	165	200	200	200	280	280	280
3	PN	bar				40÷63					
4	P ₂ max	kW	45	55	45	75	75	75	132	132	132
5	T	°C				90 (120)					
6		g/m³				65					
7		min				2					

1750 1/min

			DN								
			65			80			100		
			TM	TMB	TMV	TM	TMB	TMV	TM	TMB	TMV
1	Q min – Qmax	m³/h	30÷130			50÷175			100÷220		
2	H (Q=0)	m	147	245	147	204	204	204	400	400	320
3	PN	bar				40÷63					
4	P ₂ max	kW	45	75	45	75	75	75	250	250	200
5	T	°C				90 (120)					
6		g/m³				65					
7		min				2					

2950 1/min

			DN								
			65			80			100		
			TM	TMB	TMV	TM	TMB	TMV	TM	TMB	TMV
1	Q min – Qmax	m³/h	60÷160			100÷230			160÷310		
2	H (Q=0)	m	340	544	340	403	564	403	428	642	321
3	PN	bar				40÷63					
4	P ₂ max	kW	160	250	160	250	375	250	375	560	200
5	T	°C				90 (120)					
6		g/m³				65					
7		min				2					

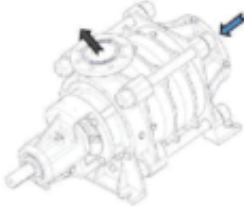
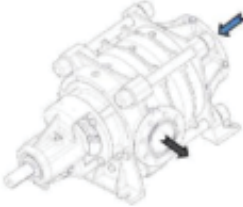
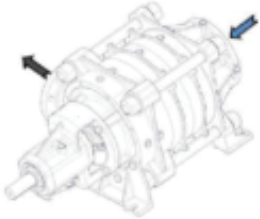
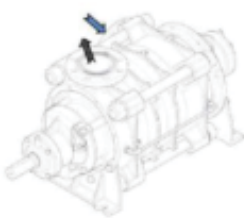
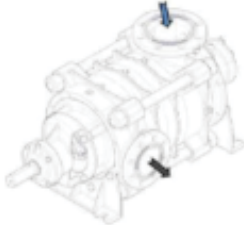
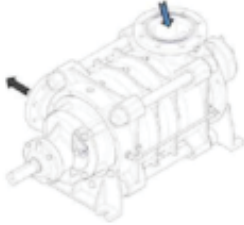
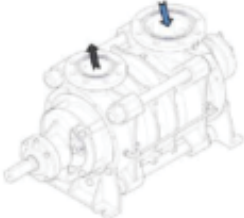
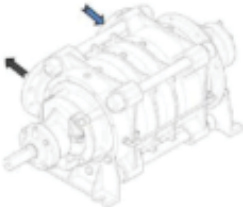
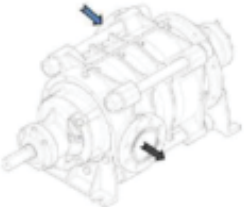
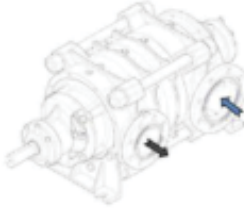
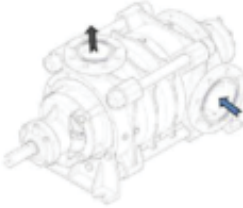
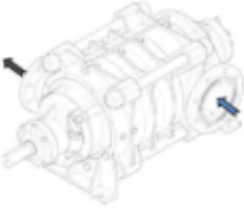
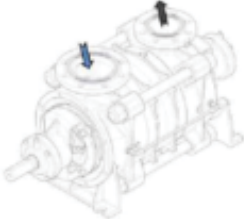
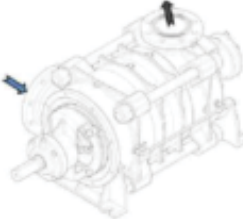
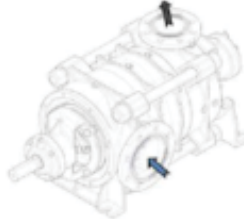
3550 1/min

			DN								
			65			80			100		
			TM	TMB	TMV	TM	TMB	TMV	TM	TMB	TMV
1	Q min – Qmax	m³/h	70÷170			122÷282			160÷300		
2	H (Q=0)	m	392	588	392	362	603	362	304	608	
3	PN	bar				40÷63					
4	P ₂ max	kW	200	280	200	280	450	280	315	630	
5	T	°C				90 (120)					
6		g/m³				65					
7		min				2					

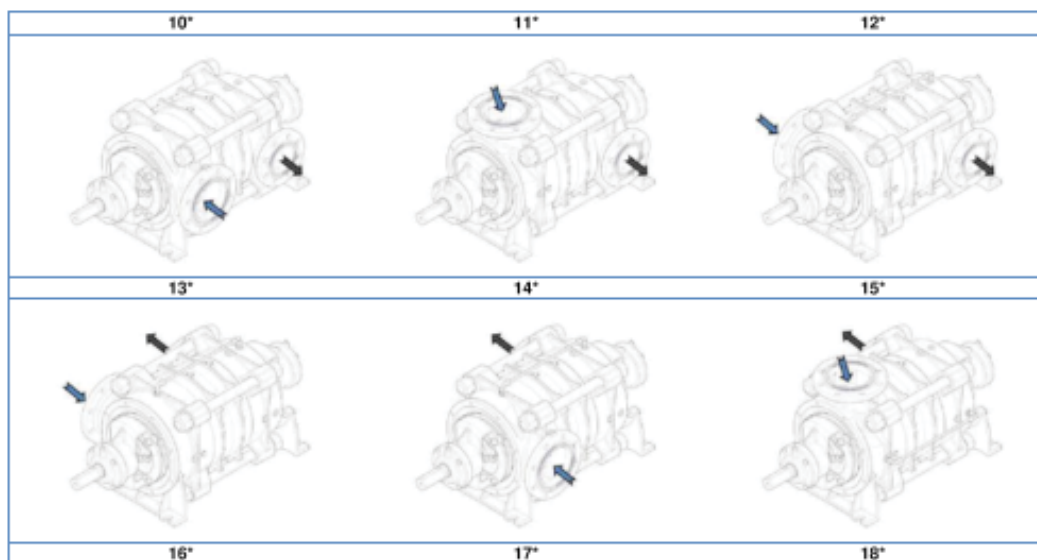
DN – Outlet nominal diameter

1. Field of capacity
2. Maximum Head (Q=0)
3. Max operation pressure (max allowed pressure in consideration of the sum of max. suction pressure and of the head with null flow)
4. Maximum Power
5. Temperature of the pumped liquid
6. Maximum solids content
7. Maximum working time with closed delivery

TM-TMB-TMV Series Pumps

NOZZLE ORIENTATION: POSSIBLE CONFIGURATIONS			TM
			
1	2	3	
NOZZLE ORIENTATION: POSSIBLE CONFIGURATIONS			TMB
			
1	2	3	
			
4	5	6	
			
7	8	9	
			

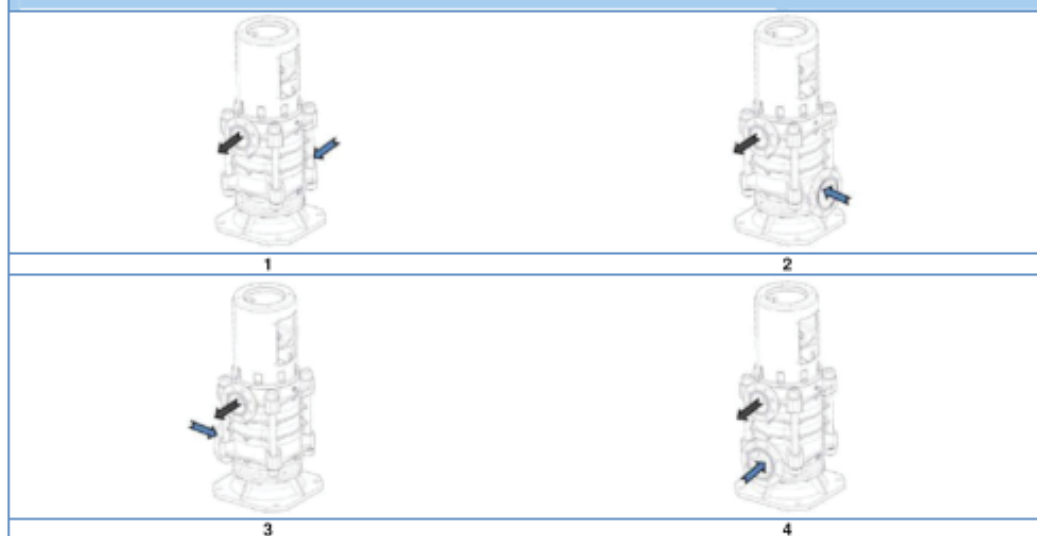
TM-TMB-TMV Series Pumps



(*) On request

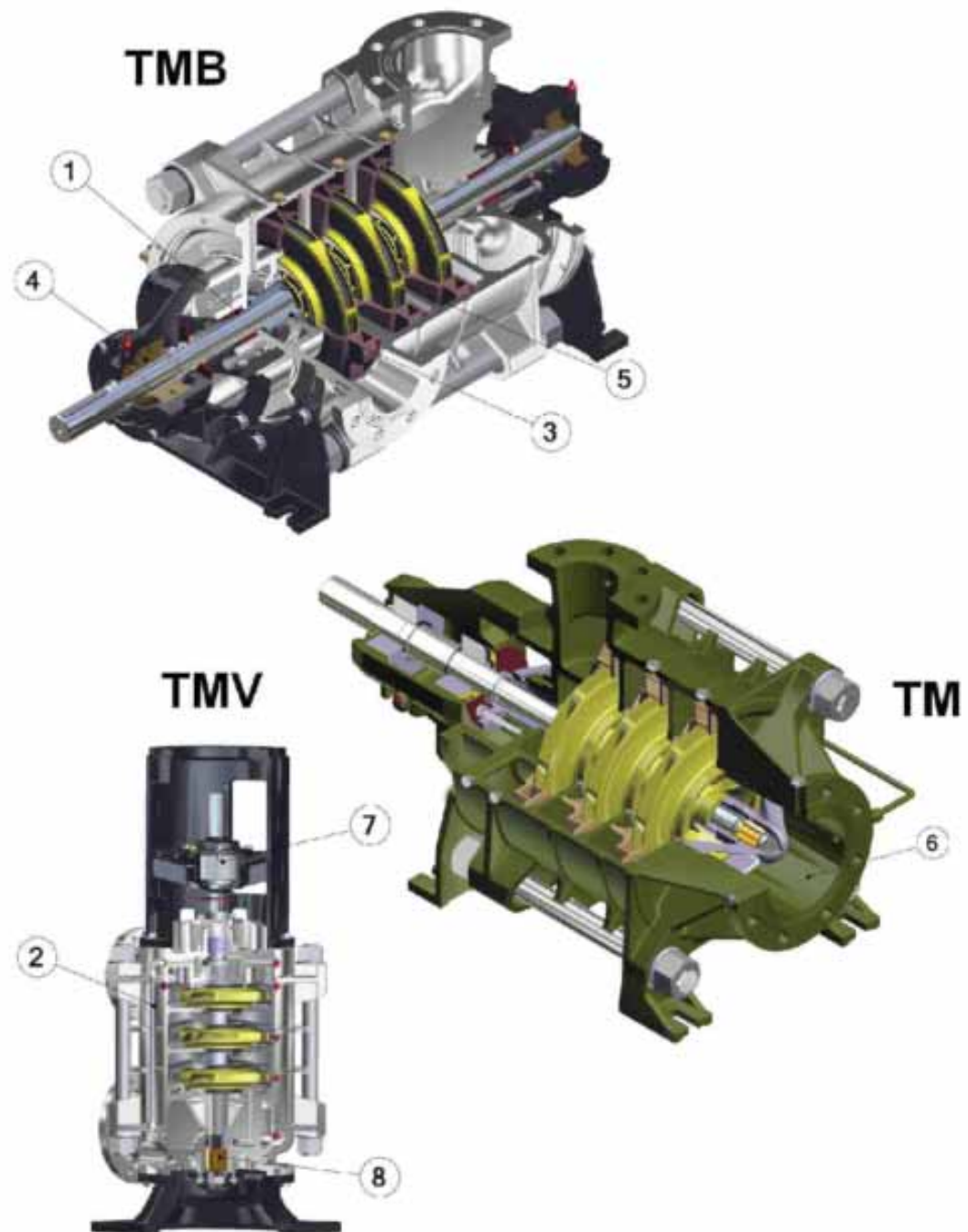
NOZZLE ORIENTATION: POSSIBLE CONFIGURATIONS

TMV



TM-TMB-TMV: standard version configuration 1

TM-TMB-TMV Series Pumps



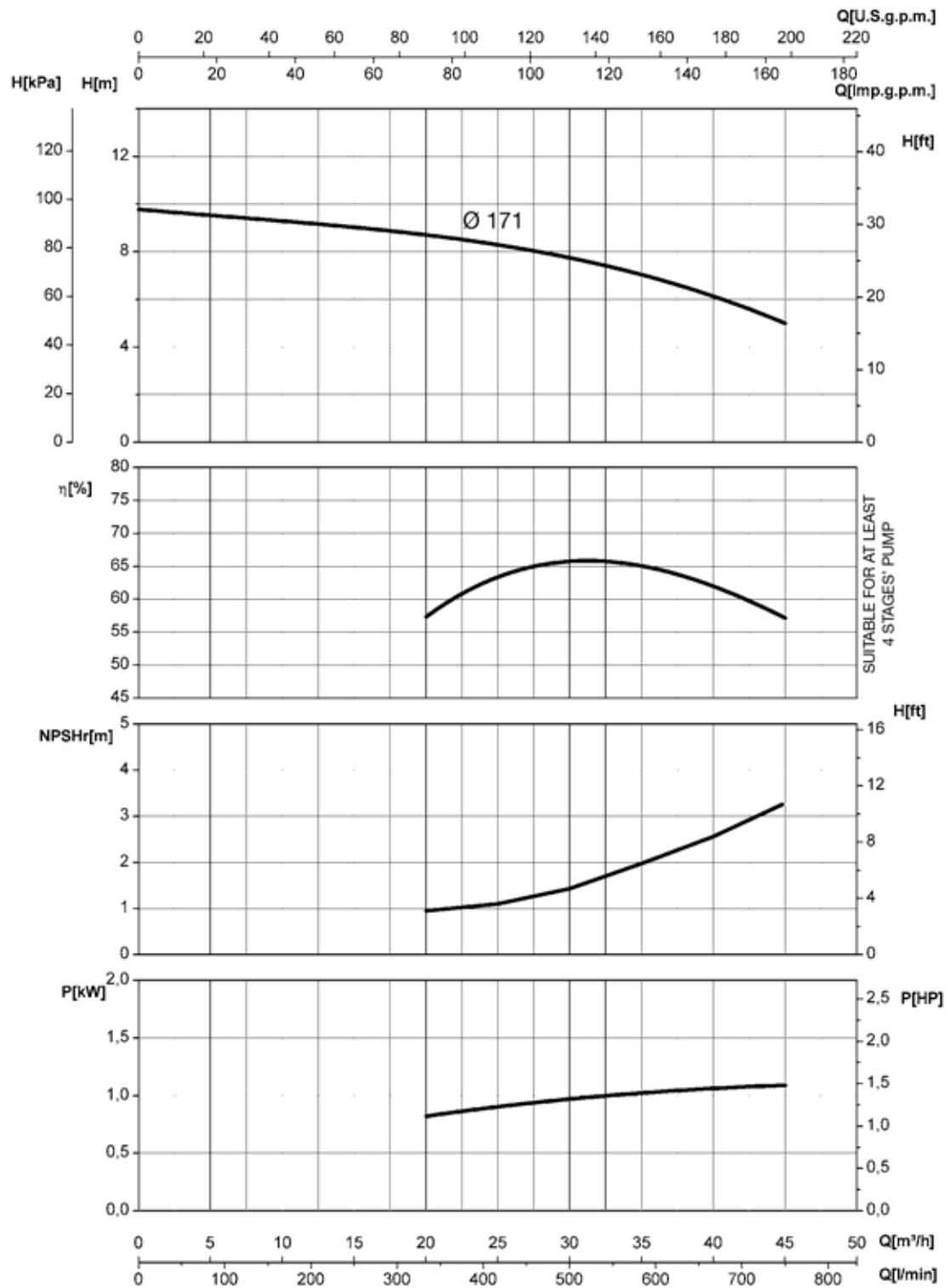
TM-TMB-TMV Series Pumps: Advantages

- ✓ Components designed with suitable thickness to guarantee greater resistance and lift to the exercise pressures.
 - ✓ A wide range of materials (cast iron EN-GJL-250, spheroidal cast iron EN-GJS-500, stainless steel AISI 316).
 - ✓ Suction flanges in PN 16, delivery flanges in PN 40 (PN 63 on request). Maximum working pressure: PN40 to PN63 depending on variations.
 - ✓ Three possible configurations: TM (axial suction), TMB (double support and lateral suction), TMV (vertical), all with the possibility of orienting the nozzle.
 - ✓ Hydraulic design developed with CFD systems and optimised in order to obtain the best hydraulic efficiency levels, combined with a wide range of Capacity-Discharge Head curves.
 - ✓ Standard with stainless steel AISI 461 shaft designed to resist the bending-torsion load generated and protected by anti-wear systems. On demand shafts made with different materials (Duplex, AISI 630).
- 1) Reduction system of axial loads on all versions: balance drum, impellers with holed and return pipe
 - 2) Last stage diffuser for radial loads removal.
 - 3) Different configurations of mechanical seal or gland packing according to the user's requirements, based on the fluid characteristics and the use conditions.
 - 4) Oversized ball bearings and protected from outer agents to offer a reduced working noise and a long service life. Available versions with oil soaked bearings and with a constant-level oil feeder on demand.
 - 5) Wear ring front and rear, easy to replace, to protect diffusers, stage bodies and impellers.
 - 6) TM series: suction profile conceived to increase the suction capacity and to reduce the NPSH and the possibility of cavitation.
 - 7) Thrust bearings used to support axial residual loads.
 - 8) TM and TMV series: Bushings made of antifriction materials.

COMPONENT	MATERIAL	
	STANDARD	ON REQUEST
Suction casing	Cast iron EN-GJL-250	Stainless steel AISI 316 (1.4408)
Diffuser		
Impeller		Spheroidal cast iron EN-GJS-500
Delivery body	Cast iron EN-GJL-250	Stainless steel AISI 316 (1.4408) Spheroidal cast iron EN-GJS-500
Supports	Cast iron EN-GJL 250	
Shaft	Stainless steel AISI 431 (1.4057)	Stainless steel DUPLEX (1.4362) AISI 630 (1.4542)
Shaft seal	Soft packing	Mechanical seal

40-65

= 1500 RPM

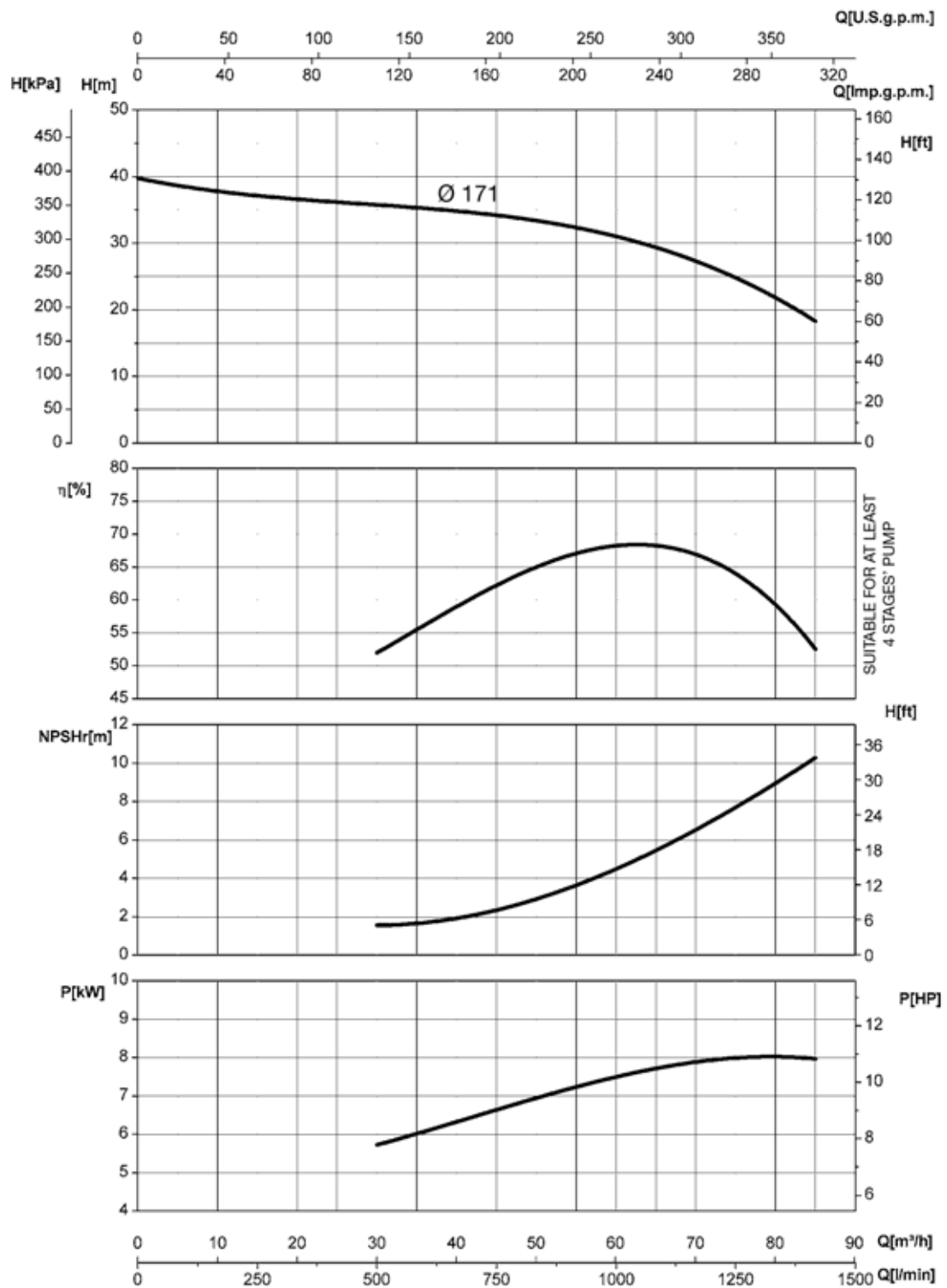


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

40-65

= 3000 RPM

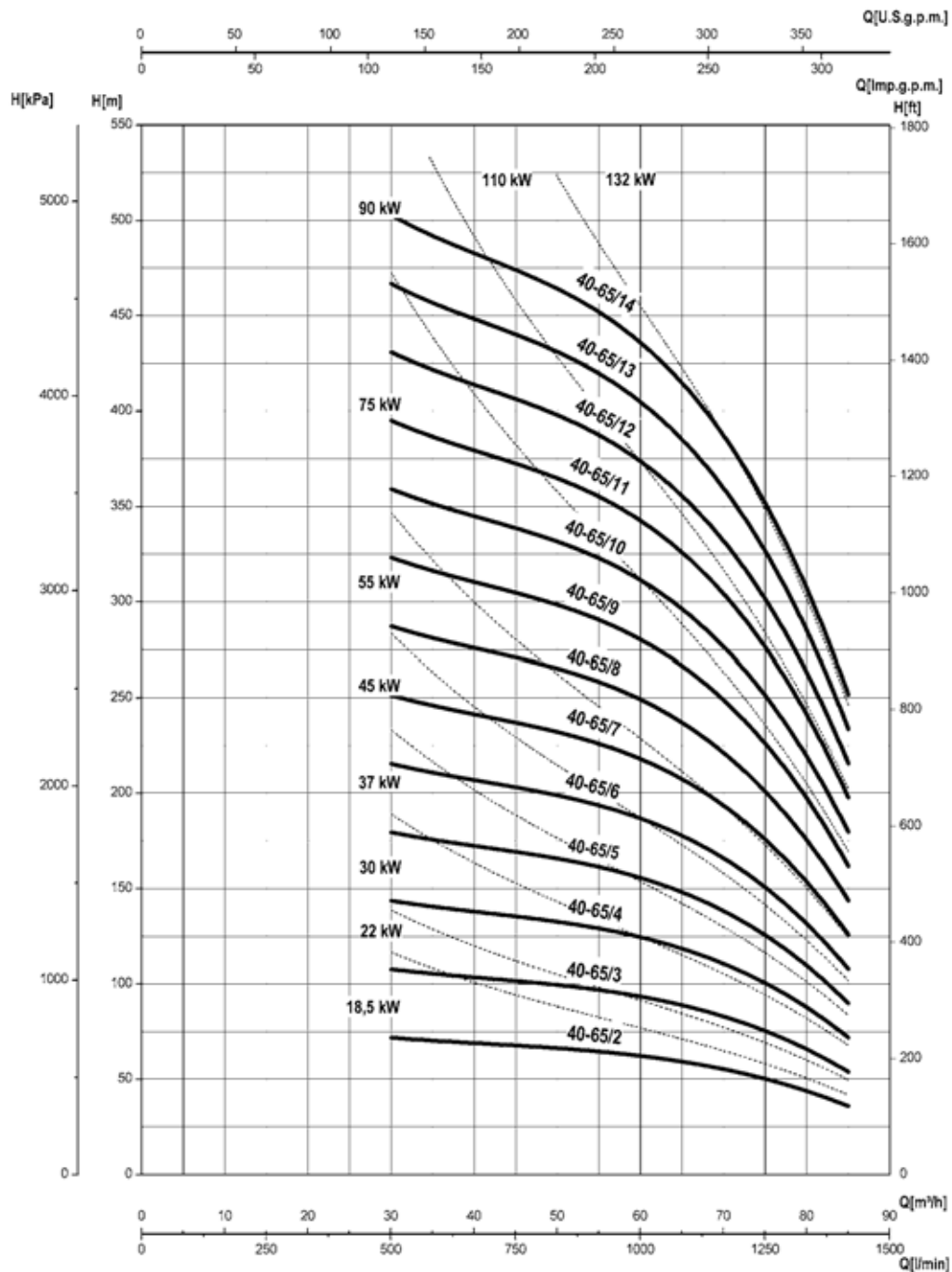


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

40-65

= 3000 RPM



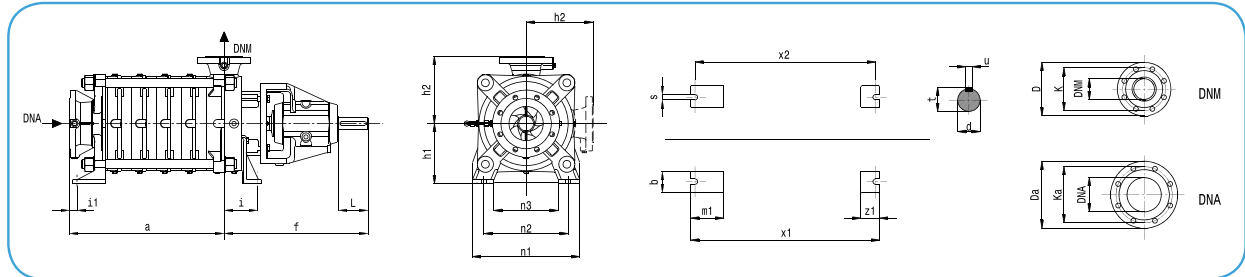
3000 RPM	40-65/2	40-65/3	40-65/4	40-65/5	40-65/6	40-65/7	40-65/8	40-65/9	40-65/10	40-65/11	40-65/12	40-65/13	40-65/14
TM	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
TMB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

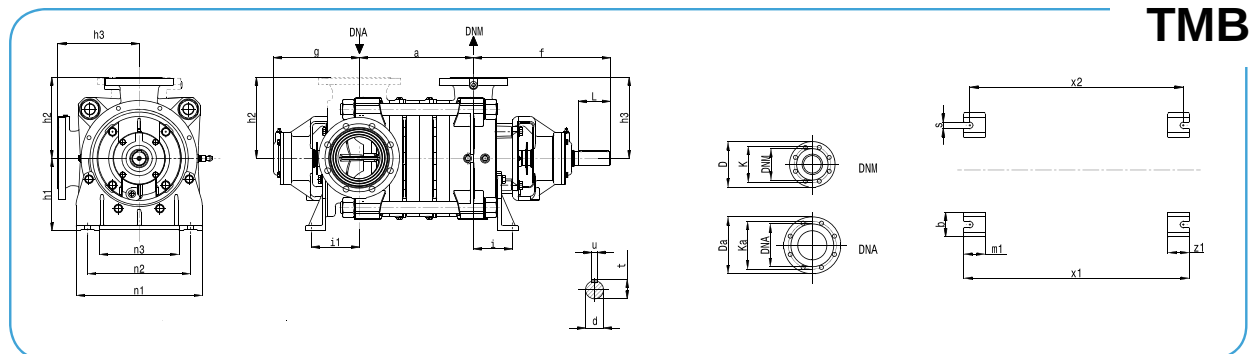
ISO 9006:2012 – Grade 3B. Data referred to standard version

40-65 DIMENSIONS

TM



Tipo Type	DNA	DNM	a	f	x1	x2	n1	n2	n3	h1	h2	m1	z1	s	b	i1	i	L	d	t	u
TM40-65/2	65	40	220	473	311	281	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/3	65	40	290	473	381	351	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/4	65	40	360	473	451	421	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/5	65	40	430	473	521	491	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/6	65	40	500	473	591	561	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/7	65	40	570	473	661	631	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/8	65	40	640	473	731	701	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/9	65	40	710	473	801	771	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10
TM40-65/10	65	40	780	473	871	841	280	212	160	180	180	70	60	15	60	47	109	80	32	35,3	10

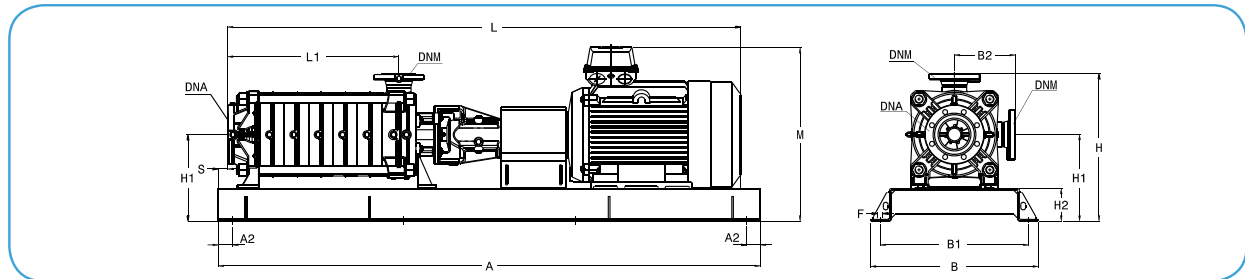


TMB

Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB40-65/2	65	40	180	268,5	380	439	409	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/3	65	40	250	268,5	380	509	479	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/4	65	40	320	268,5	380	579	549	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/5	65	40	390	268,5	380	649	619	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/6	65	40	460	268,5	380	719	689	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/7	65	40	530	268,5	380	789	759	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/8	65	40	600	268,5	380	859	829	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/9	65	40	670	268,5	380	929	899	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/10	65	40	740	268,5	380	999	969	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/11	65	40	810	268,5	380	1069	1039	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/12	65	40	880	268,5	380	1139	1109	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/13	65	40	950	268,5	380	1209	1179	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10
TMB40-65/14	65	40	1020	268,5	380	1279	1249	280	212	160	180	180	180	60	60	15	60	120	109	80	32	35,3	10

40-65 DIMENSIONS

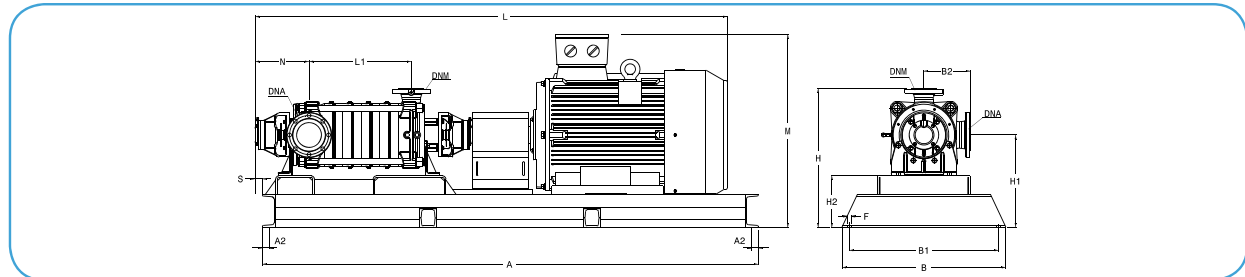
TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P40-65/2	DN65 PN16	DN40 PN40	3	4	100L	500	430	180	1095	220	455	480	300	120	1250	50	20	20
	TMZ4P40-65/3			4	5,5	112M	500	430	180	1182	290	480	480	300	120	1250	50	20	20
	TMZ4P40-65/4			5,5	7,5	132S	500	430	180	1314	360	500	480	300	120	1500	50	20	20
	TMZ4P40-65/5			5,5	7,5	132S	500	430	180	1384	430	500	480	300	120	1500	50	20	20
	TMZ4P40-65/6			7,5	10	132M	500	430	180	1492	500	500	480	300	120	1650	50	20	20
	TMZ4P40-65/7			7,5	10	132M	500	430	180	1562	570	500	480	300	120	1650	50	20	20
	TMZ4P40-65/8			9	12,5	132M	540	470	180	1632	640	500	480	300	120	1800	50	20	20
	TMZ4P40-65/9			11	15	160M	540	470	180	1802	710	585	505	325	145	1800	50	20	20
	TMZ4P40-65/10			11	15	160M	540	470	180	1872	780	585	505	325	145	1950	50	20	20
1800 RPM	6TMZ4P40-65/2	DN65 PN16	DN40 PN40	4	5,5	112M	500	430	180	1112	220	480	480	300	120	1250	50	20	20
	6TMZ4P40-65/3			5,5	7,5	132S	500	430	180	1244	290	500	480	300	120	1250	50	20	20
	6TMZ4P40-65/4			7,5	10	132M	500	430	180	1352	360	500	480	300	120	1500	50	20	20
	6TMZ4P40-65/5			11	15	160M	500	430	180	1522	430	585	505	325	145	1500	50	20	20
	6TMZ4P40-65/6			11	15	160M	500	430	180	1592	500	585	505	325	145	1650	50	20	20
	6TMZ4P40-65/7			15	20	160L	500	430	180	1707	570	585	505	325	145	1650	50	20	20
3000 RPM	TMZ2P40-65/2	DN65 PN16	DN40 PN40	18,5	25	160L	580	510	180	1357	220	585	505	325	145	1500	50	20	20
	TMZ2P40-65/3			30	40	200L	580	510	180	1545	290	640	500	320	140	1500	50	20	20
	TMZ2P40-65/4			37	50	200L	680	610	180	1615	360	640	500	320	140	1700	60	20	20
	TMZ2P40-65/5			45	60	225M	740	670	180	1726	430	740	570	390	210	1900	60	80	22
	TMZ2P40-65/6			55	75	250M	740	670	180	1905	500	780	570	390	210	1900	60	80	22
	TMZ2P40-65/7			75	100	280S	800	730	180	2041	570	875	620	440	260	2300	25	80	22
3600 RPM	6TMZ2P40-65/2	DN65 PN16	DN40 PN40	30	50	200L	580	510	180	1475	220	640	500	320	140	1500	50	20	20
	6TMZ2P40-65/3			45	60	225M	680	610	180	1586	290	690	525	345	165	1700	60	20	20
	6TMZ2P40-65/4			55	75	250M	740	670	180	1765	360	780	570	390	210	1900	60	80	22
	6TMZ2P40-65/5			75	100	280S	740	670	180	1901	430	860	600	420	240	2000	60	80	22

40-65 DIMENSIONS

TMBZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	N	S	F
				kW	HP															
1500 RPM	TMBZ4P40-65/2	DN65 PN16	DN40 PN40	3	4	100L	500	430	180	1230	180	455	480	300	120	1250	50	268	65	20
	TMBZ4P40-65/3			4	5,5	112M	500	430	180	1318	250	480	480	300	120	1250	50	268	65	20
	TMBZ4P40-65/4			5,5	7,5	132S	500	430	180	1450	320	500	480	300	120	1500	50	268	65	20
	TMBZ4P40-65/5			5,5	7,5	132S	500	430	180	1520	390	500	480	300	120	1500	50	268	65	20
	TMBZ4P40-65/6			7,5	10	132M	500	430	180	1628	460	500	480	300	120	1650	50	268	65	20
	TMBZ4P40-65/7			7,5	10	132M	500	430	180	1698	530	500	480	300	120	1650	50	268	65	20
	TMBZ4P40-65/8			9	12,5	132M	540	470	180	1768	600	500	480	300	120	1800	50	268	65	20
	TMBZ4P40-65/9			11	15	160M	540	470	180	1938	670	585	505	325	145	1800	50	268	65	20
	TMBZ4P40-65/10			11	15	160M	540	470	180	2008	740	585	505	325	145	1950	50	268	65	20
	TMBZ4P40-65/11			15	20	160L	540	470	180	2122	810	585	505	325	145	1950	50	268	65	20
	TMBZ4P40-65/12			15	20	160L	540	470	180	2192	880	585	505	325	145	2200	50	268	65	20
	TMBZ4P40-65/13			15	20	160L	540	470	180	2262	950	585	505	325	145	2200	50	268	65	20
	TMBZ4P40-65/14			15	20	160L	540	470	180	2332	1020	585	505	325	145	2200	50	268	65	20
1800 RPM	6TMBZ4P40-65/2	DN65 PN16	DN40 PN40	4	5,5	112M	500	430	180	1248	180	480	480	300	120	1250	50	268	65	20
	6TMBZ4P40-65/3			5,5	7,5	132S	500	430	225	1380	250	500	480	300	120	1250	50	268	65	20
	6TMBZ4P40-65/4			7,5	10	132M	500	430	225	1488	320	500	480	300	120	1500	50	268	65	20
	6TMBZ4P40-65/5			11	15	160M	500	430	225	1658	390	585	505	325	145	1500	50	268	65	20
	6TMBZ4P40-65/6			11	15	160M	500	430	225	1728	460	585	505	325	145	1650	50	268	65	20
	6TMBZ4P40-65/7			15	20	160L	500	430	225	1842	530	585	505	325	145	1650	50	268	65	20
	6TMBZ4P40-65/8			15	20	160L	540	470	225	1912	600	585	505	300	120	1800	50	268	65	20
	6TMBZ4P40-65/9			18,5	25	180M	540	470	225	2020	670	570	480	300	120	1800	50	268	65	20
	6TMBZ4P40-65/10			18,5	25	180M	540	470	225	2090	740	570	480	300	120	1950	50	268	65	20
	TMBZ2P40-65/2		DN40 PN40	18,5	25	180M	580	510	180	1530	180	585	505	325	145	1500	50	268	70	20
3000 RPM	TMBZ2P40-65/3			30	40	200L	580	510	180	1680	250	640	500	320	140	1500	50	268	70	20
	TMBZ2P40-65/4			37	50	200L	680	610	180	1750	320	640	500	320	140	1700	50	268	70	20
	TMBZ2P40-65/5			45	60	225M	740	670	180	1862	390	740	570	390	210	1900	60	268	10	20
	TMBZ2P40-65/6			55	75	250M	740	670	180	2040	460	780	570	390	210	1900	60	268	10	20
	TMBZ2P40-65/7			75	100	280S	800	730	180	2176	530	875	620	440	260	2300	25	268	5	22
	TMBZ2P40-65/8			75	100	280S	800	730	180	2246	600	875	620	440	260	2300	25	268	5	22
	TMBZ2P40-65/9			75	100	280S	800	730	180	2316	670	875	620	440	260	2480	25	268	5	22
	TMBZ2P40-65/10			90	125	280M	800	730	180	2438	740	875	620	440	260	2480	25	268	5	22
	TMBZ2P40-65/11R			90	125	280M	800	730	180	2508	810	965	655	475	295	2810	25	268	-65	22
	TMBZ2P40-65/12R		DN40 PN63	110	150	315S	800	730	180	2748	880	965	655	475	295	2810	25	268	5	22
	TMBZ2P40-65/13R			110	150	315S	800	730	180	2818	950	965	655	475	295	2810	25	268	-65	22
	TMBZ2P40-65/14R			132	180	315M	800	730	180	3038	1020	965	655	475	295	2810	25	268	5	22
3600 RPM	6TMBZ2P40-65/2	DN65 PN16	DN40 PN40	30	50	200L	580	510	180	1610	180	640	500	320	140	1500	50	268	70	20
	6TMBZ2P40-65/3			45	60	225M	680	610	180	1722	250	690	525	345	165	1700	50	268	50	20
	6TMBZ2P40-65/4			55	75	250M	740	670	180	1900	320	780	570	390	210	1900	60	268	10	20
	6TMBZ2P40-65/5			75	100	280S	740	670	180	2036	390	860	600	420	240	2000	60	268	10	20
	6TMBZ2P40-65/6			90	125	280M	740	670	180	2158	460	860	600	420	240	2000	60	268	10	22
	6TMBZ2P40-65/7R		DN40 PN63	110	150	315S	800	730	180	2398	530	965	655	475	295	2300	25	268	5	22
	6TMBZ2P40-65/8R			110	150	315S	800	730	180	2468	600	965	655	475	295	2300	25	268	5	22
	6TMBZ2P40-65/9R			132	180	315M	800	730	180	2688	670	965	655	475	295	2480	25	268	5	22
	6TMBZ2P40-65/10R			160	220	315L	800	730	180	2758	740	965	655	475	295	2480	25	268	5	22

50-80 HYDRAULIC FEATURES

1500 RPM

50 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	88	110	132	154	176	198	220	229	242
				m³/h	0	20	25	30	35	40	45	50	52	55
	kW	HP		l/min	0	333	417	500	583	667	750	834	867	917

Prevalenza totale in m - Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м

50-80/2	4	5,5	H [m]	24	22	21,5	21	20	19,5	18,5	17	16,5	14,5
50-80/3	5,5	7,5		36	33	32,5	31,5	30	29,5	28	26	24,5	22
50-80/4	7,5	10		48	44	43	42	40	39	37	34,5	32,5	29,5
50-80/5	9	12,5		60	55	54	52,5	50	49	46,5	43	41	37
50-80/6	11	15		72	66	65	63	60	59	56	51,5	48,9	44
50-80/7	15	20		84	77	75,5	73,5	70	68,5	65	60	57	51,5
50-80/8	15	20		96	88	86,5	84	80	78,5	74,5	68	65	59
50-80/9	18,5	25		108	99	97	94,5	90	88	83,5	77,5	73,5	66
50-80/10	18,5	25		120	110	108	105	100	98	93	86	81,5	73,5
50-80/11	22	30		132	121	119	115,5	110	108	102,5	94,5	89,5	81
50-80/12	22	30		144	132	129,6	126	120	117,5	111,5	103	98	88
50-80/13	30	40		156	143	140,5	136,5	130	127,5	121	112	106	95,5
NPSHr [m]				-	1,9	2,1	2,7	3,7	4,1	5,1	7	7,8	9,1

UNI EN ISO 9906:2012 - Grade 3B

1800 RPM

60 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	110	132	154	176	198	220	242	255	273
				m³/h	0	25	30	35	40	45	50	55	58	62
	kW	HP		l/min	0	417	500	583	667	750	833	917	967	1033

Prevalenza totale in m - Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м

50-80/2	7,5	10	H [m]	35	32	31,5	30,5	30	29	28	26	24	20
50-80/3	9	12,5		52,5	47,5	47	46	44,5	43,5	41,5	39,5	36,5	30,5
50-80/4	15	20		70	63,5	63	61	59,5	58	55,5	52,5	48,5	40,5
50-80/5	15	20		87,5	79,5	78,5	76,5	74,5	72,5	69,5	65,5	60,5	50,5
50-80/6	18,5	25		105	95,5	94	92	89,5	87	83,5	78,5	72,5	60,5
50-80/7	22	30		122,5	111,5	110	107	104,5	101,5	97,5	91,5	84,5	70,5
50-80/8	30	40		140	127	125,5	122,5	119	116	111	105	97	81
50-80/9	30	40		157,5	143	141,5	137,5	134	130,5	125	118	109	91
NPSHr [m]				-	2,4	3,3	3,9	4,5	5,2	6,1	7	7,8	8,5

UNI EN ISO 9906:2012 - Grade 3B

50-80 HYDRAULIC FEATURES

3000 RPM

50 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	176	220	264	308	352	396	440	462	484
				m³/h	0	40	50	60	70	80	90	100	105	110
	kW	HP		l/min	0	667	833	1000	1167	1333	1500	1667	1750	1833

Prevalenza totale in m - Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м

50-80/2	30	40	H [m]	96	88	86,5	84	81	78,5	74	69	65	59
50-80/3	45	60		143,5	132	129,5	126	121,5	117,5	111	103,5	98	88,5
50-80/4	75	100		191,5	176	173	168	162	157	148	138	130,5	118
50-80/5	75	100		239,5	220	216	210	202,5	196	185	172,5	163	147,5
50-80/6	90	125		287,5	264	259	252	243	235	222	207	195,5	177
50-80/7	110	150		335,5	308	302,5	294	283,5	274,5	259	241,5	228	206,5
50-80/8	132	180		383	352	345,5	336	324	313,5	296	276	261	236
50-80/9	132	180		431	396	389	378	364,5	353	333	310,5	293,5	265,5
50-80/10R	160	220		479	440	432	420	405	392	370	345	326	295
50-80/11R	160	220		527	484	475	462	445,5	431	407	379,5	358,5	324,5
50-80/12R	200	270		575	528	518,5	504	486	470,5	444	414	391	354
50-80/13R	200	270		622,5	572	561,5	546	526,5	509,5	481	448,5	424	383,5
NPSHr [m]				-	1,9	2,3	2,7	3,2	4,1	5,1	7	7,8	9,1

UNI EN ISO 9906:2012 - Grade 3B

3600 RPM

60 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	198	264	308	352	396	440	484	528	550
				m³/h	0	45	60	70	80	90	100	110	120	125
	kW	HP		l/min	0	750	1000	1167	1333	1500	1667	1833	2000	2083

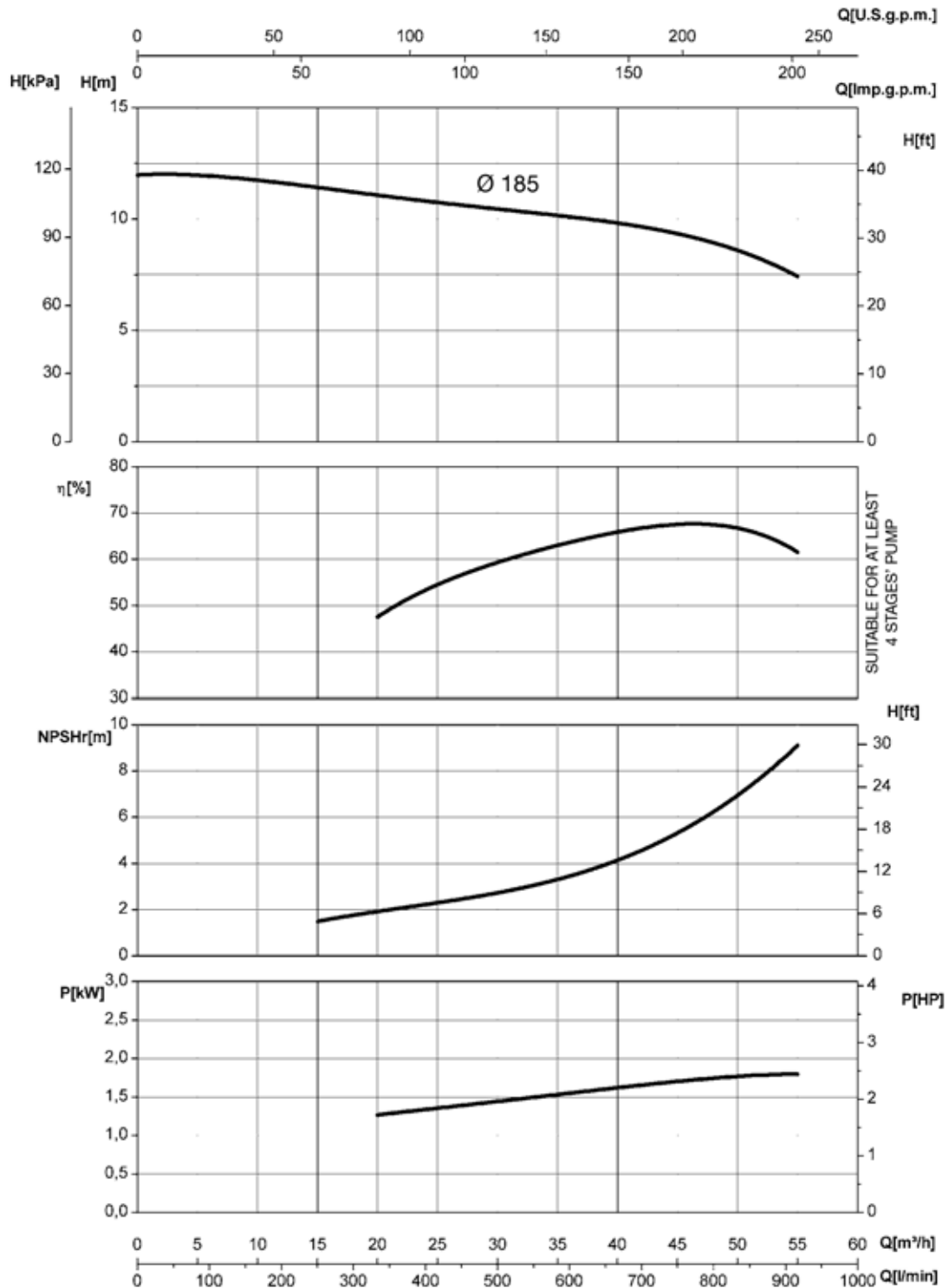
Prevalenza totale in m - Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м

			Sadržaj i dimenzije u m										
50-80/2	55	75	H [m]	139	128,5	125	122	119	116	111	104,5	89	81
50-80/3	75	100		209	193	187	183	178,5	174	167	157	133,5	121,5
50-80/4	110	150		278,5	257	249,5	244	238	231,5	222,5	209	178	162
50-80/5	132	180		348	321,5	312	305	297,5	289,5	278	261,5	222,5	202,5
50-80/6R	160	220		417,5	386	375,5	366	357	347,5	333,5	314	267	243
50-80/7R	200	270		487	450	436,5	427	416,5	405,5	389	366	311,5	283,5
50-80/8R	200	270		556,5	514,5	499	488	476	463	445	418,5	356	324
50-80/9R	250	340		626,5	578,5	561,6	549	535,5	521	500,5	470	400,5	364,5
NPSHr [m]				-	2,6	3,3	4	4,5	5,2	6,1	6,9	7,8	8,4

UNI EN ISO 9906:2012 - Grade 3B

50-80

= 1500 RPM

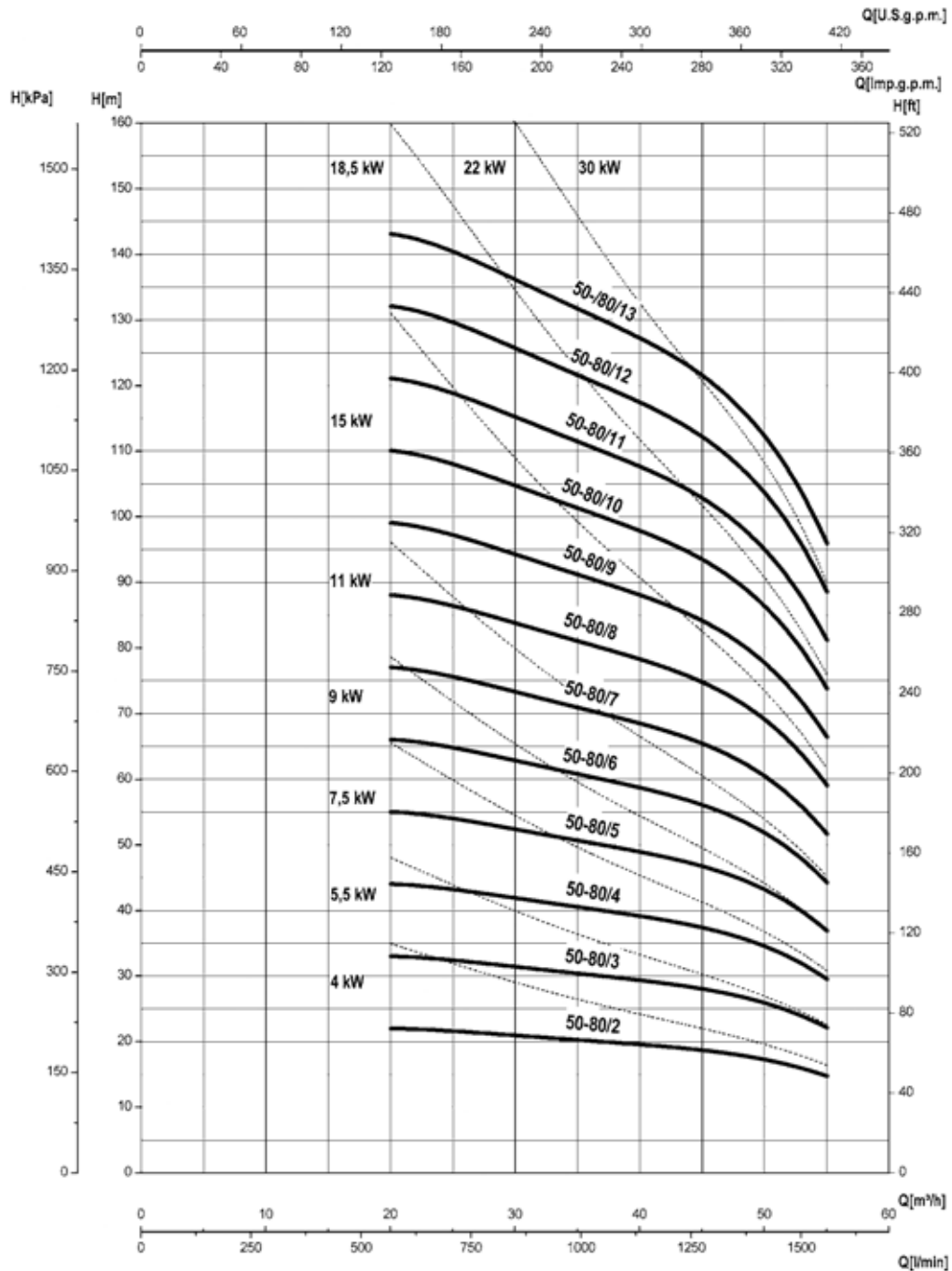


The performance curves are based on the kinematic viscosity values = 1 mm²/s, density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

50-80

= 1500 RPM



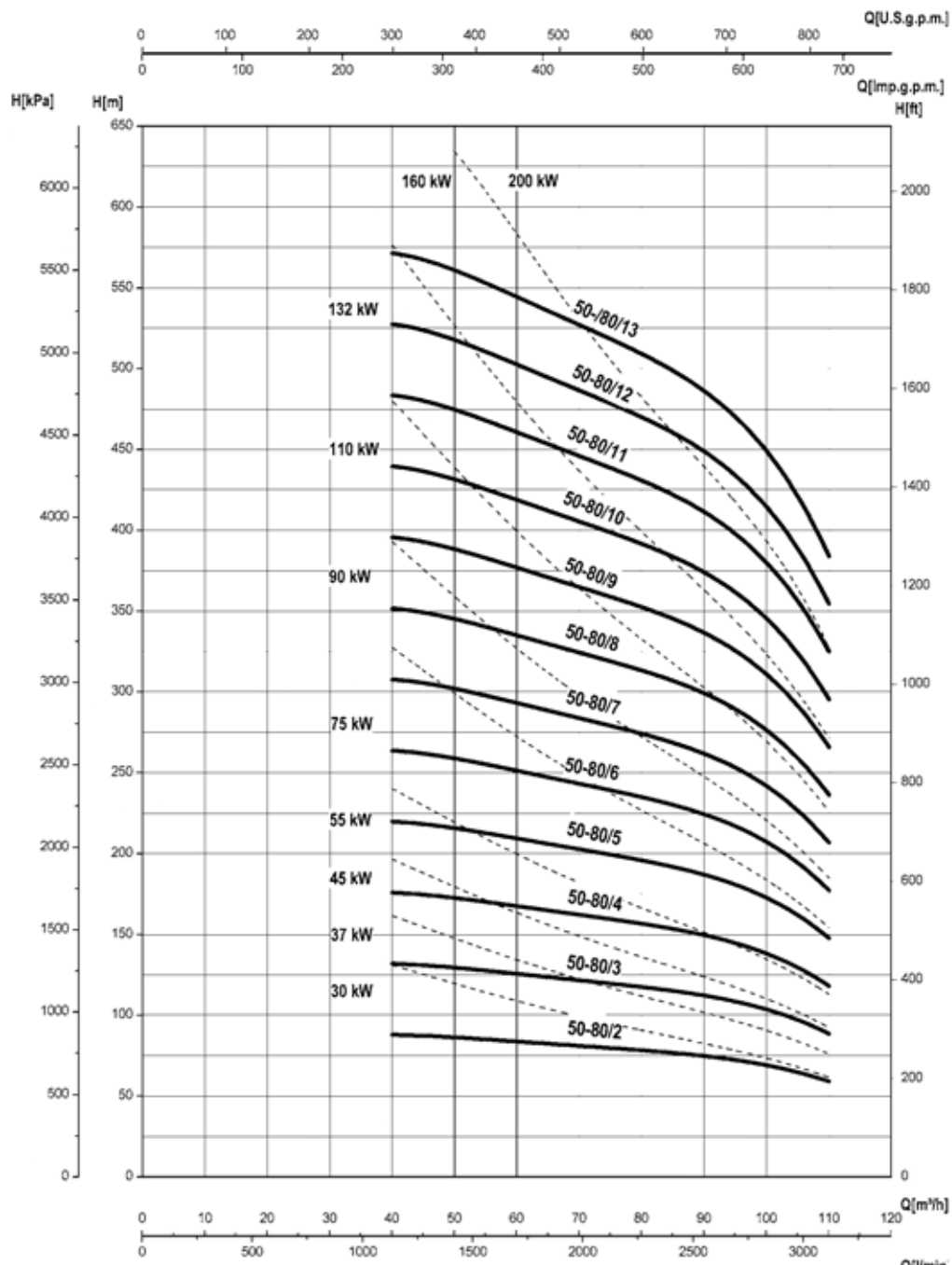
1500 RPM	50-80/2	50-80/3	50-80/4	50-80/5	50-80/6	50-80/7	50-80/8	50-80/9	50-80/10	50-80/11	50-80/12	50-80/13
TM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗
TMB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

50-80

= 3000 RPM



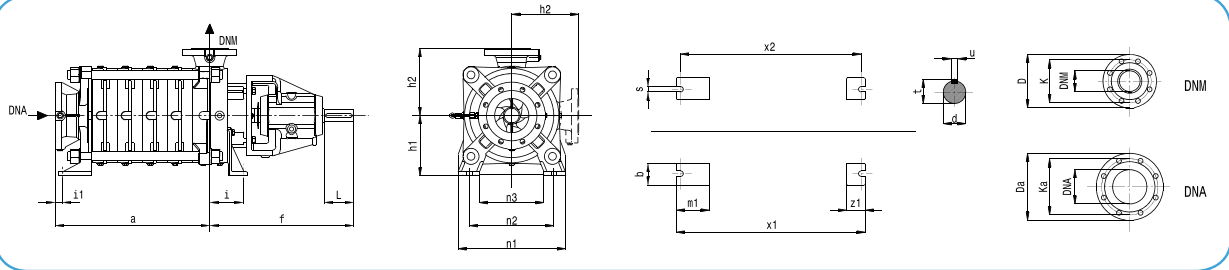
3000 RPM	50-80/2	50-80/3	50-80/4	50-80/5	50-80/6	50-80/7	50-80/8	50-80/9	50-80/10	50-80/11	50-80/12	50-80/13
TM	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
TMB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

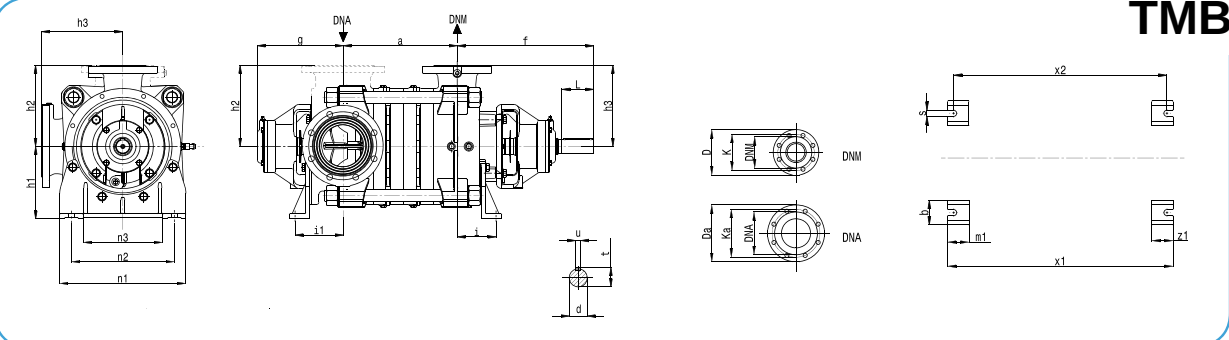
ISO 9006:2012 – Grade 3B. Data referred to standard version

50-80 DIMENSIONS

TM



Tipo Type	DNA	DNM	a	f	x1	x2	n1	n2	n3	h1	h2	m1	z1	s	b	i1	i	L	d	t	u
TM50-80/2	80	50	237	470	327	300	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/3	80	50	315	470	406	378	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/4	80	50	393	470	484	456	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/5	80	50	471	470	562	534	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/6	80	50	549	470	640	612	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/7	80	50	627	470	718	690	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/8	80	50	705	470	796	768	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/9	80	50	783	470	874	846	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10
TM50-80/10	80	50	861	470	952	924	280	212	160	180	200	70	60	15	60	47	110	80	38	41,3	10

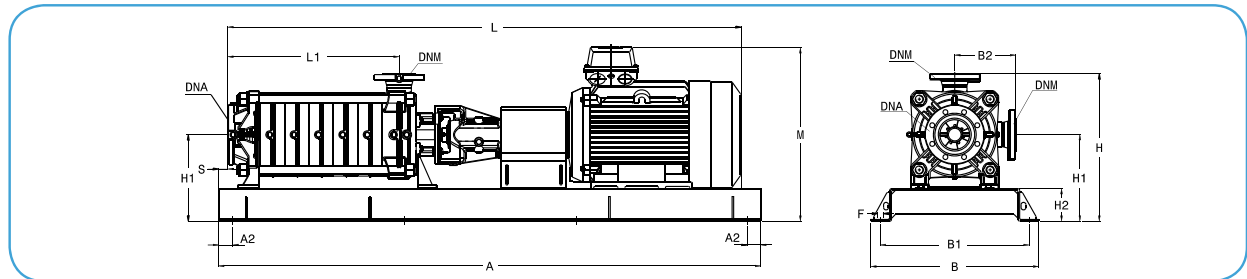


TMB

Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB50-80/2	80	50	199	269,5	383	458	428	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/3	80	50	277	269,5	383	536	506	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/4	80	50	355	269,5	383	614	584	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/5	80	50	433	269,5	383	692	662	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/6	80	50	511	269,5	383	770	740	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/7	80	50	589	269,5	383	848	818	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/8	80	50	667	269,5	383	926	896	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/9	80	50	745	269,5	383	1004	974	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/10	80	50	823	269,5	383	1082	1052	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/11	80	50	901	269,5	383	1160	1130	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/12	80	50	979	269,5	383	1238	1208	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10
TMB50-80/13	80	50	1057	269,5	383	1316	1286	280	212	160	180	200	200	60	60	15	60	120	109	80	38	41,3	10

50-80 DIMENSIONS

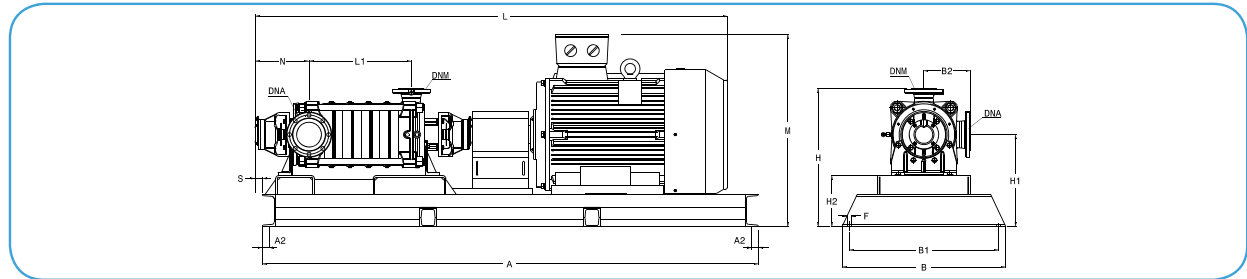
TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P50-80/2	DN80 PN16	DN50 PN40	4	5,5	112M	500	430	200	1126	237	480	500	300	120	1220	50	30	20
	TMZ4P50-80/3			5,5	7,5	132S	500	430	200	1266	315	500	500	300	120	1220	50	0	20
	TMZ4P50-80/4			7,5	10	132M	500	430	200	1382	393	500	500	300	120	1500	50	0	20
	TMZ4P50-80/5			9	12,5	132M	540	470	200	1460	471	500	500	300	120	1650	50	30	20
	TMZ4P50-80/6			11	15	160M	540	470	200	1638	549	575	525	325	145	1650	50	0	20
	TMZ4P50-80/7			15	20	160L	540	470	200	1761	627	575	525	325	145	1850	50	30	20
	TMZ4P50-80/8			15	20	160L	540	470	200	1839	705	575	525	325	145	1850	50	0	20
	TMZ4P50-80/9			18,5	25	180M	580	510	200	1954	783	570	500	300	120	2000	50	30	20
	TMZ4P50-80/10			18,5	25	180M	580	510	200	2032	861	570	500	300	120	2000	50	0	20
1800 RPM	6TMZ4P50-80/2	DN80 PN16	DN50 PN40	7,5	5,5	132M	500	430	200	1226	237	500	500	300	120	1220	50	30	20
	6TMZ4P50-80/3			9	7,5	132M	500	430	200	1304	315	500	500	300	120	1500	50	30	20
	6TMZ4P50-80/4			15	12,5	160L	500	430	200	1527	393	530	525	325	145	1500	50	0	20
	6TMZ4P50-80/5			15	12,5	160L	540	470	200	1605	471	550	500	300	120	1650	50	30	20
	6TMZ4P50-80/6			18,5	20	180M	540	470	200	1720	549	570	500	300	120	1650	50	0	20
	6TMZ4P50-80/7			22	20	180L	540	470	200	1836	627	570	500	300	120	1900	50	30	20
3000 RPM	TMZ2P50-80/2	DN80 PN16	DN50 PN40	30	40	200L	620	550	200	1489	237	640	520	320	140	1600	50	30	20
	TMZ2P50-80/3			45	60	225M	620	550	200	1608	315	690	545	345	165	1600	50	0	20
	TMZ2P50-80/4			75	100	280S	800	730	200	1861	393	880	640	440	260	2180	25	120	22
	TMZ2P50-80/5			75	100	280S	740	670	200	1939	471	860	620	420	240	2000	60	90	20
	TMZ2P50-80/6			90	125	280M	740	670	200	2068	549	860	620	420	240	2000	60	50	20
3600 RPM	6TMZ2P50-80/2	DN80 PN16	DN50 PN40	55	75	250M	580	510	200	1639	237	640	590	390	210	1700	60	30	20
	6TMZ2P50-80/3			75	100	280S	680	610	200	1783	315	775	620	420	240	2000	60	130	22
	6TMZ2P50-80/4			110	150	315S	740	670	200	2082	393	960	675	475	295	2180	25	80	22

50-80 DIMENSIONS

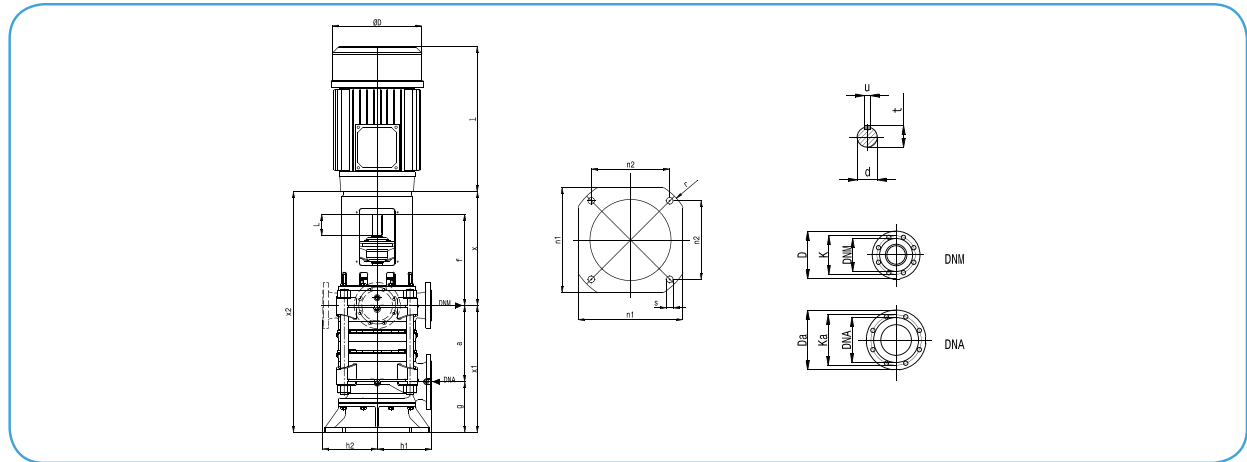
TMBZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	N	S	F
				kW	HP															
1500 RPM	TMBZ4P50-80/2	DN80 PN16	DN50 PN40	4	5,5	112M	500	430	200	1270	199	480	500	300	120	1220	50	268	65	20
	TMBZ4P50-80/3			5,5	7,5	132S	500	430	200	1410	277	500	500	300	120	1220	50	268	65	20
	TMBZ4P50-80/4			7,5	10	132M	500	430	200	1526	355	500	500	300	120	1500	50	268	65	20
	TMBZ4P50-80/5			9	12,5	132M	540	470	200	1605	433	500	500	300	120	1650	50	268	65	20
	TMBZ4P50-80/6			11	15	160M	540	470	200	1782	511	575	525	325	145	1650	50	268	65	20
	TMBZ4P50-80/7			15	20	160L	540	470	200	1905	589	575	525	325	145	1850	50	268	65	20
	TMBZ4P50-80/8			15	20	160L	540	470	200	1984	667	575	525	325	145	1850	50	268	65	20
	TMBZ4P50-80/9			18,5	25	180M	580	510	200	2098	745	570	500	300	120	2000	50	268	65	20
	TMBZ4P50-80/10			18,5	25	180M	580	510	200	2176	823	570	500	300	120	2000	50	268	65	20
	TMBZ4P50-80/11			22	30	180L	580	510	200	2292	901	570	500	300	120	2300	50	268	65	20
	TMBZ4P50-80/12			22	30	180L	580	510	200	2370	979	570	500	300	120	2300	50	268	65	20
	TMBZ4P50-80/13			30	40	200L	580	510	200	2492	1057	640	520	320	140	2300	50	268	65	20
1800 RPM	6TMBZ4P50-80/2	DN80 PN16	DN50 PN40	7,5	10	132M	500	430	200	1370	199	500	500	300	120	1220	50	268	65	20
	6TMBZ4P50-80/3			9	12,5	132M	500	430	200	1448	277	500	500	300	120	1500	50	268	65	20
	6TMBZ4P50-80/4			15	20	160L	500	430	200	1672	355	575	525	325	145	1500	50	268	65	20
	6TMBZ4P50-80/5			15	20	160M	540	470	200	1800	433	570	500	300	120	1650	50	268	65	20
	6TMBZ4P50-80/6			18,5	25	180M	540	470	200	1865	511	570	500	300	120	1650	50	268	65	20
	6TMBZ4P50-80/7			22	30	180L	540	470	200	1980	589	570	500	300	120	1900	50	268	65	20
	6TMBZ4P50-80/8			30	40	200L	540	470	200	2102	667	640	520	320	140	1900	50	268	65	20
	6TMBZ4P50-80/9			30	40	200L	540	470	200	2180	745	640	520	320	140	2000	50	268	65	20
	TMBZ2P50-80/2			30	40	200L	620	550	200	1634	199	640	520	320	140	1600	50	268	65	20
3000 RPM	TMBZ2P50-80/3	DN80 PN16	DN50 PN40	45	60	225M	620	550	200	1752	277	690	545	345	165	1600	50	268	65	20
	TMBZ2P50-80/4			75	100	280S	800	730	200	2005	355	880	640	440	260	2180	25	268	0	20
	TMBZ2P50-80/5			75	100	280S	740	670	200	2084	433	860	620	420	240	2000	60	268	30	20
	TMBZ2P50-80/6			90	125	280M	740	670	200	2212	511	860	620	420	240	2000	60	268	30	20
	TMBZ2P50-80/7			110	150	315S	800	730	200	2460	589	960	675	475	295	2450	25	268	10	22
	TMBZ2P50-80/8			132	180	315M	800	730	200	2688	667	960	675	475	295	2450	25	268	10	22
	TMBZ2P50-80/9			132	180	315M	800	730	200	2766	745	960	675	475	295	2600	25	268	10	22
	TMBZ2P50-80/10R			160	220	315L	800	730	200	2845	823	960	675	475	295	2600	25	268	10	22
	TMBZ2P50-80/11R			160	220	315L	800	730	200	2922	901	960	675	475	295	2780	25	268	-60	22
	TMBZ2P50-80/12R		DN50 PN63	200	270	315L	800	730	200	3000	979	960	675	475	295	2780	25	268	-60	22
	TMBZ2P50-80/13R			200	270	315L	800	730	200	3078	1057	960	675	475	295	2780	25	268	10	22
3600 RPM	6TMBZ2P50-80/2	DN80 PN16	DN50 PN40	55	75	250M	680	610	200	1784	199	775	590	390	210	1700	60	268	35	22
	6TMBZ2P50-80/3			75	100	280S	800	730	200	1928	277	880	640	440	260	2180	25	268	0	22
	6TMBZ2P50-80/4			110	150	315S	800	730	200	2226	355	960	675	475	295	2180	25	268	10	22
	6TMBZ2P50-80/5			132	180	315M	800	730	200	2455	433	960	675	475	295	2180	25	268	10	22
	6TMBZ2P50-80/6R			160	220	316L	800	730	200	2532	511	960	675	475	295	2330	25	268	10	22
	6TMBZ2P50-80/7R		DN50 PN63	200	270	315L	800	730	200	2610	589	960	675	475	295	2330	25	268	10	22
	6TMBZ2P50-80/8R			200	270	315L	800	730	200	2688	667	960	675	475	295	2450	25	268	10	22
	6TMBZ2P50-80/9R			250	340	355M	940	760	200	2912	745	1080	730	530	350	2650	40	268	10	22

50-80 DIMENSIONS

TMV-TMVZ



	Tipo Type	DNA	DNM	a	f	g	x	x1	x2	n1	n2	h1	h2	r	s	L	d	t	u	MOTOR		l	øD
																				Kw	MEC		
1500 RPM	TMVZ4P50-80/2	DN80 PN16	DN50 PN40	199	389	189	512	388	900	380	305	200	200	250	26	80	38	41,3	10	4	112M	405	220
	TMVZ4P50-80/3			277	389	189	512	466	978	380	305	200	200	250	26	80	38	41,3	10	5,5	132S	467	259
	TMVZ4P50-80/4			355	389	189	512	544	1056	380	305	200	200	250	26	80	38	41,3	10	7,5	132M	505	259
	TMVZ4P50-80/5			433	389	189	512	622	1134	380	305	200	200	250	26	80	38	41,3	10	9	132M	505	259
	TMVZ4P50-80/6			511	389	189	512	700	1212	380	305	200	200	250	26	80	38	41,3	10	11	160M	605	313
	TMVZ4P50-80/7			589	389	189	512	778	1290	380	305	200	200	250	26	80	38	41,3	10	15	160L	650	313
	TMVZ4P50-80/8			667	389	189	512	856	1368	380	305	200	200	250	26	80	38	41,3	10	15	160L	650	313
1800 RPM	TMVZ4P50-80/9			745	389	189	512	934	1446	380	305	200	200	250	26	80	38	41,3	10	18,5	180M	687	360
	6TMVZ4P50-80/2	DN80 PN16	DN50 PN40	199	389	189	512	388	900	380	305	200	200	250	26	80	38	41,3	10	7,5	132M	505	259
	6TMVZ4P50-80/3			277	389	189	512	466	978	380	305	200	200	250	26	80	38	41,3	10	9	132M	505	259
	6TMVZ4P50-80/4			355	389	189	512	544	1056	380	305	200	200	250	26	80	38	41,3	10	15	160L	650	313
	6TMVZ4P50-80/5			433	389	189	512	622	1134	380	305	200	200	250	26	80	38	41,3	10	15	160L	650	313
	6TMVZ4P50-80/6			511	389	189	512	700	1212	380	305	200	200	250	26	80	38	41,3	10	18,5	180M	687	360
	6TMVZ4P50-80/7			589	389	189	512	778	1290	380	305	200	200	250	26	80	38	41,3	10	22	180L	725	360
3000 RPM	TMVZ2P50-80/2	DN80 PN16	DN50 PN40	199	389	189	542	388	930	380	305	200	200	250	26	80	38	41,3	10	30	200L	768	399
	TMVZ2P50-80/3			277	389	189	542	466	1008	380	305	200	200	250	26	80	38	41,3	10	45	225M	809	465
	TMVZ2P50-80/4			355	389	189	542	544	1086	380	305	200	200	250	26	80	38	41,3	10	75	280S	984	559
	TMVZ2P50-80/5			433	389	189	542	622	1164	380	305	200	200	250	26	80	38	41,3	10	75	280S	984	559
	TMVZ2P50-80/6			511	389	189	542	700	1242	380	305	200	200	250	26	80	38	41,3	10	90	280M	1035	559
	6TMVZ2P50-80/2			199	389	189	542	388	930	380	305	200	200	250	26	80	38	41,3	10	55	250M	918	506
	6TMVZ2P50-80/3			277	389	189	542	466	1008	380	305	200	200	250	26	80	38	41,3	10	75	280S	984	559
3600 RPM	6TMVZ2P50-80/4	DN80 PN16	DN50 PN40	355	389	189	542	544	1086	380	305	200	200	250	26	80	38	41,3	10	110	315S	1205	680

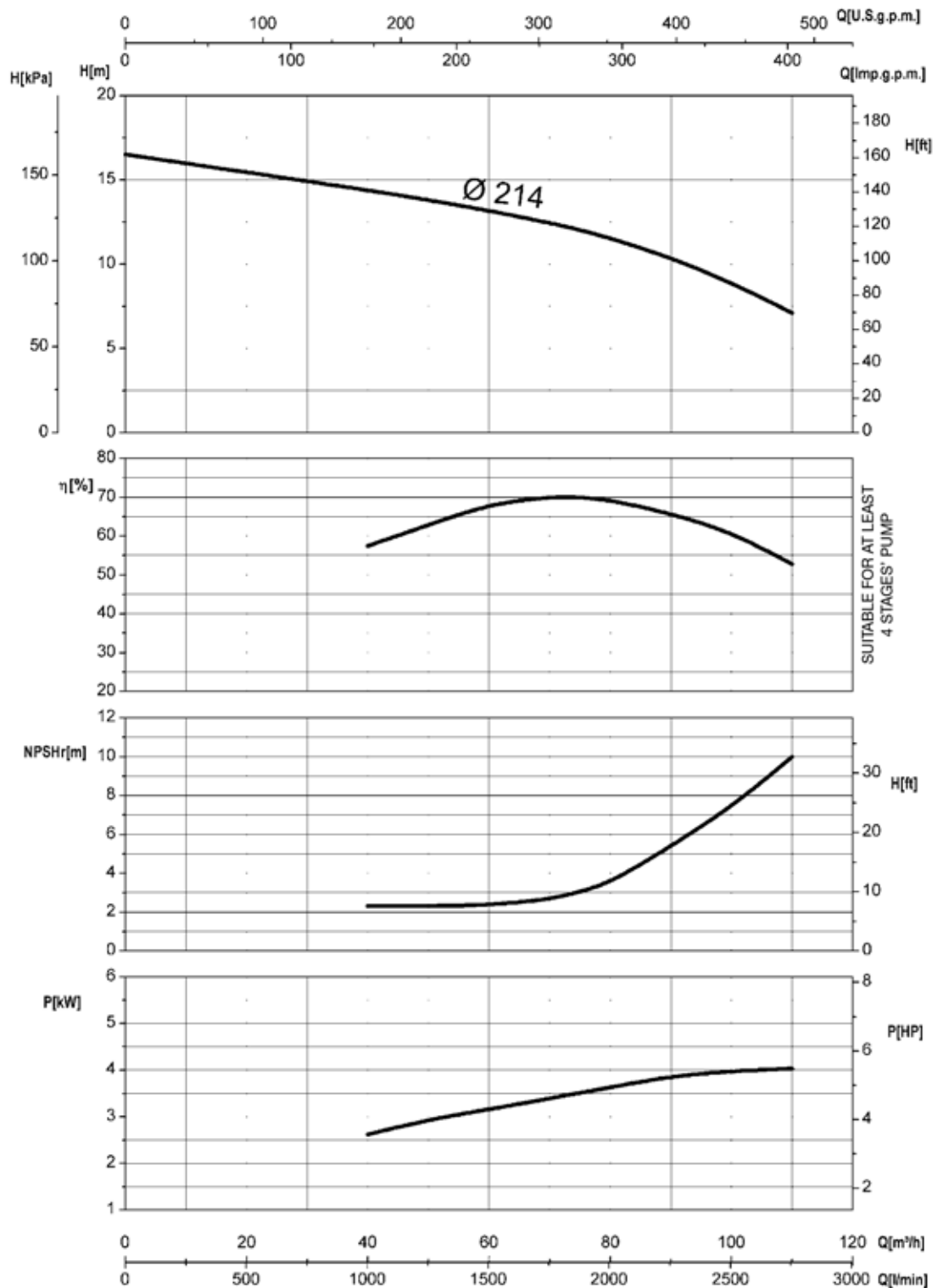
	DA	KA	DNA	FORI- HOLES	
				Ø	N°
DNA PN16	200	160	80	19	8

	D	K	DNM	FORI- HOLES	
				Ø	N°
DNM PN40	165	125	50	19	4

	D	K	DNM	FORI- HOLES	
				Ø	N°
DNM PN63	180	135	50	23	4

65-100

= 1500 RPM

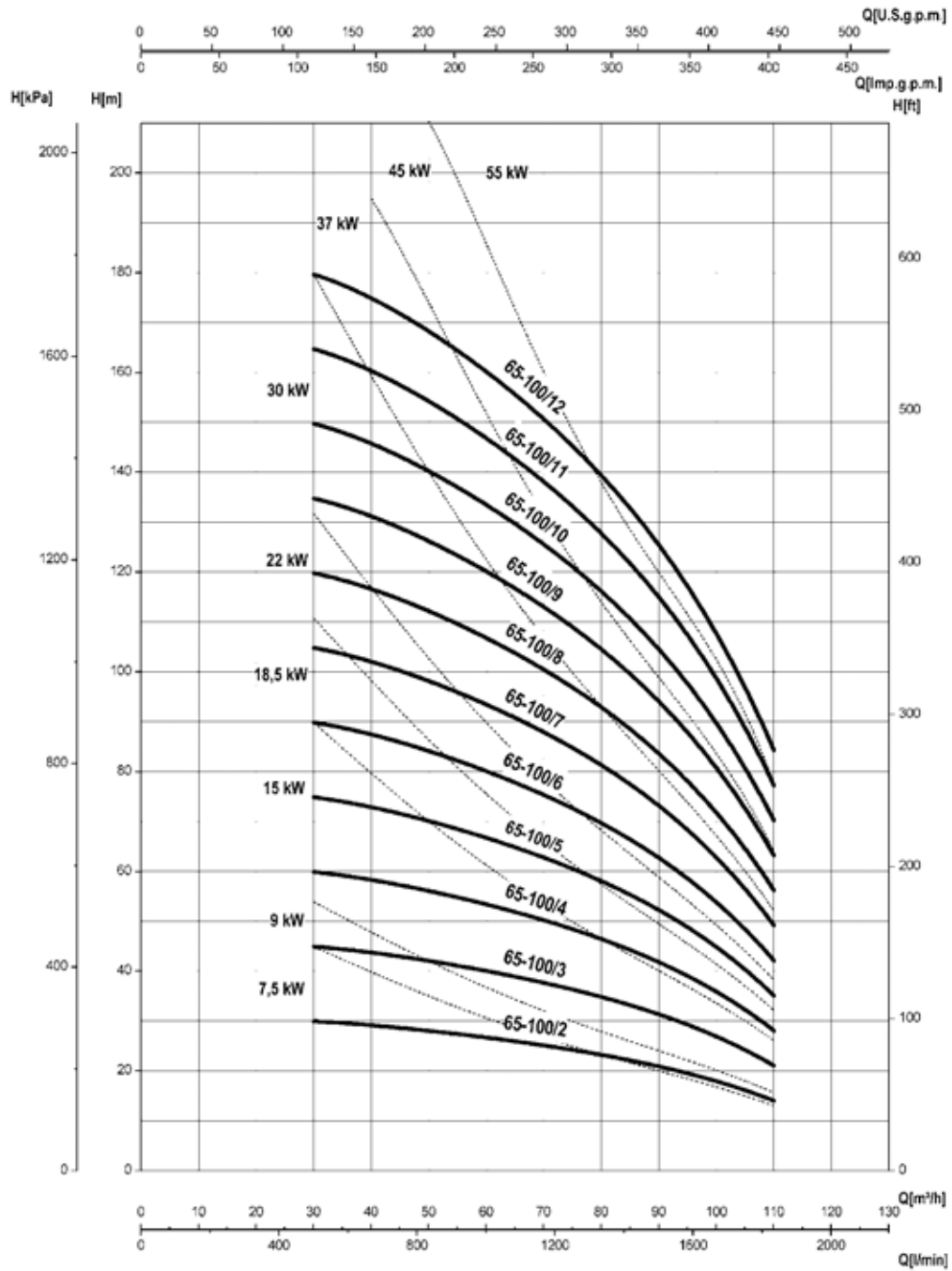


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

65-100

= 1500 RPM



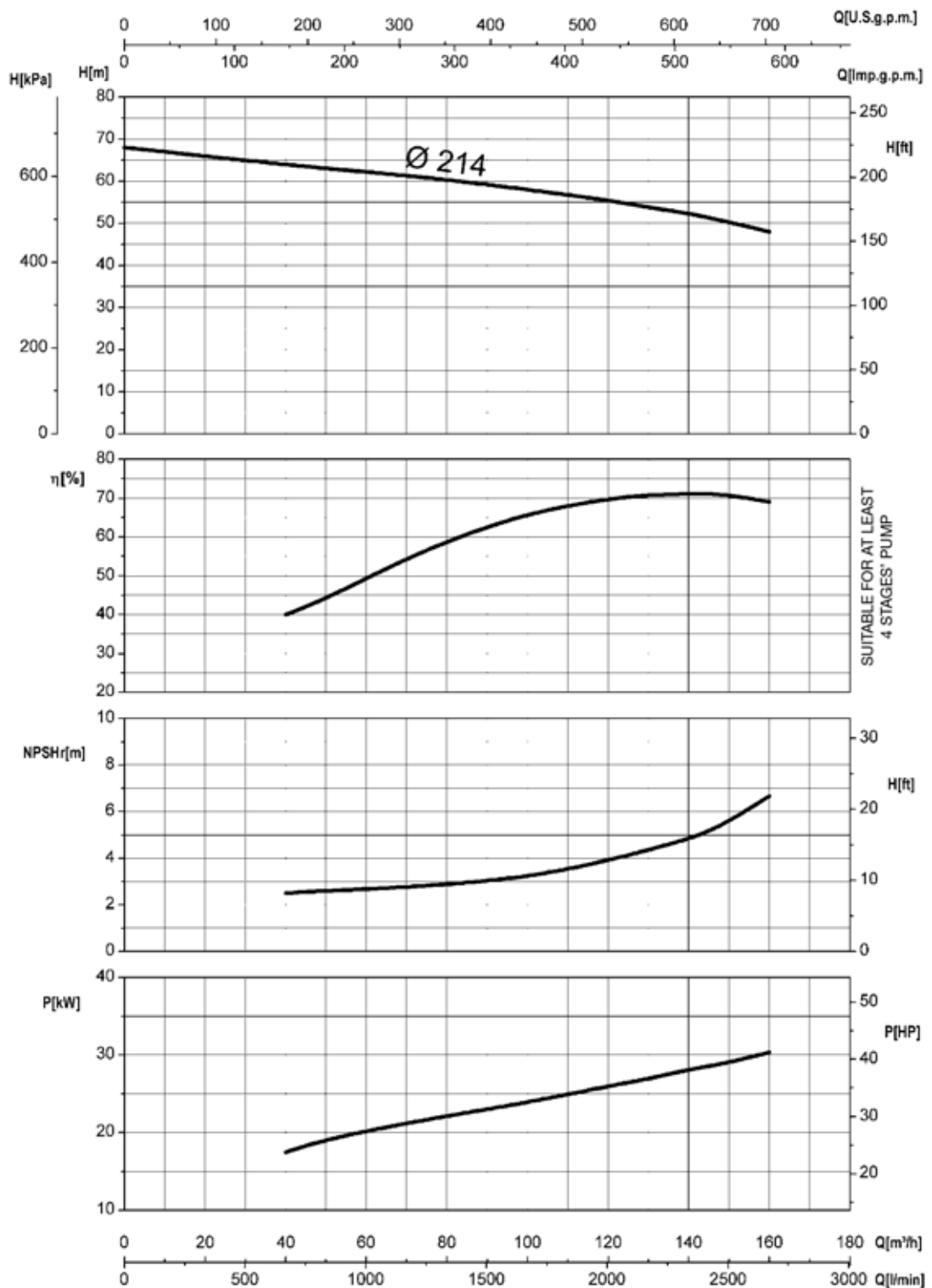
1500 RPM	65-100/2	65-100/3	65-100/4	65-100/5	65-100/6	65-100/7	65-100/8	65-100/9	65-100/10	65-100/11	65-100/12
TM	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗
TMB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

65-100

= 3000 RPM

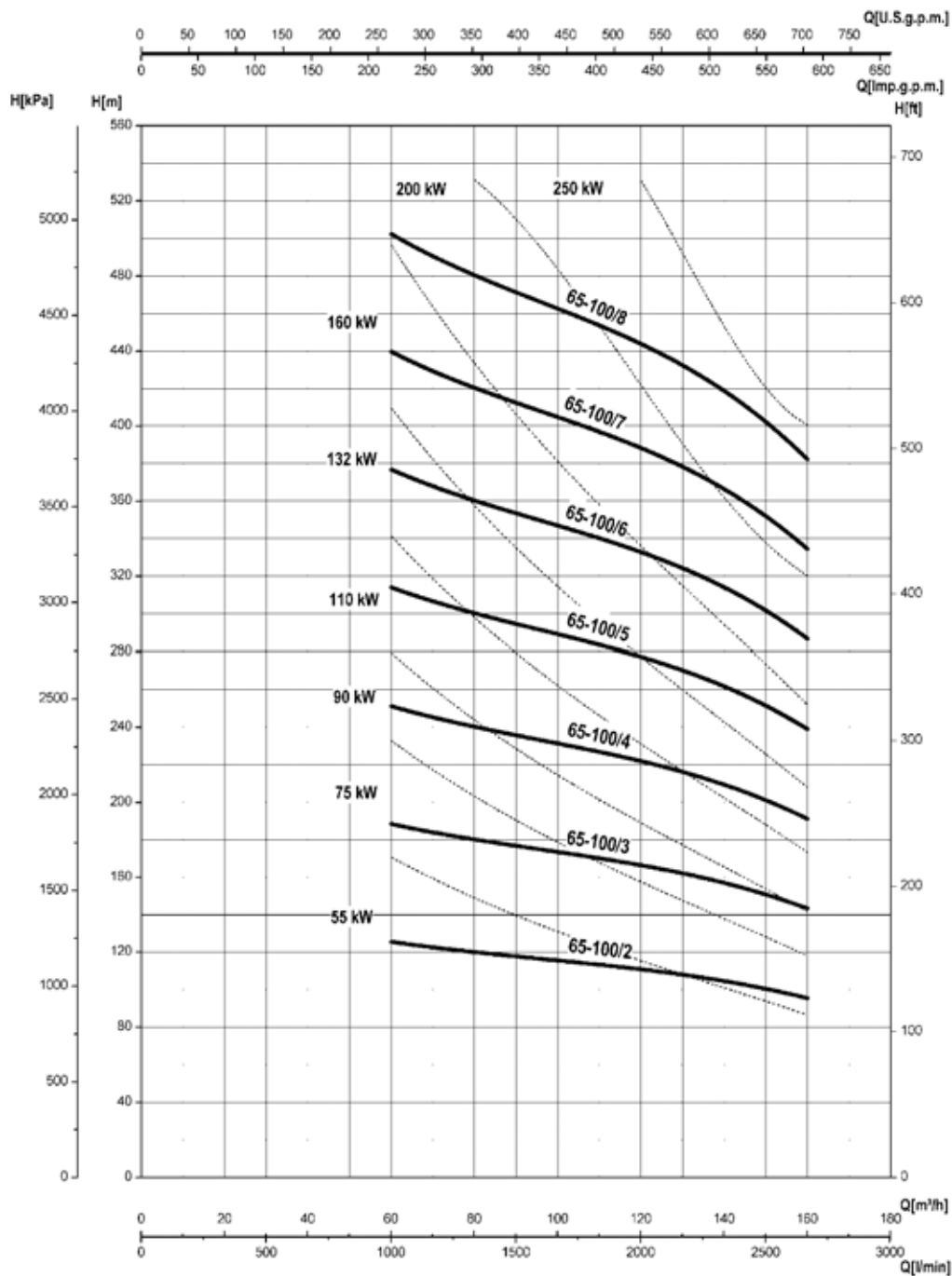


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

65-100

= 3000 RPM



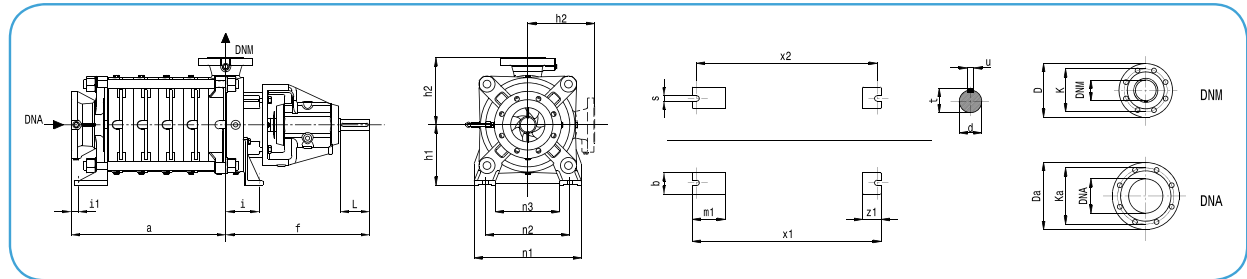
3600 RPM	65-100/2	65-100/3	65-100/4	65-100/5	65-100/6
TM	✓	✓	✓	x	x
TMB	✓	✓	✓	✓	✓
TMV	✓	✓	✓	x	x

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

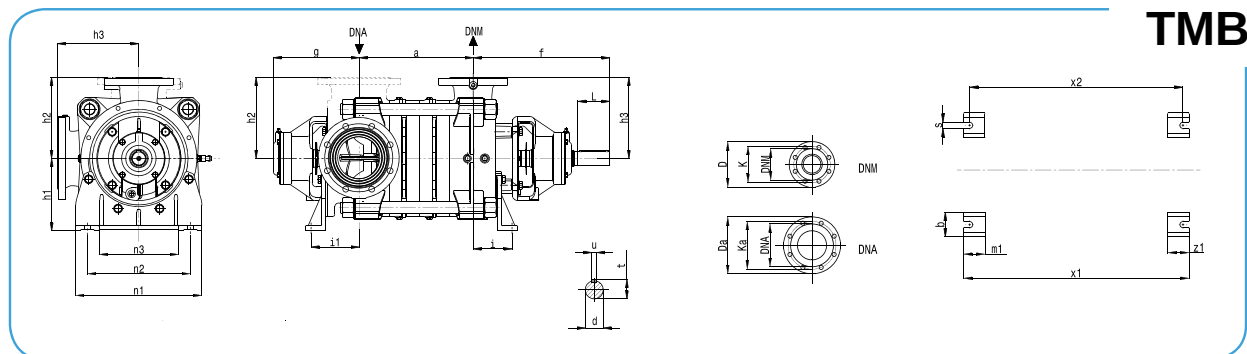
ISO 9006:2012 – Grade 3B. Data referred to standard version

65-100 DIMENSIONS

TM



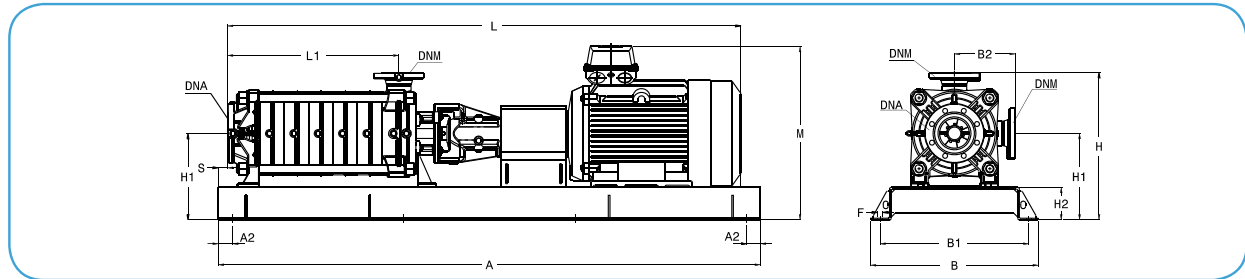
Tipo Type	DNA	DNM	a	f	x1	x2	n1	n2	n3	h1	h2	m1	z1	s	b	i1	i	L	d	t	u
TM65-100/2	100	65	273	487	376	342	324	250	190	200	225	80	70	17	67	54	123	80	38	41,3	10
TM65-100/3	100	65	363	487	466	432	324	250	190	200	225	80	70	17	67	54	123	80	38	41,3	10
TM65-100/4	100	65	453	487	556	522	324	250	190	200	225	80	70	17	67	54	123	80	38	41,3	10
TM65-100/5	100	65	543	487	646	612	324	250	190	200	225	80	70	17	67	54	123	80	38	41,3	10



Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB65-100/2	100	65	228,5	263,5	395	519	488	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/3	100	65	318,5	263,5	395	609	578	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/4	100	65	408,5	263,5	395	699	668	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/5	100	65	498,5	263,5	395	789	758	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/6	100	65	588,5	263,5	395	879	848	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/7	100	65	678,5	263,5	395	969	938	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/8	100	65	768,5	263,5	395	1059	1028	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/9	100	65	858,5	263,5	395	1149	1118	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/10	100	65	948,5	263,5	395	1239	1208	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/11	100	65	1038,5	263,5	395	1329	1298	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10
TMB65-100/12	100	65	1128,5	263,5	395	1419	1388	320	250	190	200	225	225	70	70	17	65	136	123	80	38	41,3	10

65-100 DIMENSIONS

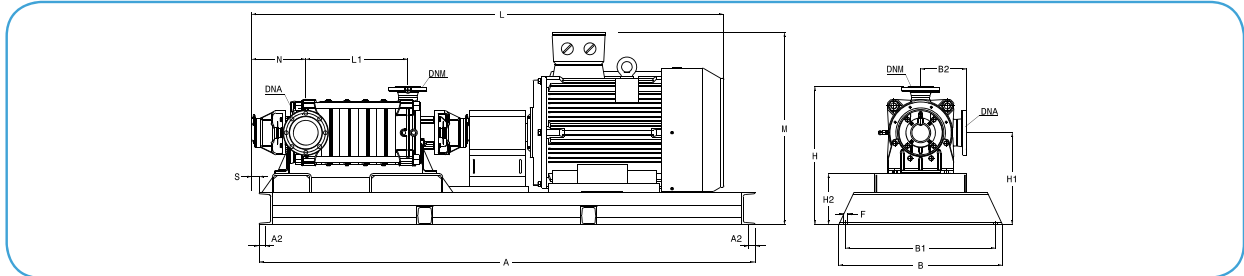
TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P65-100/2	DN100 PN16	DN65 PN40	9	12,5	132M	540	470	225	1279	273	525	525	320	120	1550	50	20	20
	TMZ4P65-100/3			15	20	160L	540	470	225	1514	363	570	545	320	120	1550	50	20	20
	TMZ4P65-100/4			18,5	22	180M	540	470	225	1641	453	620	570	345	145	1800	50	20	20
	TMZ4P65-100/5			22	30	180L	540	470	225	1769	543	620	570	345	145	1800	50	20	20
1800 RPM	6TMZ4P65-100/2	DN100 PN16	DN65 PN40	15	20	160L	540	470	225	1424	273	570	545	320	120	1550	50	20	20
	6TMZ4P65-100/3			22	30	180L	540	470	225	1589	363	620	570	345	145	1550	50	20	20
	6TMZ4P65-100/4			30	40	200L	620	550	225	1722	453	640	545	320	120	1950	50	0	0
	6TMZ4P65-100/5			37	50	225S	620	550	225	1858	453	640	545	320	120	1950	50	0	0
3000 RPM	TMZ2P65-100/2	DN100 PN16	DN65 PN40	75	100	280S	800	730	225	1758	273	865	680	455	255	2100	60	95	20
	TMZ2P65-100/3			90	125	280M	800	730	225	1899	363	865	680	455	255	2100	60	95	20
	TMZ2P65-100/4			132	180	315M	800	730	225	2309	453	950	700	475	275	2450	25	140	22
	TMZ2P65-100/5			160	220	315L	800	730	225	2399	543	950	700	475	275	2450	25	140	22
3600 RPM	6TMZ2P65-100/2	DN100 PN16	DN65 PN40	110	150	315S	800	730	225	1979	273	880	680	455	255	2100	60	95	20
	6TMZ2P65-100/3			160	220	315L	800	730	225	2219	363	950	700	475	275	2200	25	110	22
	6TMZ2P65-100/4			200	270	315L	800	730	225	2309	453	950	700	475	275	2450	25	140	22

65-100 DIMENSIONS

TMBZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	N	S	F
				kW	HP															
1500 RPM	TMBZ4P65-100/2	DN100 PN16	DN65 PN40	9	12,5	132M	540	470	225	1406	228,5	525	525	320	120	1550	50	263	63	20
	TMBZ4P65-100/3			15	20	160L	540	470	225	1641	318,5	570	545	320	120	1550	50	263	63	20
	TMBZ4P65-100/4			18,5	22	180M	540	470	225	1768	408,5	620	570	345	145	1800	50	263	63	20
	TMBZ4P65-100/5			22	30	180L	540	470	225	1896	498,5	620	570	345	145	1800	50	263	63	20
	TMBZ4P65-100/6			30	40	200L	620	550	225	2029	588,5	645	545	320	120	1950	50	263	63	20
	TMBZ4P65-100/7			30	40	200L	620	550	225	2119	678,5	645	545	320	120	1950	50	263	63	20
	TMBZ4P65-100/8			37	50	225S	620	550	225	2255	768,5	670	570	345	145	2200	50	263	63	22
	TMBZ4P65-100/9			37	50	225S	620	550	225	2346	858,5	670	570	345	145	2200	50	263	63	22
	TMBZ4P65-100/10			45	60	225M	660	590	225	2460	948,5	670	570	345	145	2400	50	263	63	22
	TMBZ4P65-100/11			45	60	225M	660	590	225	2550	1038,5	670	570	345	145	2400	50	263	63	22
1800 RPM	TMBZ4P65-100/12			55	75	250M	740	670	225	2719	1128,5	775	615	390	190	2600	60	263	63	22
	6TMBZ4P65-100/2	DN100 PN16	DN65 PN40	15	20	160L	540	470	225	1551	228,5	570	545	320	120	1550	50	263	63	20
	6TMBZ4P65-100/3			22	30	180L	540	470	225	1716	318,5	620	570	345	145	1800	50	263	0	20
	6TMBZ4P65-100/4			30	40	200L	540	470	225	1849	408,5	645	545	320	120	1950	50	263	63	20
	6TMBZ4P65-100/5			37	50	225S	540	470	225	1985	498,5	665	570	345	145	1950	50	263	63	20
	6TMBZ4P65-100/6			45	60	225M	660	590	225	2100	588,5	665	570	345	145	2100	50	263	63	22
	6TMBZ4P65-100/7			55	75	250M	660	590	225	2269	678,5	755	595	370	170	2100	50	263	63	22
	6TMBZ4P65-100/8			55	75	250M	660	590	225	2359	768,5	775	615	390	190	2400	25	263	63	22
	6TMBZ4P65-100/9			75	100	280S	740	670	225	2515	858,5	670	645	420	220	2600	25	263	63	22
	6TMBZ4P65-100/10			75	100	280S	740	670	225	2605	948,5	670	645	420	220	2600	25	263	63	22
	6TMBZ4P65-100/11			75	100	280S	740	670	225	2695	1038,5	670	645	420	220	2600	25	263	63	22
3000 RPM	TMBZ2P65-100/2	DN100 PN16	DN65 PN40	75	100	280S	800	730	225	1885	228,5	900	680	455	255	2100	60	263	30	22
	TMBZ2P65-100/3			90	125	280M	800	730	225	2026	318,5	900	680	455	255	2100	60	263	30	22
	TMBZ2P65-100/4			132	180	315M	800	730	225	2436	408,5	965	700	475	275	2450	25	263	15	22
	TMBZ2P65-100/5			160	220	315L	800	730	225	2526	498,5	965	700	475	275	2450	25	263	15	22
	TMBZ2P65-100/6			200	270	315L	800	730	225	2616	588,5	965	700	475	275	2570	25	263	30	22
	TMBZ2P65-100/7R		DN65 PN63	250	340	355M	940	860	225	2851	678,5	1120	760	535	335	3000	30	263	0	22
	TMBZ2P65-100/8R			250	340	355M	940	860	225	2941	768,5	1120	760	535	335	3000	30	263	0	22
3600 RPM	6TMBZ2P65-100/2	DN100 PN16	DN65 PN40	110	150	315S	800	730	225	2106	228,5	900	680	455	255	2100	60	263	30	22
	6TMBZ2P65-100/3			160	220	315L	800	730	225	2346	318,5	965	700	475	275	2210	25	263	20	22
	6TMBZ2P65-100/4			200	270	315L	800	730	225	2436	408,5	965	700	475	275	2450	25	263	15	22
	6TMBZ2P65-100/5R		DN65 PN63	250	340	355M	940	860	225	2671	498,5	1120	760	535	335	2830	30	263	7	22
	6TMBZ2P65-100/6R			280	380	355M	940	860	225	2761	588,5	1120	760	535	335	2830	30	263	97	22

80-125 HYDRAULIC FEATURES

1500 RPM

50 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	176	220	264	308	352	396	440	484	528	572	638
				m³/h	0	40	50	60	70	80	90	100	110	120	130	145
	kW	HP		l/min	0	667	833	1000	1167	1333	1500	1667	1833	2000	2167	2417
Prevalenza totale in m – Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м																
80-125/2	15	20	H [m]	40	38	37	36	35	33,5	32	30	28	25,5	22,5	17,5	
80-125/3	18,5	25		60	57	55,5	54	52,5	50,5	48	45	42	38	34	26	
80-125/4	30	40		80	76	74,5	72	70	67	64	60,5	56	51	45	35	
80-125/5	37	50		100	95	93	90	87,5	84	80	75,5	70	63,5	56,5	43,5	
80-125/6	37	50		120	114	111,5	108	105	101	96	90,5	84	76	68	52	
80-125/7	45	60		140	133	130	126	122,5	117,5	112	105,5	98	89	79	61	
80-125/8	55	75		160	152	149	144	140	134,5	128	121	112	102	90,5	69,5	
80-125/9	75	100		189	180	176,5	171	166,5	160,5	153	145	135	123,5	111	87,5	
80-125/10	75	100		210	200	196	190	185	178	170	161	150	137	123	97	
NPSHr [m]				-	2,1	2,3	2,6	2,8	3,2	3,6	4,0	4,6	5,3	6,2	8,4	

1800 RPM

60 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	211	264	317	370	422	475	528	581	634	686	766
				m³/h	0	48	60	72	84	96	108	120	132	144	156	174
	kW	HP		l/min	0	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2900
	S.F.1.15		Prevalenza totale in m – Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м													
80-125/2	22	30	H [m]	57,5	54,5	53,5	52	50,5	48	46	43	40,5	36,5	32,5	25	
80-125/3	37	50		86,5	82	80	77,5	75,5	72,5	69	65	60,5	55	48,5	38	
80-125/4	45	60		115	109,5	106,5	103,5	101	96,5	92	86,5	80,5	73,5	65	50,5	
80-125/5	55	75		144	137	133,5	129,5	126	120,5	115,5	108	101	92	81	63	
80-125/6	75	100		173	164	160	155,5	151,	144,5	138,5	129,5	121	110	97	75,5	
80-125/7	75	100		201,5	191,5	186,5	181,5	176,5	168,5	161,5	151	141	128,5	113,5	88	
NPSHr [m]				-	2,1	2,3	2,6	2,9	3,4	3,6	4	5,2	6,6	7,4	8,4	

3000 RPM

50 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	440	528	616	704	792	880	968	1012
				m³/h	0	100	120	140	160	180	200	220	230
	kW	HP		l/min	0	1667	2000	2333	2667	3000	3333	3667	3833
Prevalenza totale in m – Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м													
80-125/2	110	150	H [m]	161	152	150	144	138	130	120	110	95	
80-125/3	160	220		242	228	225	216	207	197,5	187,5	175,5	168	
80-125/4	200	270		322,5	304	300	288	276	263,5	250	234		
80-125/5	250	340		403,5	380	375	360	345	329	312,5	292,5		
80-125/6R	315	430		484	456	450	432	414	395	375	351	336	
80-125/7R	400	540		564,5	532	525	504	483	464	437,5	409,5	392	
NPSHr [m]				-	3,3	3,7	4,1	4,3	4,9	5,8	6,6	7,2	

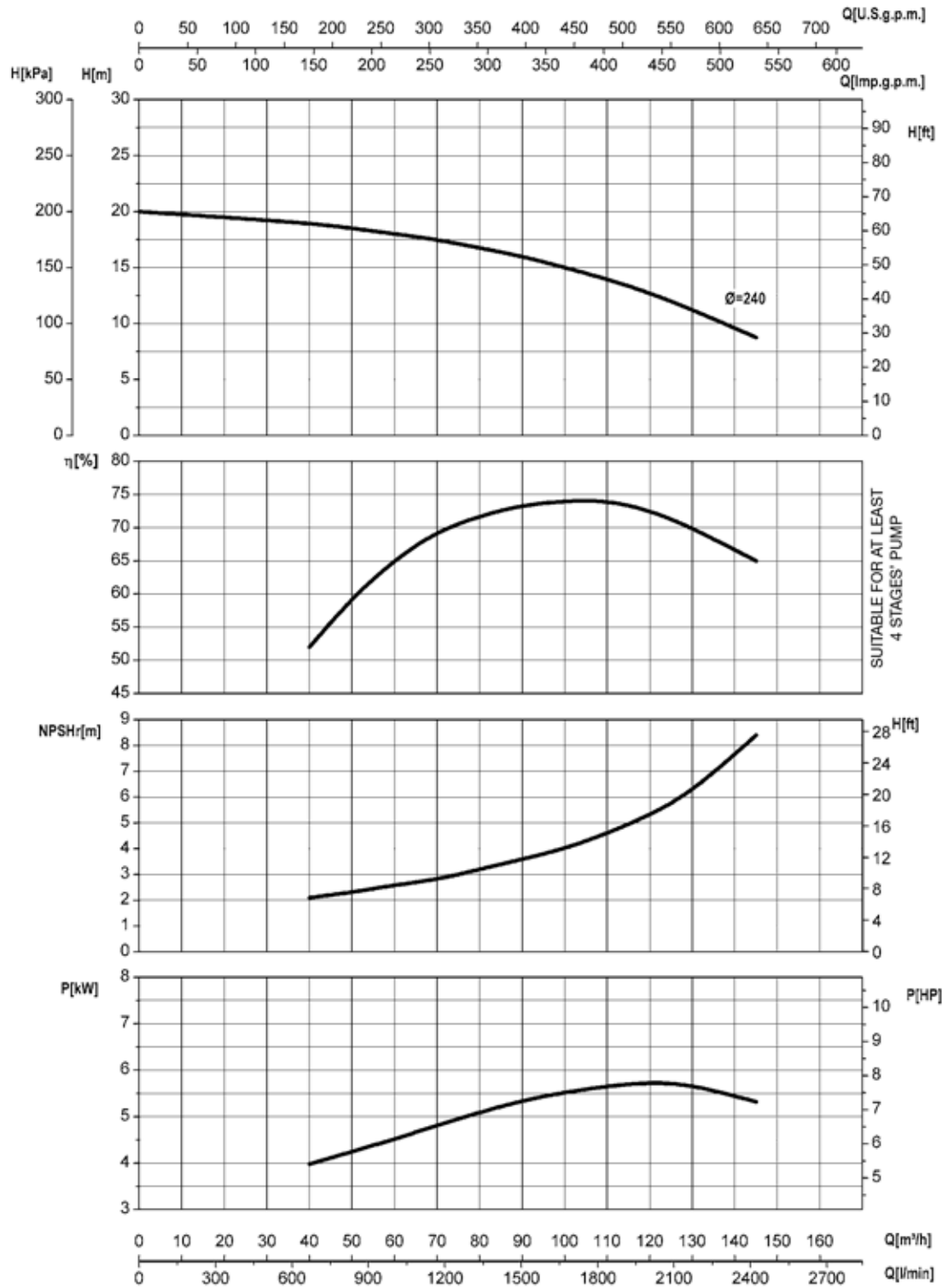
3600 RPM

60 Hz

Tipo Type	Motore Motor		Q	U.S.g.p.m.	0	528	634	740	845	950	1056	1162	1214
				m³/h	0	120	144	168	192	216	240	264	276
	kW	HP		l/min	0	2000	2400	2800	3200	3600	4000	4400	4600
	S.F.1.15		Prevalenza totale in m – Total head in m - Altura total en m - Hauteur totale en m - Gesamtförderhöhe in m - Общая высота напора в м										
80-125/2	160	220	H [m]	232	219	216	207,5	199	187	173	158,5	137	
80-125/3	280	380		348,5	328,5	324	311	298	284,5	270	253	242	
80-125/4R	355	510		464,5	438	432	414,5	397,5	379	360	337	322,5	
80-125/5R	450	610		580,5	547	540	518,5	497	474	450	421	403	
NPSHr [m]				-	3,3	3,7	4,1	4,3	4,9	5,8	6,6	7,2	

80-125

= 1500 RPM

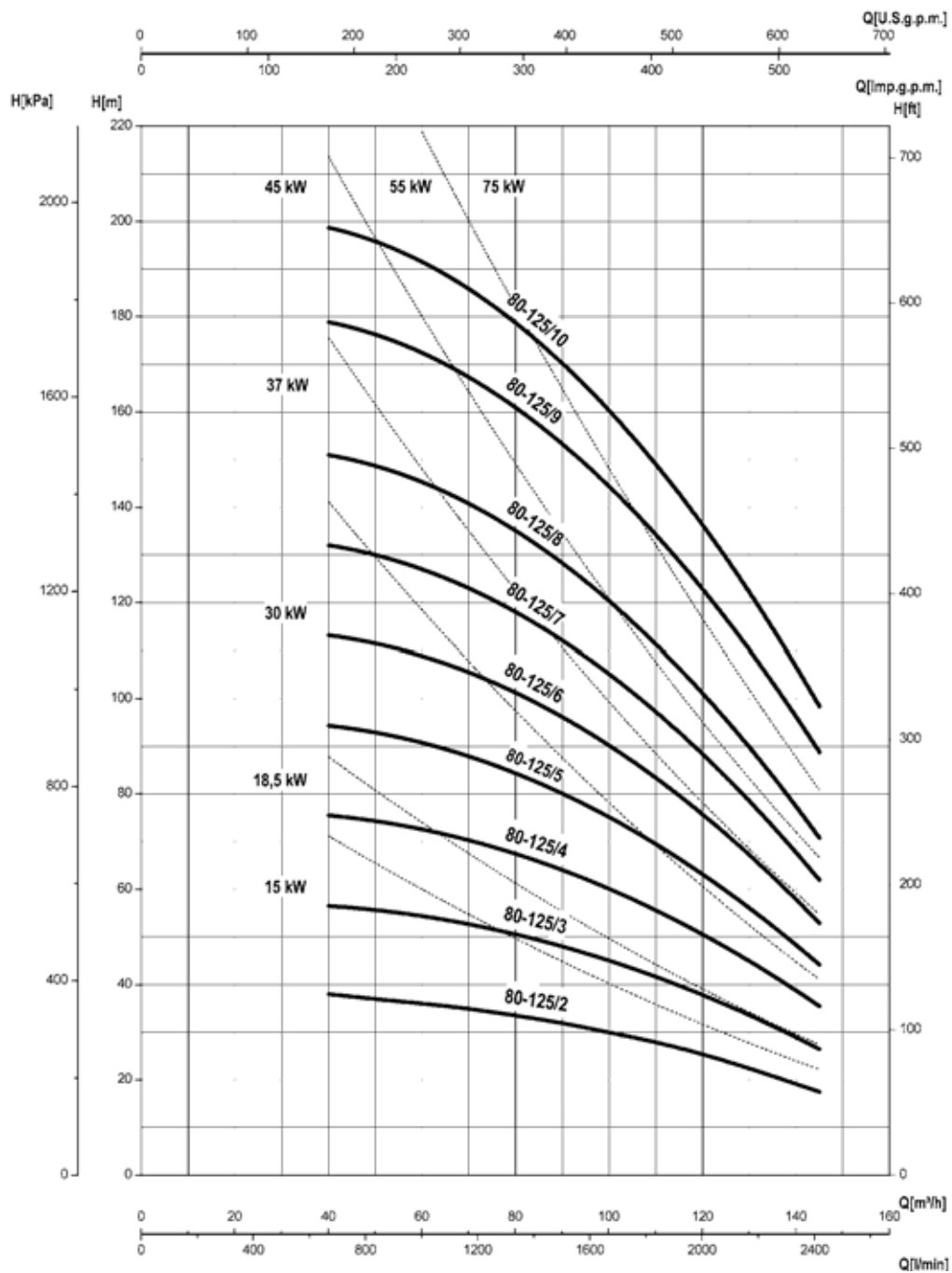


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

80-125

= 1500 RPM



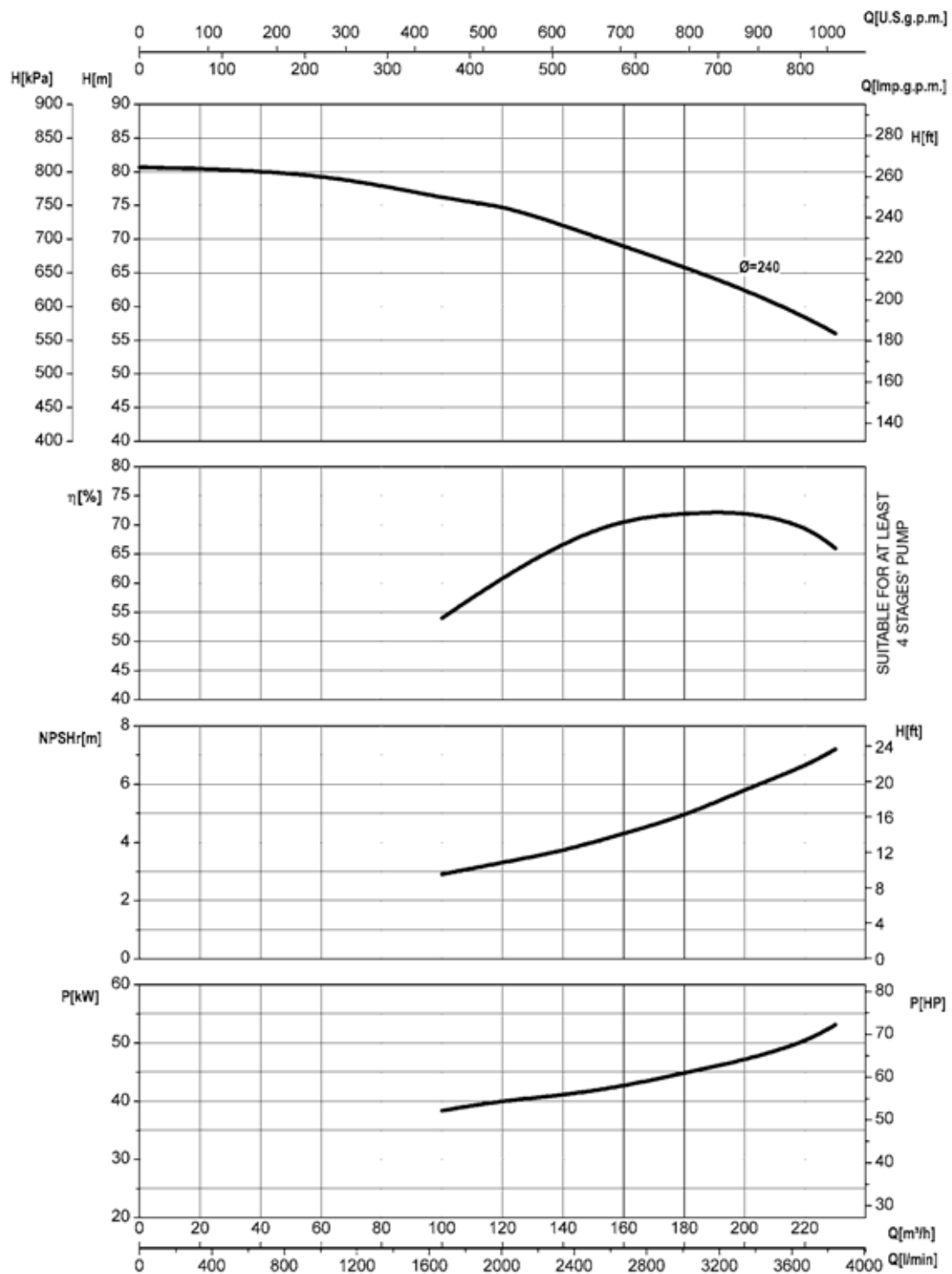
1500 RPM	80-125/2	80-125/3	80-125/4	80-125/5	80-125/6	80-125/7	80-125/8	80-125/9	80-125/10
TM - TMS	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMB	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✓	✓	✓	✓	✓

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

80-125

= 3000 RPM

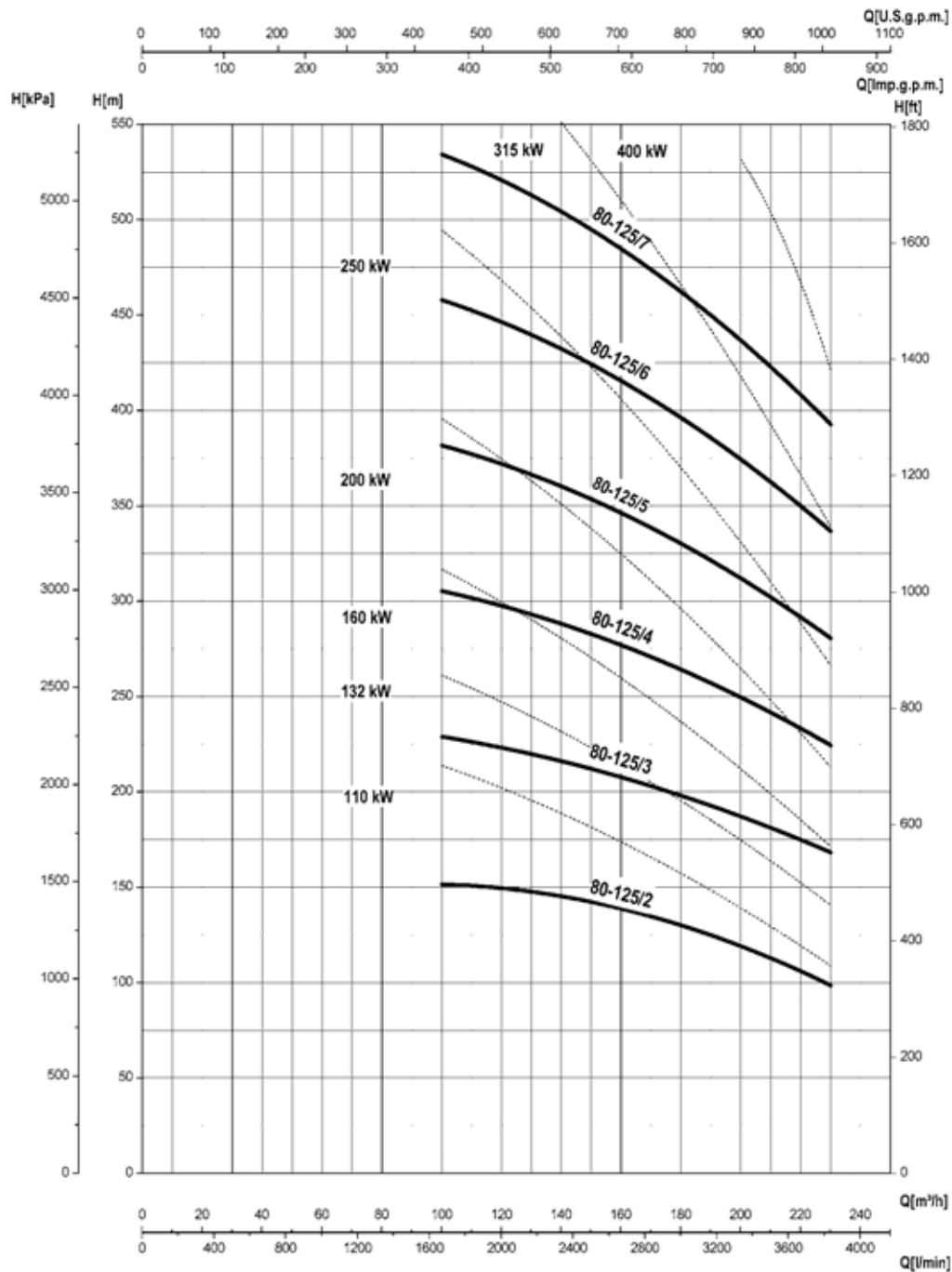


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

80-125

= 3000 RPM

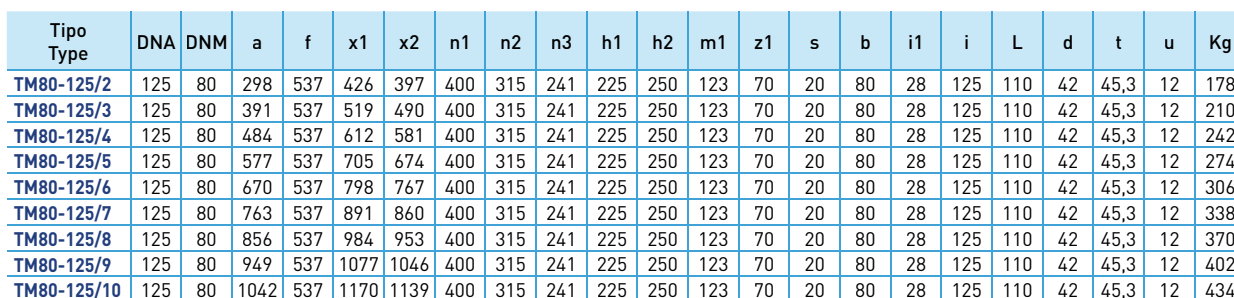


3000 RPM	80-125/2	80-125/3	80-125/4	80-125/5	80-125/6	80-125/7
TM - TMS	✓	✓	✓	✓	✗	✗
TMB	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✗	✗

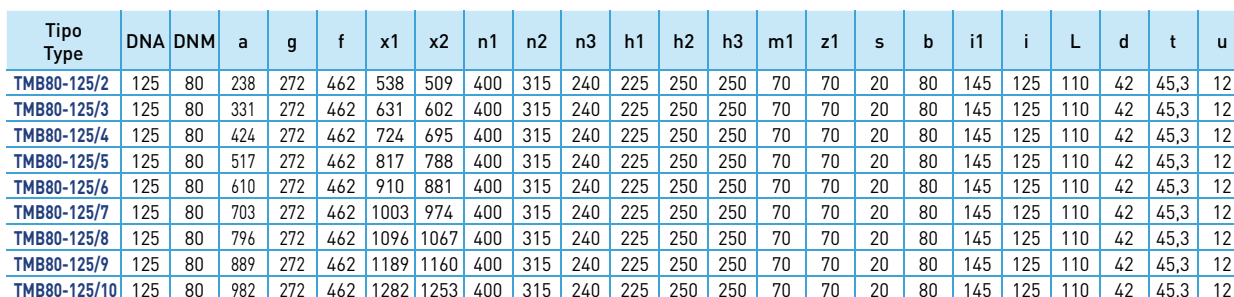
The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

TM

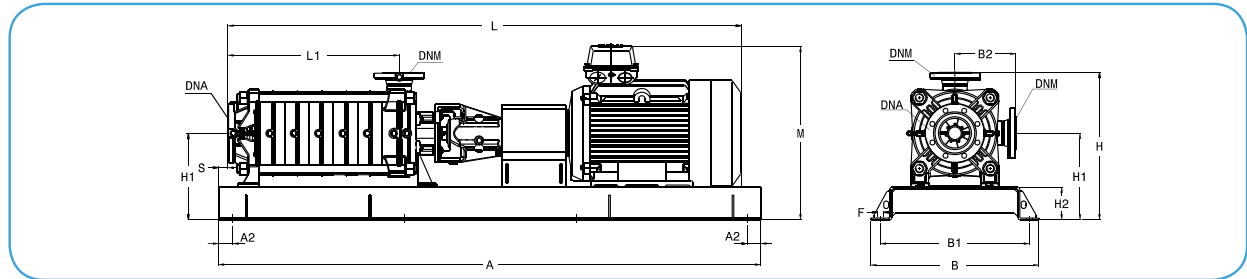


TMB



80-125 DIMENSIONS

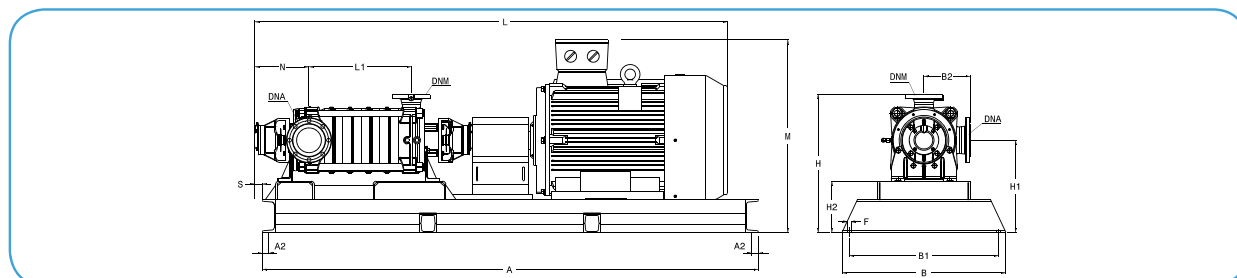
TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P80-125/2	DN125 PN16	DN80 PN40	15	20	160L	620	550	250	1499	298	590	595	345	120	1550	50	10	20
	TMZ4P80-125/3			18,5	25	180M	620	550	250	1629	391	615	595	345	120	1550	50	10	20
	TMZ4P80-125/4			30	40	200L	620	550	250	1803	484	665	620	370	145	1800	50	10	20
	TMZ4P80-125/5			37	50	225S	680	610	250	1942	577	710	615	365	140	2000	50	10	20
	TMZ4P80-125/6			37	50	225S	680	610	250	2035	670	710	615	365	140	2000	50	10	20
	TMZ4P80-125/7			45	60	225M	680	610	250	2153	763	710	615	365	140	2150	50	10	20
	TMZ4P80-125/8			55	75	250M	740	670	250	2325	856	775	640	390	165	2280	50	10	20
	TMZ4P80-125/9			75	100	280S	740	670	250	2484	949	860	670	420	195	2600	50	75	20
	TMZ4P80-125/10			75	100	280S	740	670	250	2577	1042	860	670	420	195	2600	50	75	20
1800 RPM	6TMZ4P80-125/2	DN125 PN16	DN80 PN40	22	30	180L	620	550	250	1574	298	570	545	320	120	1550	50	10	20
	6TMZ4P80-125/3			37	50	225S	620	550	250	1756	391	690	595	345	120	1800	50	10	20
	6TMZ4P80-125/4			45	60	225M	620	550	225	1874	484	690	595	345	120	1900	50	10	20
	6TMZ4P80-125/5			55	75	250M	680	610	250	2046	577	775	640	390	140	2000	50	10	20
	6TMZ4P80-125/6			75	100	280S	740	670	250	2205	670	860	670	420	195	2280	50	10	22
	6TMZ4P80-125/7			75	100	280S	740	670	250	2298	763	860	670	420	195	2350	50	10	22
3000 RPM	TMZ2P80-125/2	DN125 PN16	DN80 PN40	110	150	315S	800	730	250	2084	298	985	725	475	250	2100	25	70	22
	TMZ2P80-125/3			160	220	315L	800	730	250	2297	391	985	725	475	250	2450	25	140	22
	TMZ2P80-125/4			200	270	315L	800	730	250	2390	484	985	725	475	250	2450	25	140	22
	TMZ2P80-125/5			250	340	355M	800	730	250	2628	577	1120	785	535	310	2830	30	140	22
3600 RPM	6TMZ2P80-125/2	DN125 PN16	DN80 PN40	160	220	315L	800	730	250	2204	298	985	725	475	250	2100	25	70	22
	6TMZ2P80-125/3			280	380	355M	940	860	250	2442	391	1120	785	535	310	2650	30	170	22

80-125 DIMENSIONS

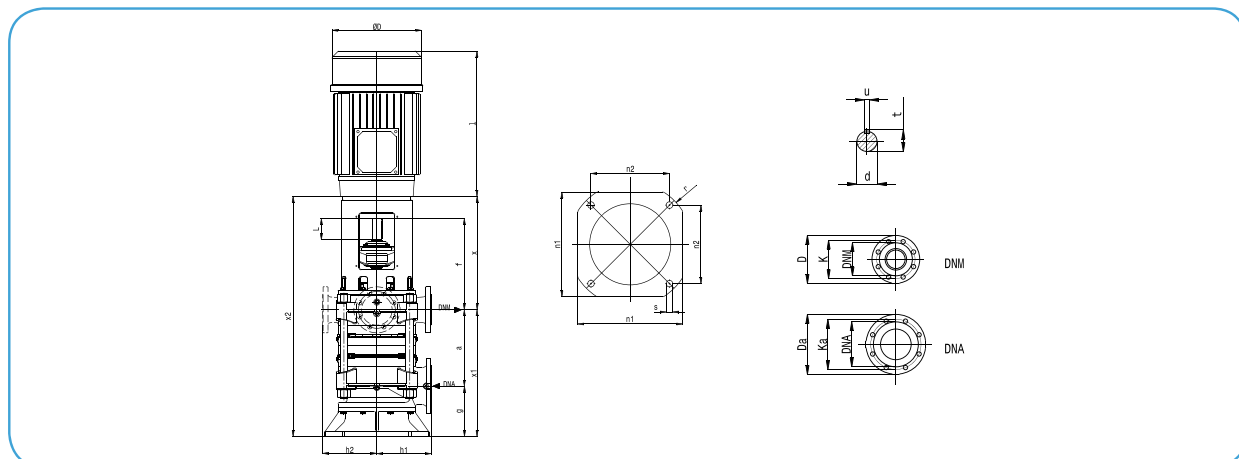
TMBZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A1	A2	N	S	F
				kW	HP																
1500 RPM	TMBZ4P80-125/2	DN125 PN16	DN80 PN40	15	20	160L	620	550	250	1636	238	590	595	345	120	1550	725	50	272	63	20
	TMBZ4P80-125/3			18,5	25	180M	620	550	250	1766	331	620	595	345	120	1700	800	50	272	63	20
	TMBZ4P80-125/4			30	40	200L	620	550	250	1940	424	665	620	370	145	1800	825	50	272	63	20
	TMBZ4P80-125/5			37	50	225S	680	610	250	2079	517	710	615	365	140	2000	950	50	272	63	20
	TMBZ4P80-125/6			37	50	225S	680	610	250	2172	610	710	615	365	140	2150	680	50	272	63	20
	TMBZ4P80-125/7			45	60	225M	740	670	250	2290	703	710	615	365	140	2280	725	50	272	63	20
	TMBZ4P80-125/8			55	75	250M	740	670	250	2462	796	775	640	390	165	2350	750	50	272	63	22
	TMBZ4P80-125/9			75	100	280S	740	670	250	2621	889	885	670	420	195	2600	825	50	272	63	22
	TMBZ4P80-125/10			75	100	280S	740	670	250	2714	982	885	670	420	195	2600	825	50	272	63	22
1800 RPM	6TMBZ4P80-125/2	DN125 PN16	DN80 PN40	22	30	180L	620	550	250	1711	238	570	595	345	120	1700	800	50	272	63	20
	6TMBZ4P80-125/3			37	50	225S	620	550	250	1893	331	670	620	370	145	1800	850	50	272	63	20
	6TMBZ4P80-125/4			45	60	225M	620	550	250	2011	424	690	595	345	120	1900	900	50	272	63	20
	6TMBZ4P80-125/5			55	75	250M	680	610	250	2183	517	775	640	390	165	2150	680	50	272	63	20
	6TMBZ4P80-125/6			75	100	280S	740	670	250	2342	610	885	670	420	195	2280	725	50	272	63	22
	6TMBZ4P80-125/7			75	100	280S	740	670	250	2435	703	885	670	420	195	2350	750	50	272	63	22
3000 RPM	TMBZ2P80-125/2	DN125 PN16	DN80 PN40	110	150	315S	800	730	250	2191	238	985	725	475	250	2100	680	25	272	75	22
	TMBZ2P80-125/3			160	220	315L	800	730	250	2434	331	985	725	475	250	2450	800	25	272	75	22
	TMBZ2P80-125/4			200	270	315L	800	730	250	2527	424	985	725	475	250	2450	800	25	272	75	22
	TMBZ2P80-125/5			250	340	355M	940	860	250	2765	517	1120	785	535	310	2830	920	30	272	60	22
	TMBZ2P80-125/6R		DN80 PN63	315	430	355M	940	860	250	2858	610	1120	785	535	310	2830	920	30	272	60	22
	TMBZ2P80-125/7R			400	540	355L	940	860	250	2951	703	1120	785	535	310	3000	960	30	272	60	22
3600 RPM	6TMBZ2P80-125/2	DN125 PN16	DN80 PN40	160	220	315L	800	730	250	2341	238	985	725	475	250	2100	680	25	272	75	22
	6TMBZ2P80-125/3			280	380	355M	940	860	250	2579	331	1120	785	535	310	2650	860	30	272	60	22
	6TMBZ2P80-125/4R		DN80 PN63	355	510	355L	940	860	250	2672	424	1120	785	535	310	2650	860	30	272	60	22
	6TMBZ2P80-125/5R			450	610	355L	940	860	250	2765	517	1120	785	535	310	2830	920	30	272	60	22

80-125 DIMENSIONS

TMV-TMVZ



	Tipo Type	DNA	DNM	a	f	g	x	x1	x2	n1	n2	h1	h2	r	s	L	d	t	u	MOTOR		l	øD
																				Kw	MEC		
1500 RPM	TMVZ4P80-125/2	DN125 PN16	DN80 PN40	238	462	235	605	473	1078	480	353,5	250	250	275	26	110	42	45,3	12	15	160L	650	313
	TMVZ4P80-125/3			331	462	235	605	566	1171	480	353,5	250	250	275	26	110	42	45,3	12	18,5	180M	687	360
	TMVZ4P80-125/4			424	462	235	605	659	1264	480	353,5	250	250	275	26	110	42	45,3	12	30	200L	768	360
	TMVZ4P80-125/5			517	462	235	605	752	1357	480	353,5	250	250	275	26	110	42	45,3	12	37	225S	814	465
	TMVZ4P80-125/6			610	462	235	605	845	1450	480	353,5	250	250	275	26	110	42	45,3	12	37	225S	814	465
	TMVZ4P80-125/7			703	462	235	605	938	1543	480	353,5	250	250	275	26	110	42	45,3	12	45	225M	839	465
	TMVZ4P80-125/8			796	462	235	605	1031	1636	480	353,5	250	250	275	26	110	42	45,3	12	55	250M	918	506
	TMVZ4P80-125/9			889	462	235	605	1124	1729	480	353,5	250	250	275	26	110	42	45,3	12	75	280S	984	559
1800 RPM	TMVZ4P80-125/10	DN125 PN16	DN80 PN40	982	462	235	605	1217	1822	480	353,5	250	250	275	26	110	42	45,3	12	75	280S	984	559
	6TMVZ4P80-125/2			238	462	235	605	473	1078	480	353,5	250	250	275	26	110	42	45,3	12	22	180L	725	360
	6TMVZ4P80-125/3			331	462	235	605	566	1171	480	353,5	250	250	275	26	110	42	45,3	12	37	225S	814	465
	6TMVZ4P80-125/4			424	462	235	605	659	1264	480	353,5	250	250	275	26	110	42	45,3	12	45	225M	839	465
	6TMVZ4P80-125/5			517	462	235	605	752	1357	480	353,5	250	250	275	26	110	42	45,3	12	55	250M	918	506
	6TMVZ4P80-125/6			610	462	235	605	845	1450	480	353,5	250	250	275	26	110	42	45,3	12	75	280S	984	559
3000 RPM	6TMVZ4P80-125/7			703	462	235	605	938	1543	480	353,5	250	250	275	26	110	42	45,3	12	75	280S	984	559
	TMVZ2P80-125/2	DN125 PN16	DN80 PN40	238	462	235	605	473	1078	480	353,5	250	250	275	26	110	42	45,3	12	110	315S	1205	680
	TMVZ2P80-125/3			331	462	235	605	566	1171	480	353,5	250	250	275	26	110	42	45,3	12	160	315L	1355	680
	TMVZ2P80-125/4			424	462	235	605	659	1264	480	353,5	250	250	275	26	110	42	45,3	12	200	315L	1355	680
3600 RPM	TMVZ2P80-125/5			517	462	235	605	752	1357	480	353,5	250	250	275	26	110	42	45,3	12	250	355M	1500	820
	6TMVZ2P80-125/2	DN125 PN16	DN80 PN40	238	462	235	605	473	1078	480	353,5	250	250	275	26	110	42	45,3	12	160	315L	1355	680
	6TMVZ2P80-125/3			331	462	235	605	566	1171	480	353,5	250	250	275	26	110	42	45,3	12	280	355M	1500	820

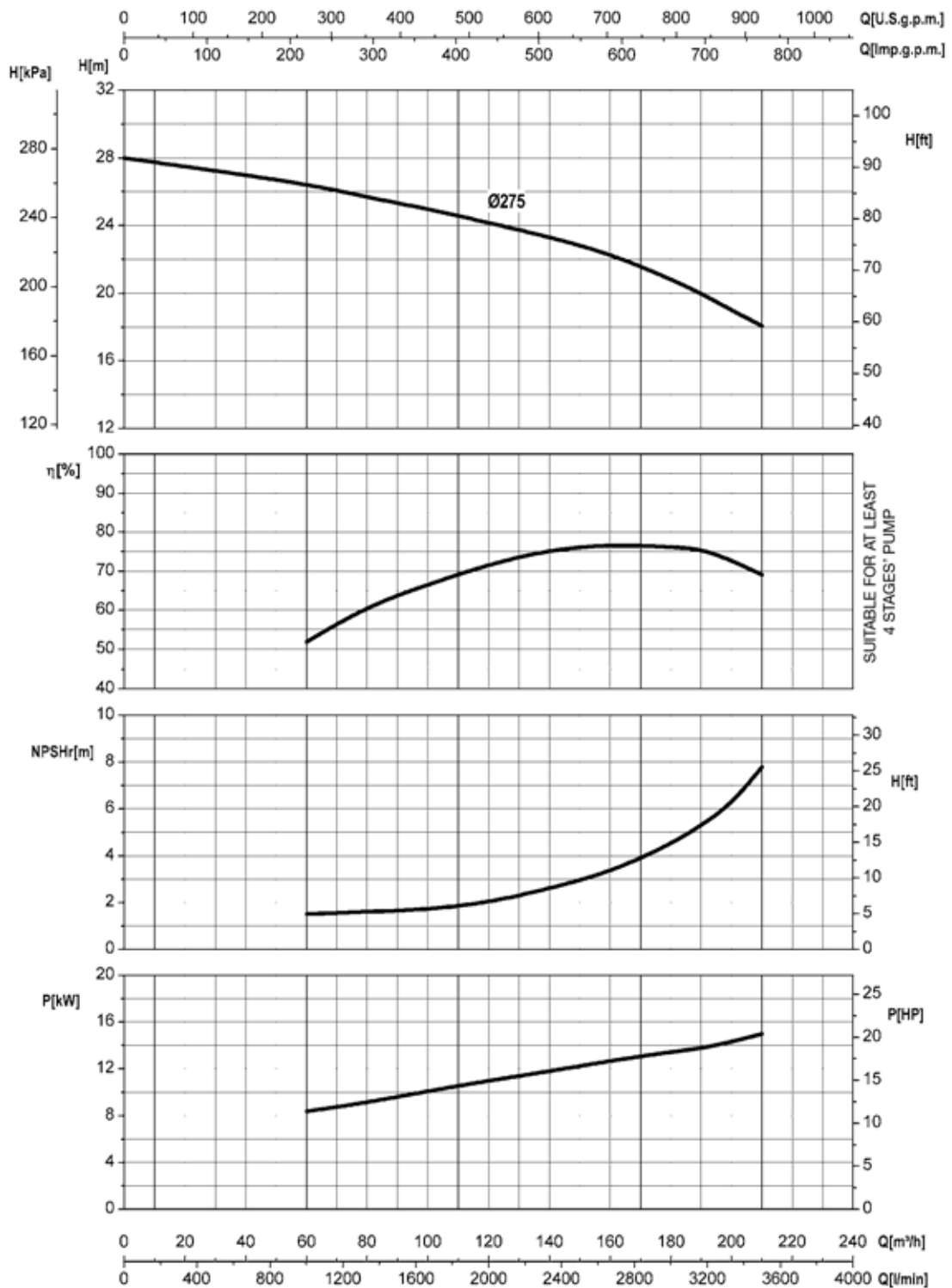
	DA	KA	DNA	FORI-HOLES	
				Ø	N°
DNA PN16	250	210	125	19	8

	D	K	DNM	FORI-HOLES	
				Ø	N°
DNM PN40	160	160	80	19	8

	D	K	DNM	FORI-HOLES	
				Ø	N°
DNM PN63	170	170	80	23	8

100-150

= 1500 RPM

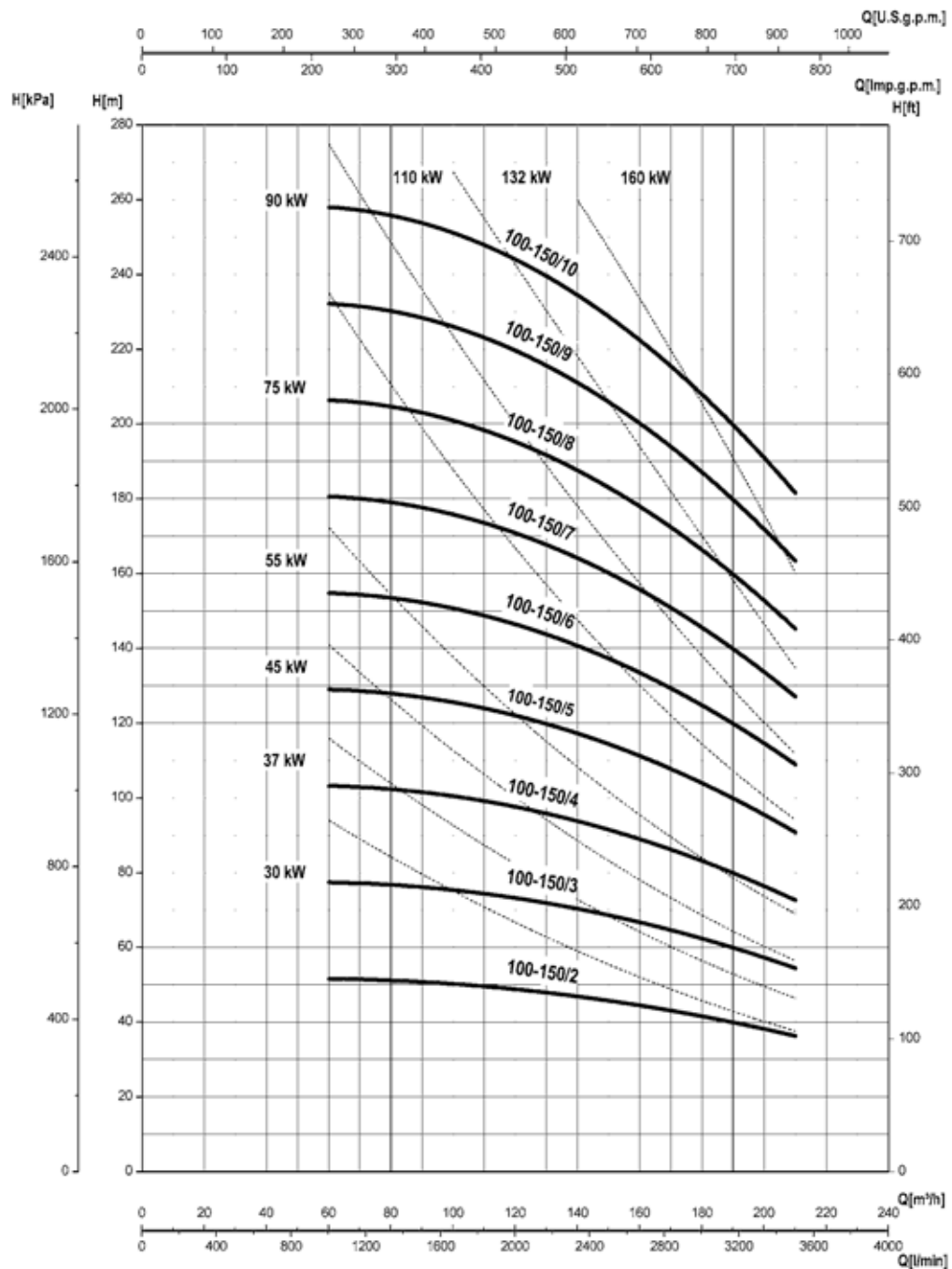


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

100-150

= 1500 RPM



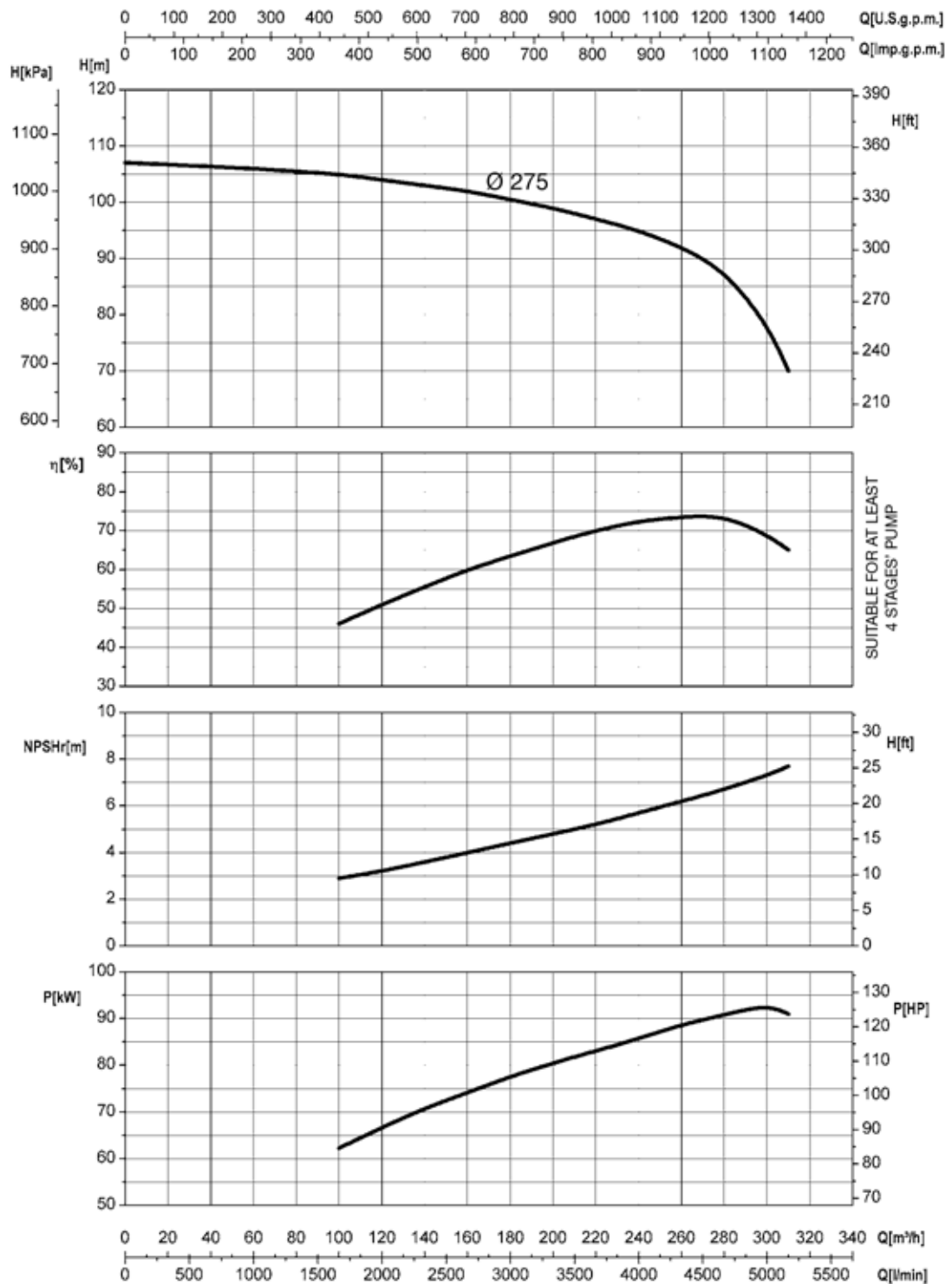
1500 RPM	100-150/2	100-150/3	100-150/4	100-150/5	100-150/6	100-150/7	100-150/8	100-150/9	100-150/10
TM - TMS	✓	✓	✓	✓	✗	✗	✗	✗	✗
TMB	✓	✓	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✓	✓	✗	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

100-150

= 3000 RPM

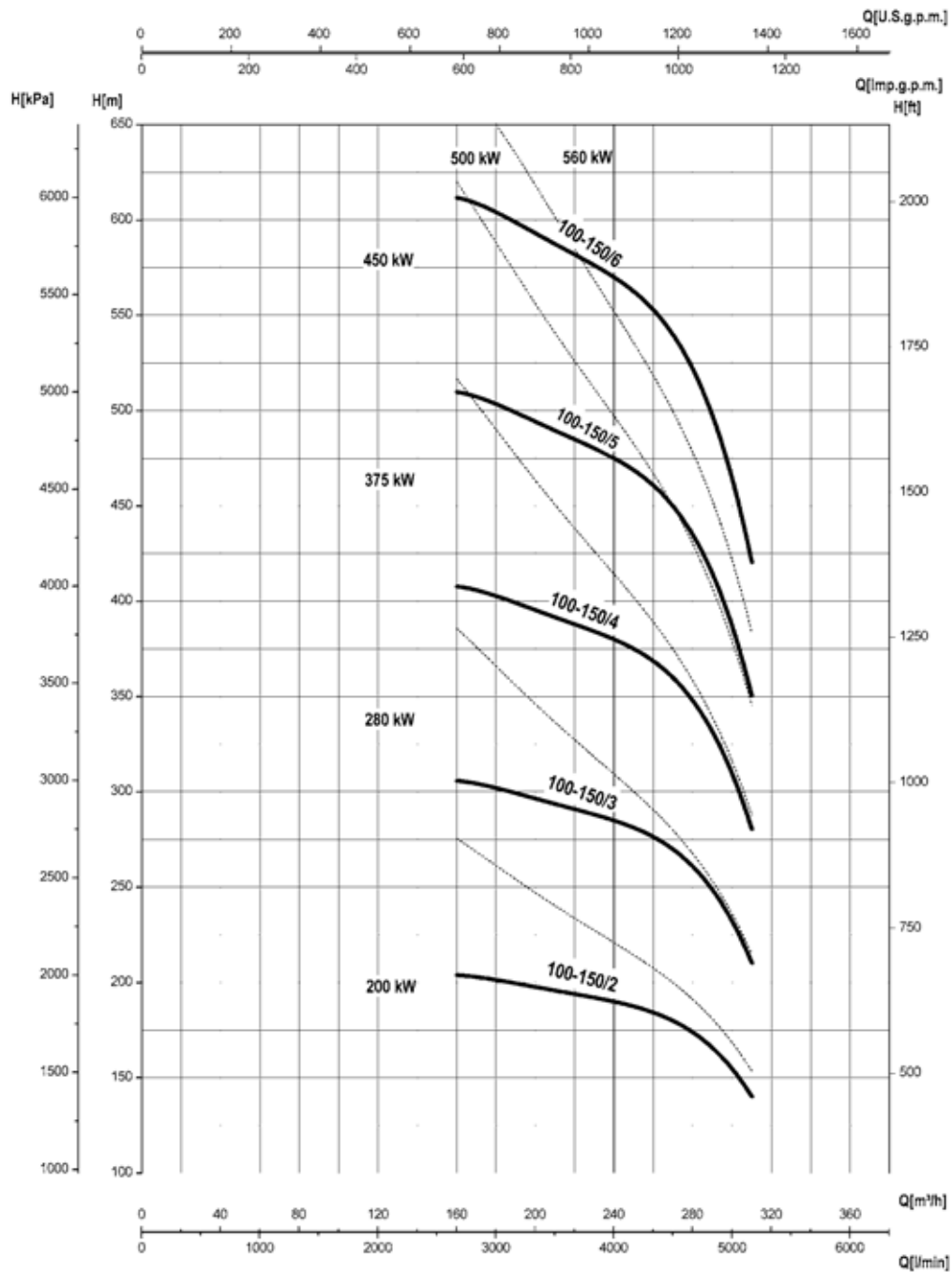


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

100-150

= 3000 RPM



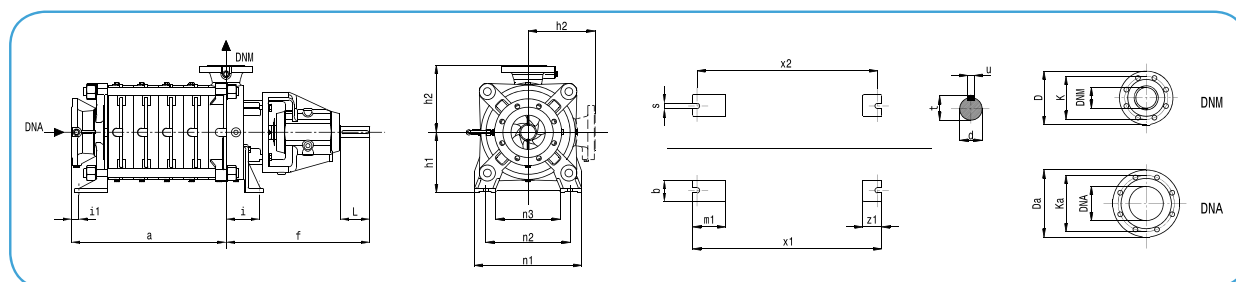
3000 RPM	100-150/2	100-150/3	100-150/4	100-150/5	100-150/6
TM - TMS	✓	✓	✓	✗	✗
TMB	✓	✓	✓	✓	✓
TMV	✓	✗	✗	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

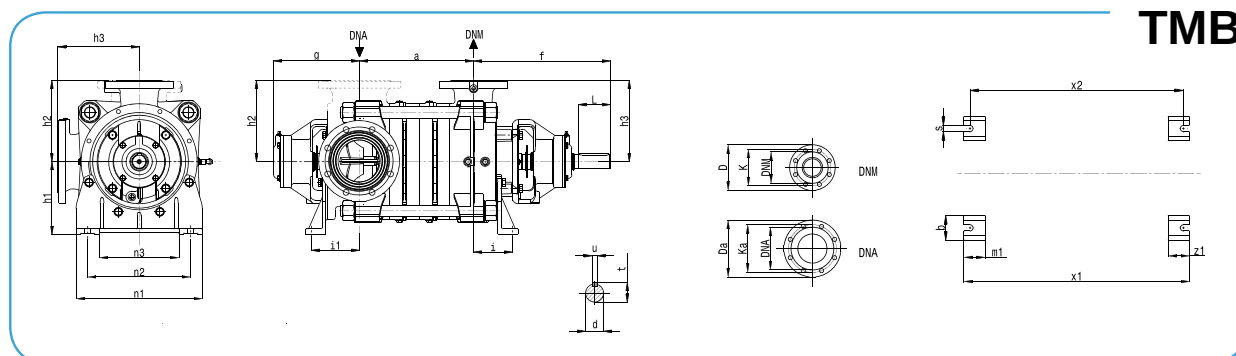
ISO 9006:2012 – Grade 3B. Data referred to standard version

100-150 DIMENSIONS

TM



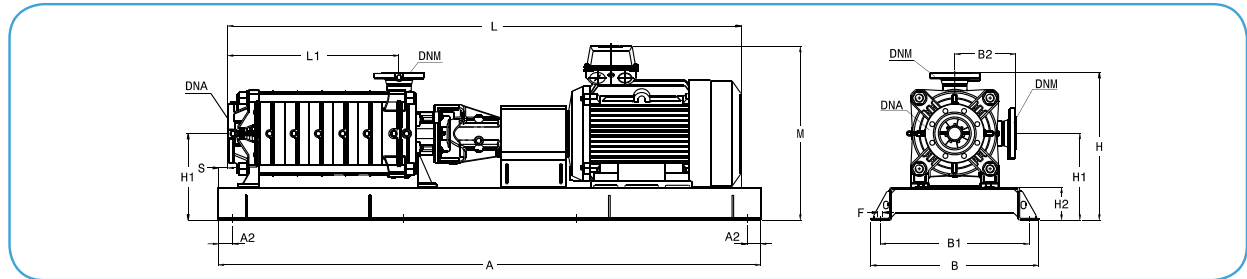
Tipo Type	DNA	DNM	a	f	x1	x2	n1	n2	n3	h1	h2	m1	z1	s	b	i1	i	L	d	t	u
TM100-150/2	150	100	372	540	466	406	435	355	275	250	280	120	70	20	80	100	135	110	48	51,8	14
TM100-150/3	150	100	476	540	570	510	435	355	275	250	280	120	70	20	80	100	135	110	48	51,8	14
TM100-150/4	150	100	580	540	674	614	435	355	275	250	280	120	70	20	80	100	135	110	48	51,8	14
TM100-150/5	150	100	684	540	778	718	435	355	275	250	280	120	70	20	80	100	135	110	48	51,8	14



Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB100-150/2	150	100	289	296	470	629	589	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/3	150	100	393	296	470	733	693	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/4	150	100	497	296	470	837	797	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/5	150	100	601	296	470	941	901	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/6	150	100	705	296	470	1045	1005	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/7	150	100	809	296	470	1149	1109	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/8	150	100	913	296	470	1253	1213	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/9	150	100	1017	296	470	1357	1317	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14
TMB100-150/10	150	100	1121	296	470	1461	1421	435	355	275	250	280	280	70	70	20	80	166	135	110	48	51,8	14

100-150 DIMENSIONS

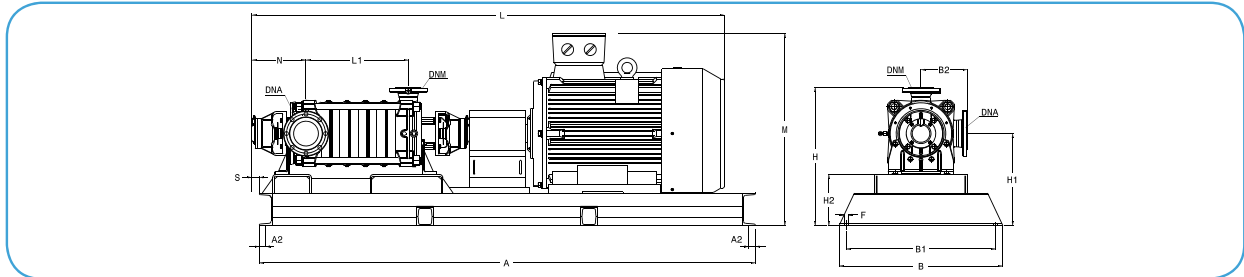
TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P100-150/2	DN150 PN16	DN100 PN40	30	40	200L	620	550	280	1694	372	665	650	370	120	1800	50	115	20
	TMZ4P100-150/3			45	60	225M	620	550	280	1869	476	740	675	395	145	1900	50	80	20
	TMZ4P100-150/4			55	75	250M	680	610	280	2052	580	775	670	390	140	2000	50	0	20
	TMZ4P100-150/5			75	100	280S	740	670	280	2222	684	710	700	420	170	2280	50	0	20
1800 RPM	6TMZ4P100-150/2	DN150 PN16	DN100 PN40	45	60	225M	620	550	280	1765	372	740	675	395	145	1700	50	0	20
	6TMZ4P100-150/3			75	100	280S	740	670	280	2014	476	860	700	420	170	2200	50	95	20
	6TMZ4P100-150/4			90	125	280M	740	670	280	2169	580	860	700	420	170	2200	50	95	20
	6TMZ4P100-150/5			110	150	315S	800	730	280	2473	684	1000	755	474	225	2480	25	60	20
3000 RPM	TMZ2P100-150/2	DN150 PN16	DN100 PN40	200	270	315L	940	860	280	2281	372	1020	775	495	245	2500	30	45	22
	TMZ2P100-150/3			280	380	355M	940	860	280	2530	476	1120	815	535	285	2760	30	135	22
	TMZ2P100-150/4			375	510	355L	940	860	280	2634	580	1120	815	535	285	2760	30	30	22
3600 RPM	6TMZ2P100-150/2	DN150 PN16	DN100 PN40	315	430	355M	940	860	280	2426	372	1120	815	535	285	2500	30	45	22

100-150 DIMENSIONS

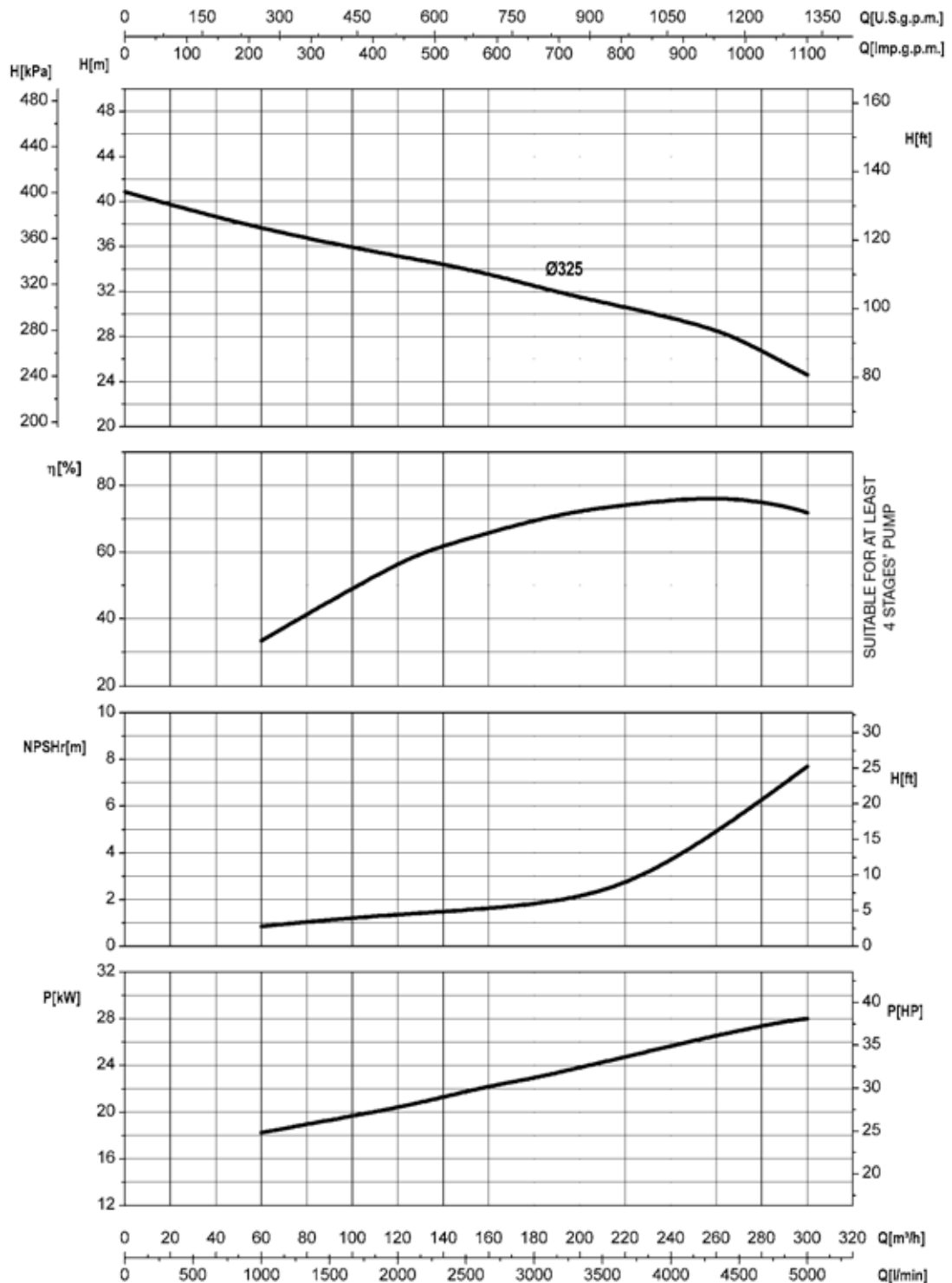
TMBZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	N	S	F
				kW	HP															
1500 RPM	TMBZ4P100-150/2	DN150 PN16	DN100 PN40	30	40	200L	620	550	280	1837	289	665	650	370	120	1800	50	296	30	20
	TMBZ4P100-150/3			45	60	225M	620	550	280	2012	393	720	650	370	120	1900	50	296	63	20
	TMBZ4P100-150/4			55	75	250M	680	610	280	2195	497	775	670	390	140	2150	50	296	0	22
	TMBZ4P100-150/5			75	100	280S	740	670	280	2365	601	860	700	420	170	2350	50	296	100	22
	TMBZ4P100-150/6			90	125	280M	740	670	280	2520	705	860	700	420	170	2350	50	296	63	22
	TMBZ4P100-150/7			110	150	315S	800	730	280	2824	809	1000	755	475	225	2690	25	296	25	22
	TMBZ4P100-150/8			132	180	315M	800	670	280	3048	913	1000	755	475	225	2970	25	296	-80	22
	TMBZ4P100-150/9			132	180	315M	800	670	280	3152	1017	1000	755	475	225	2970	25	296	25	22
	TMBZ4P100-150/10			160	220	315L	940	860	280	3256	1121	1025	775	495	245	3240	30	296	-30	22
1800 RPM	6TMBZ4P100-150/2	DN150 PN16	DN100 PN40	45	60	225M	620	550	280	1908	289	720	650	370	120	1900	50	296	30	20
	6TMBZ4P100-150/3			75	100	280S	740	670	280	2157	393	860	700	420	170	2200	50	296	50	20
	6TMBZ4P100-150/4			90	125	280M	740	670	280	2312	497	860	700	420	170	2200	50	296	50	20
	6TMBZ4P100-150/5			110	150	315S	800	730	280	2616	601	775	755	475	225	2150	50	296	0	22
	6TMBZ4P100-150/6			132	180	315M	800	730	280	2840	705	1000	755	475	225	2690	25	296	-80	22
	6TMBZ4P100-150/7			160	220	316L	800	730	280	2944	809	1000	755	475	225	2690	25	296	25	22
	6TMBZ4P100-150/8			200	270	315L	800	730	280	3048	913	1000	755	475	225	2970	25	296	-80	22
	6TMBZ4P100-150/9			200	270	315L	800	730	280	3152	1017	1000	755	475	225	2970	25	296	25	22
	6TMBZ4P100-150/10			250	340	355M	940	860	280	3471	1121	1145	815	535	285	3240	30	296	-30	22
3000 RPM	TMBZ2P100-150/2	DN150 PN16	DN100 PN40	200	270	315L	940	860	280	2424	289	985	775	495	245	2500	25	296	0	22
	TMBZ2P100-150/3			280	380	355M	940	860	280	2673	393	1120	815	535	285	2760	30	296	-105	22
	TMBZ2P100-150/4			375	510	355L	940	860	280	2777	497	1120	815	535	285	2760	30	296	0	22
	TMBZ2P100-150/5R		DN100 PN63	500	680	355X	940	860	250	3081	601	1140	785	535	310	3070	30	296	-105	22
	TMBZ2P100-150/6R		DN100 PN63	560	760	355X	940	860	250	3185	705	1140	785	535	310	3070	30	296	0	22
3600 RPM	6TMBZ2P100-150/2	DN150 PN16	DN100 PN40	315	430	355M	940	860	280	2569	289	1120	815	535	285	2500	25	296	0	22
	6TMBZ2P100-150/3R		DN100 PN63	450	610	355X	940	860	280	2873	393	1120	815	535	285	2760	30	296	-105	22
	6TMBZ2P100-150/4R		DN100 PN63	630	855	400X	1060	970	280	3117	497	1200	880	600	350	3070	30	296	10	22

125-200

= 1500 RPM

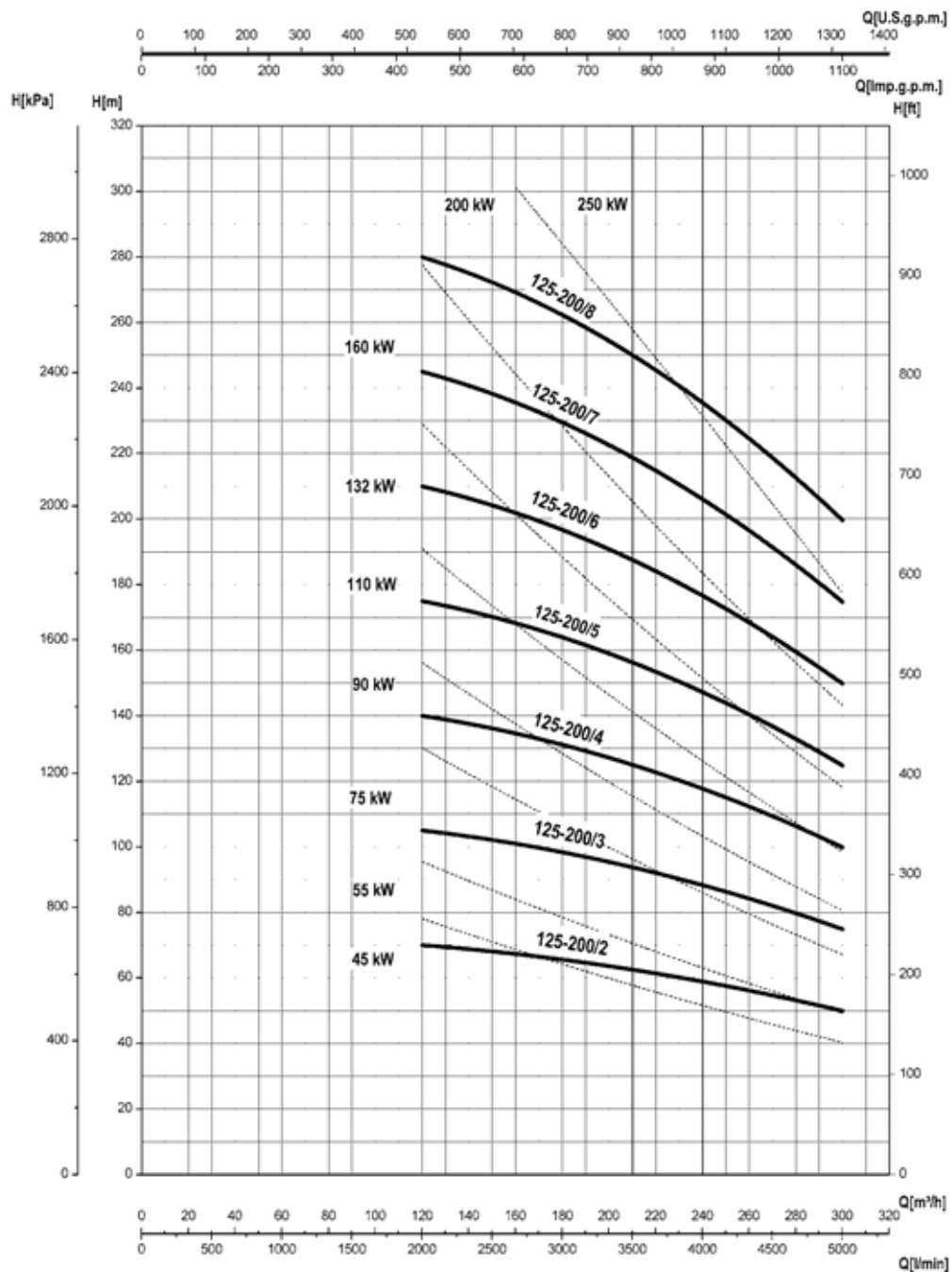


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

125-200

= 1500 RPM

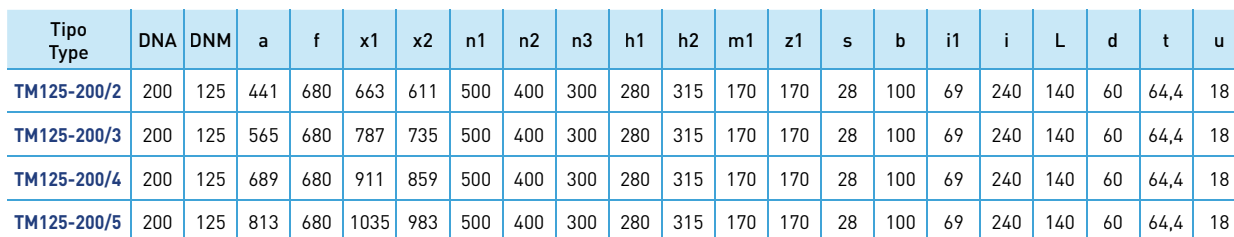


1500 RPM	125-200/2	125-200/3	125-200/4	125-200/5	125-200/6	125-200/7	125-200/8
TM	✓	✓	✓	✓	✗	✗	✗
TMB	✓	✓	✓	✓	✓	✓	✓
TMV	✓	✓	✓	✓	✗	✗	✗

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

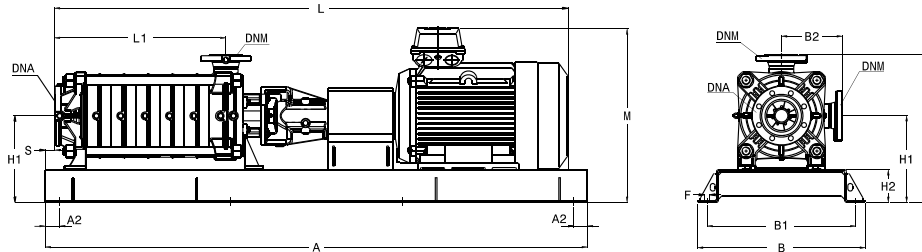
TM



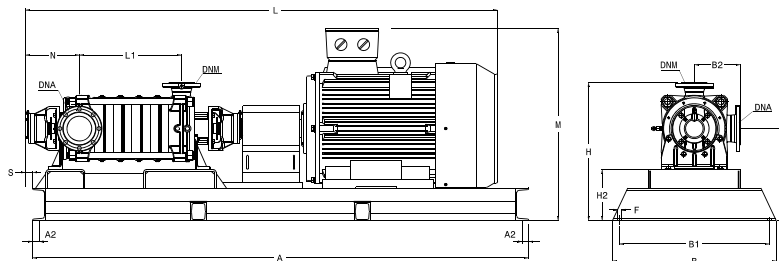
Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB125-200/2	200	125	340	345	555	906	854	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18
TMB125-200/3	200	125	464	345	555	1030	978	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18
TMB125-200/4	200	125	588	345	555	1154	1102	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18
TMB125-200/5	200	125	712	345	555	1278	1226	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18
TMB125-200/6	200	125	836	345	555	1402	1350	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18
TMB125-200/7	200	125	960	345	555	1526	1474	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18
TMB125-200/8	200	125	1084	345	555	1650	1598	500	400	300	280	315	315	170	170	28	100	274	240	140	60	64,4	18

125-200 DIMENSIONS

TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P125-200/2	DN200 PN16	DN125 PN40	55	75	250M	740	670	315	2053	441	800	735	420	140	2200	50	90	22
	TMZ4P125-200/3			90	125	280M	820	750	315	2294	565	860	735	420	140	2400	50	80	22
	TMZ4P125-200/4			110	150	315S	820	740	315	2618	689	1020	810	495	215	2800	30	180	22
	TMZ4P125-200/5			160	220	315L	820	740	315	2892	813	1020	810	495	215	2800	30	180	22
1800 RPM	6TMZ4P125-200/2	DN200 PN16	DN125 PN40	90	125	280M	740	670	315	2170	441	860	735	420	140	2200	50	90	22
	6TMZ4P125-200/3			160	220	315L	840	760	315	2644	565	1020	810	495	215	2590	30	60	22
	6TMZ4P125-200/4			200	270	315L	820	740	315	2768	689	1020	810	495	215	2800	30	180	22

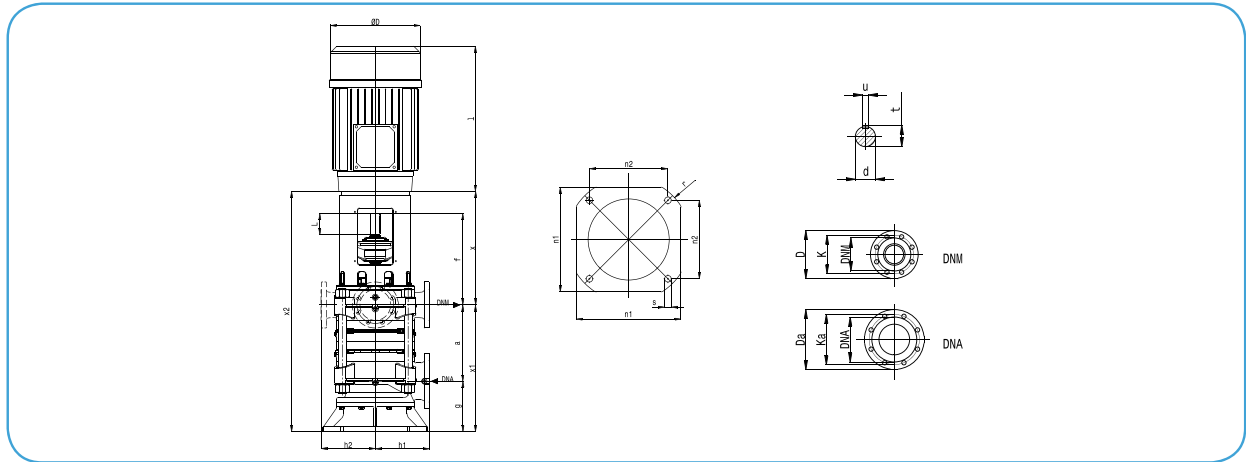


TMBZ

	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A1	A2	N	S	F
				kW	HP																
1500 RPM	TMBZ4P125-200/2	DN200 PN16	DN125 PN40	55	75	250M	740	670	315	2172	340	800	735	420	140	2200	700	50	345	0	22
	TMBZ4P125-200/3			90	125	280M	820	750	315	2413	464	860	735	420	140	2400	765	50	345	0	22
	TMBZ4P125-200/4			110	150	315S	820	740	315	2737	588	1020	810	495	215	2800	910	30	345	80	22
	TMBZ4P125-200/5			160	220	315L	820	740	315	3011	712	1020	810	495	215	2800	910	30	345	80	22
	TMBZ4P125-200/6			200	270	315L	820	740	315	3135	836	1020	810	495	215	3040	990	30	345	80	22
	TMBZ4P125-200/7			200	270	315L	820	740	315	3259	960	1020	810	595	215	3040	990	30	345	80	22
	TMBZ4P125-200/8			250	340	355M	940	860	315	3568	1084	1140	755	475	225	3440	840	30	345	80	22
1800 RPM	6TMBZ4P125-200/2	DN200 PN16	DN125 PN40	90	125	280M	740	670	315	2289	340	860	735	420	140	2200	700	50	345	0	22
	6TMBZ4P125-200/3			160	220	315L	840	760	315	2763	464	1020	810	495	215	2590	840	30	345	0	22
	6TMBZ4P125-200/4			200	270	315L	820	740	315	2887	588	1020	810	495	215	2800	910	30	345	80	22
	6TMBZ4P125-200/5			250	340	355M	940	860	315	3196	712	1140	850	535	255	3190	1040	30	345	80	22
	6TMBZ4P125-200/6			280	380	355M	940	860	315	3320	836	1140	850	535	255	3190	1040	30	345	80	22
	6TMBZ4P125-200/7			280	380	355M	940	860	315	3320	836	1140	850	535	255	3190	1040	30	345	80	22

125-200 DIMENSIONS

TMV-TMVZ



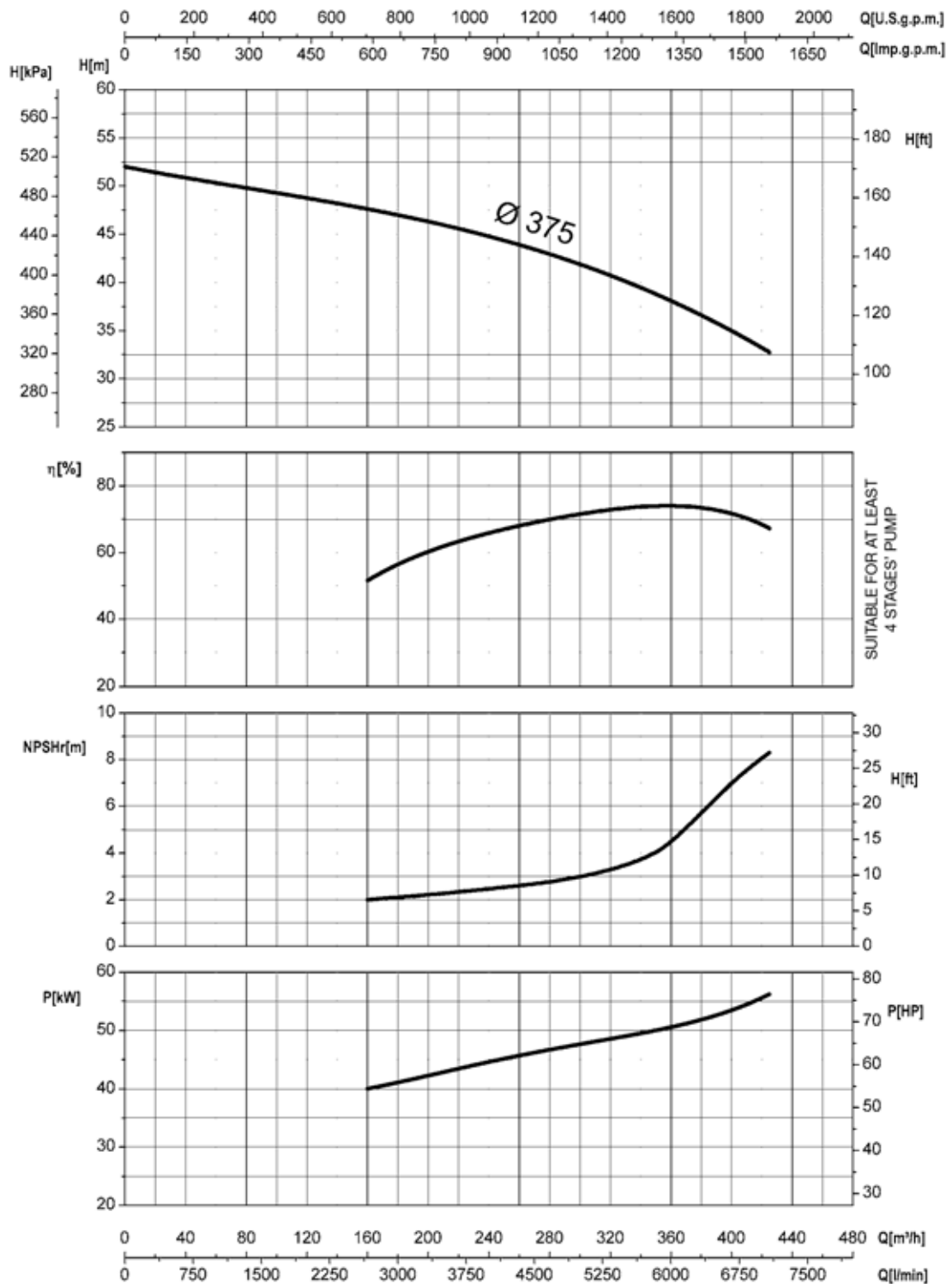
	Tipo Type	DNA	DNM	a	f	g	x	x1	x2	n1	n2	h1	h2	r	s	L	d	t	u	MOTOR Kw	MEC	l	øD
1500 RPM	TMVZ4P125-200/2	DN200 PN16	DN125 PN40	340	555	257	705	597	1302	600	450	315	315	360	33	140	60	64,4	18	55	250M	839	465
	TMVZ4P125-200/3			464	555	257	705	721	1426	600	450	315	315	360	33	140	60	64,4	18	90	280M	1035	559
	TMVZ4P125-200/4			588	555	257	705	845	1550	600	450	315	315	360	33	140	60	64,4	18	110	315S	1235	680
	TMVZ4P125-200/5			712	555	257	705	969	1674	600	450	315	315	360	33	140	60	64,4	18	160	315L	1385	680
1800 RPM	6TMVZ4P125-200/2	DN200 PN16	DN125 PN40	340	555	257	705	597	1302	600	450	315	315	360	33	140	60	64,4	18	90	280M	1035	559
	6TMVZ4P125-200/3			464	555	257	705	721	1426	600	450	315	315	360	33	140	60	64,4	18	160	315L	1385	680
	6TMVZ4P125-200/4			588	555	257	705	845	1550	600	450	315	315	360	33	140	60	64,4	18	200	315L	1385	680

	Da	Ka	DNA	FORI - HOLES	
				Ø	N°
DNA PN16	340	295	200	22	12

	D	K	DNM	FORI - HOLES	
				Ø	N°
DNM PN40	270	220	125	26	8

150-200

= 1500 RPM

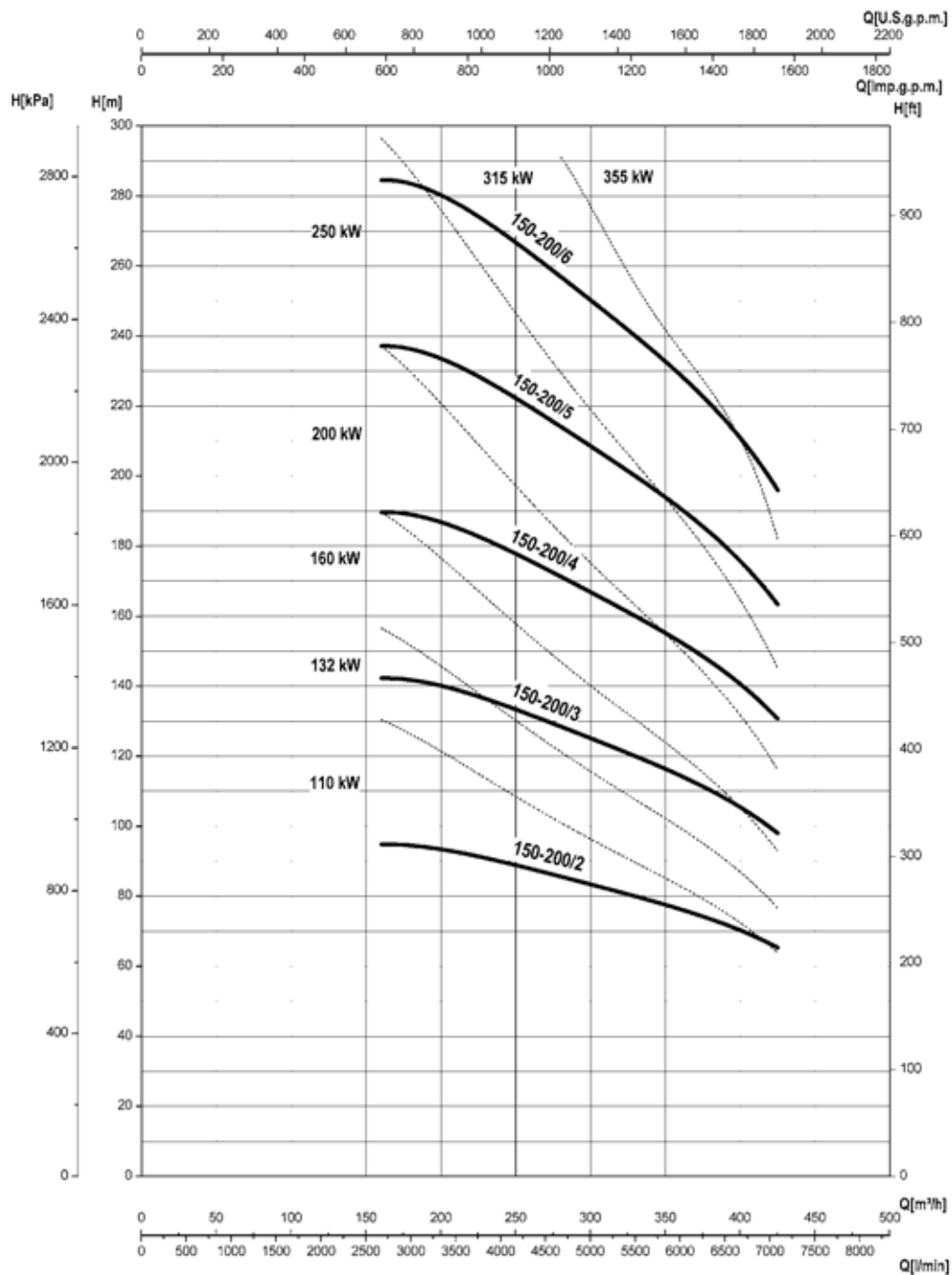


The performance curves are based on the kinematic viscosity values = 1 mm²/s, density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

150-200

= 1500 RPM



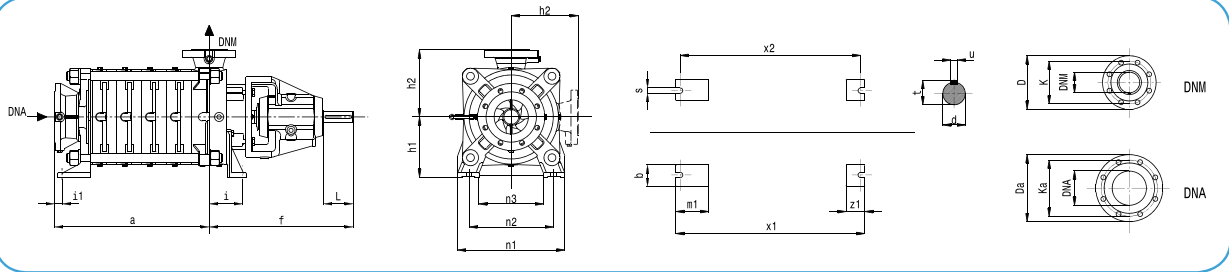
1500 RPM	150-200/2	150-200/3	150-200/4	150-200/5	150-200/6
TM	✓	✓	✓	✗	✗
TMB	✓	✓	✓	✓	✓

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

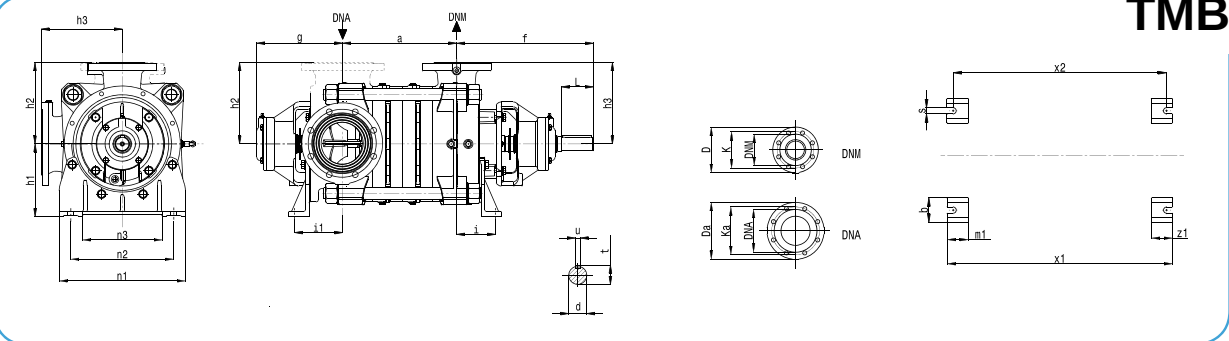
150-200 DIMENSIONS

TM



Tipo Type	DNA	DNM	a	f	x1	x2	n1	n2	n3	h1	h2	m1	z1	s	b	i1	i	L	d	t	u
TM150-200/2	200	150	489	704	669	604	650	500	350	315	355	170	125	30	150	90	205	140	60	64,4	18
TM150-200/3	200	150	623	704	803	738	650	500	350	315	355	170	125	30	150	90	205	140	60	64,4	18
TM150-200/4	200	150	757	704	937	872	650	500	350	315	355	170	125	30	150	90	205	140	60	64,4	18

TMB



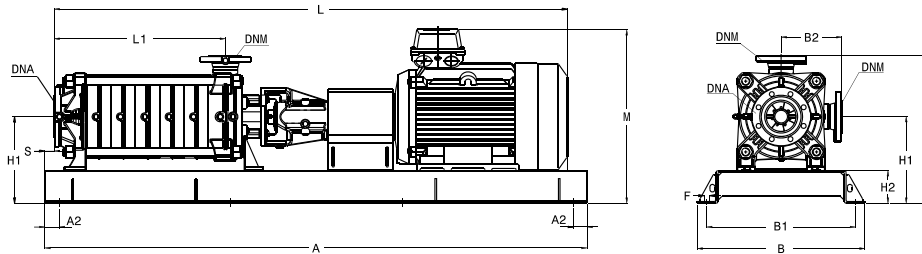
Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB150-200/2	200	150	372	358	575	872	802	650	500	350	315	355	355	125	125	30	150	225	205	140	60	64,4	18
TMB150-200/3	200	150	506	358	575	1006	936	650	500	350	315	355	355	125	125	30	150	225	205	140	60	64,4	18
TMB150-200/4	200	150	640	358	575	1140	1070	650	500	350	315	355	355	125	125	30	150	225	205	140	60	64,4	18
TMB150-200/5	200	150	774	358	575	1274	1204	650	500	350	315	355	355	125	125	30	150	225	205	140	60	64,4	18
TMB150-200/6	200	150	908	358	575	1408	1338	650	500	350	315	355	355	125	125	30	150	225	205	140	60	64,4	18

	Da	Ka	DNA	FORI - HOLES	
				Ø	N°
DNA PN16	340	295	200	22	12

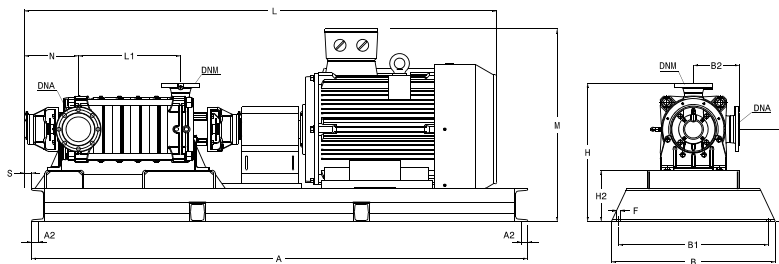
	D	K	DNM	FORI - HOLES	
				Ø	N°
DNM PN40	300	250	150	26	8

150-200 DIMENSIONS

TMZ



	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	S	F
				kW	HP														
1500 RPM	TMZ4P150-200/2	DN200 PN16	DN150 PN40	110	150	315S	840	760	350	2442	489	1020	845	495	180	2590	30	110	22
	TMZ4P150-200/3			160	220	315L	940	860	350	2726	623	1020	845	495	180	2860	30	120	22
	TMZ4P150-200/4			250	340	355M	940	860	350	3045	757	1140	885	535	220	2950	30	120	22
1800 RPM	6TMZ4P150-200/2	DN200 PN16	DN150 PN40	200	270	315L	840	760	350	2592	489	1020	845	495	180	2590	30	110	22
	6TMZ4P150-200/3			315	430	355M	940	860	350	2911	623	1140	885	535	220	2860	30	120	22

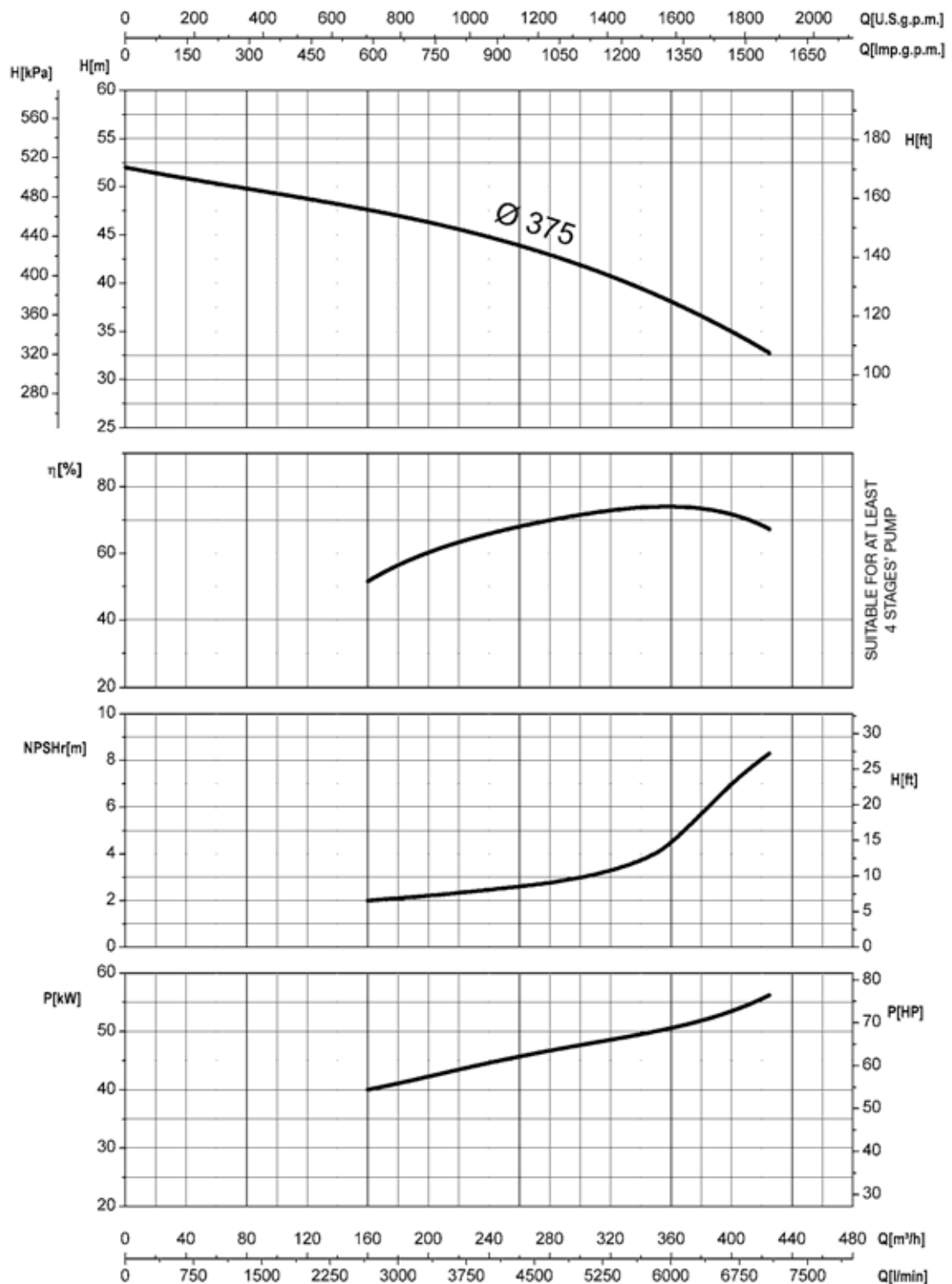


TMBZ

	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	N	S	F
				kW	HP															
1500 RPM	TMBZ4P150-200/2	DN200 PN16	DN150 PN40	110	150	315S	840	760	350	2554	372	860	845	495	180	2590	30	358	0	22
	TMBZ4P150-200/3			160	220	315L	940	860	350	2838	506	1020	845	495	180	2860	30	358	0	22
	TMBZ4P150-200/4			250	340	355M	940	860	350	3157	640	1140	885	535	220	3000	30	358	0	22
	TMBZ4P150-200/5			315	430	355M	940	860	350	3291	774	1150	885	535	220	3240	30	358	0	22
	TMBZ4P150-200/6			355	480	355L	940	860	350	3425	908	1150	885	535	220	3240	30	358	0	22
1800 RPM	6TMBZ4P150-200/2	DN200 PN16	DN150 PN40	200	270	315L	840	760	350	2704	372	860	805	495	180	2590	30	358	0	22
	6TMBZ4P150-200/3			315	430	355M	940	860	350	3023	506	1140	885	535	220	2860	30	358	0	22
	6TMBZ4P150-200/4			400	540	355L	940	860	350	3157	640	1140	885	535	220	3000	30	358	0	22

200-250

= 1500 RPM

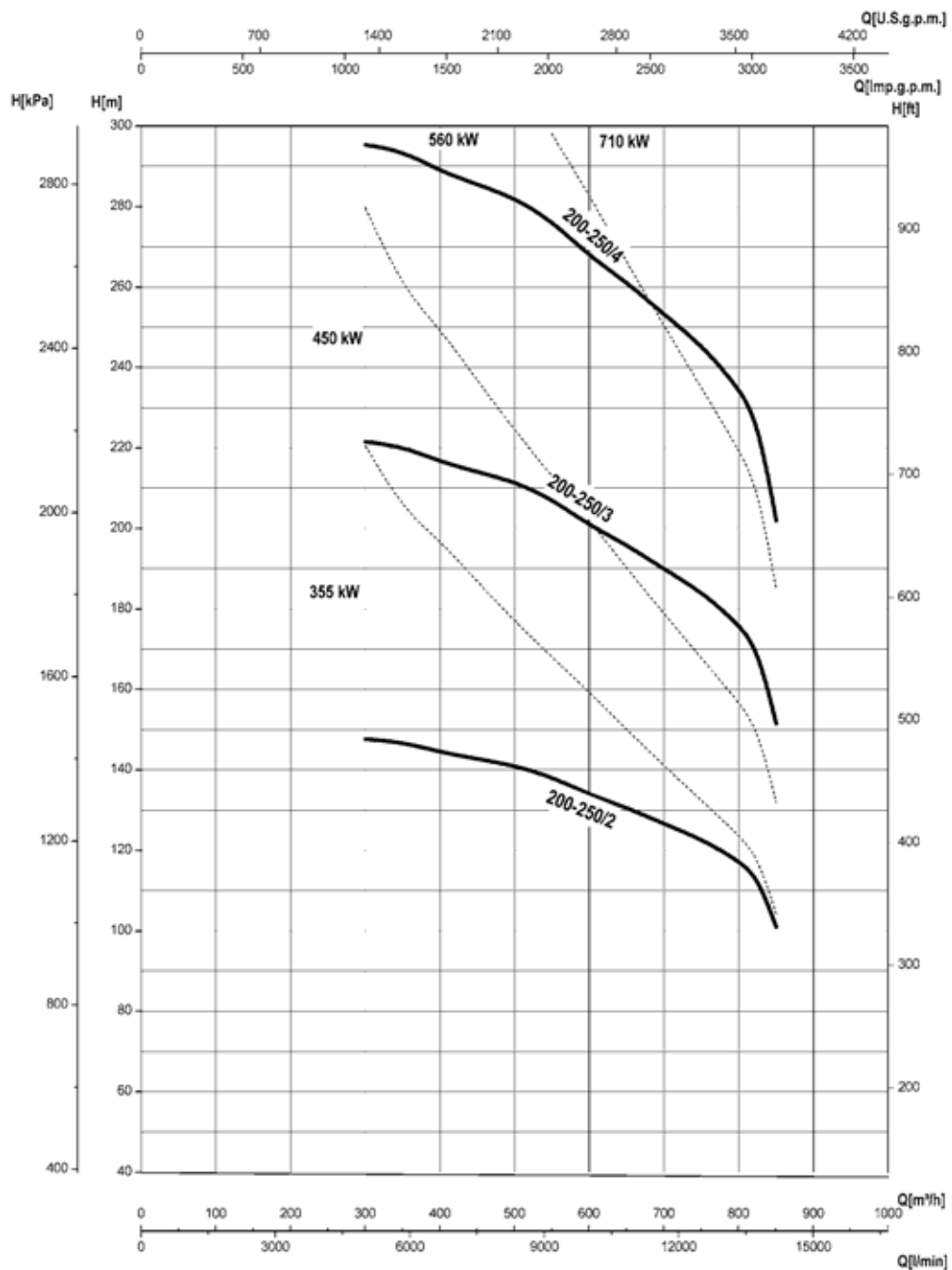


The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

ISO 9006:2012 – Grade 3B. Data referred to standard version

200-250

= 1500 RPM



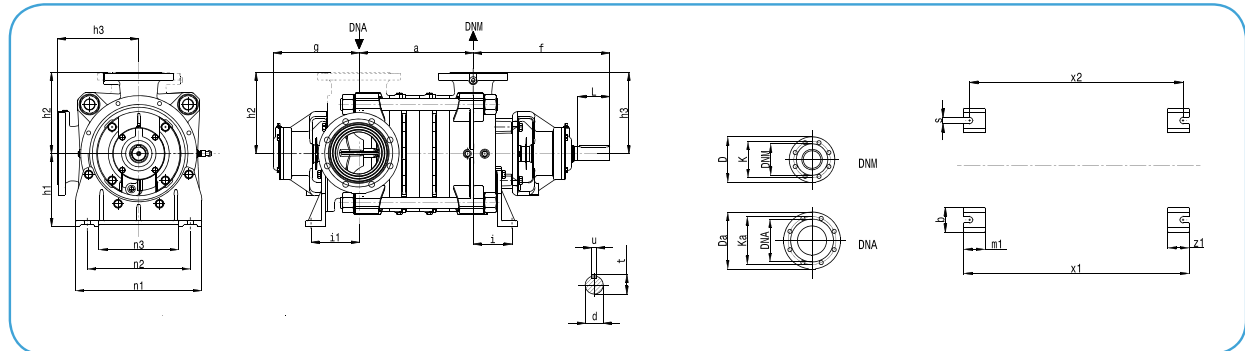
1500 RPM	200-250/2	200-250/3	200-250/4
TMB	✓	✓	✓

The performance curves are based on the kinematic viscosity values = 1 mm²/s,
density = 1000 kg/m³, water

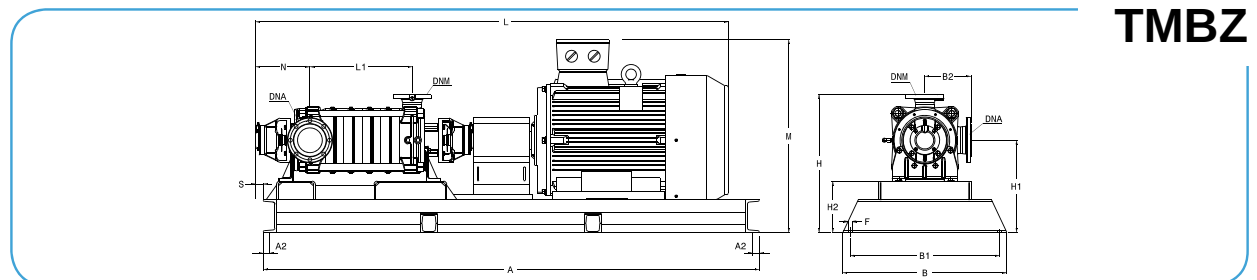
ISO 9006:2012 – Grade 3B. Data referred to standard version

200-250 DIMENSIONS

TMB



Tipo Type	DNA	DNM	a	g	f	x1	x2	n1	n2	n3	h1	h2	h3	m1	z1	s	b	i1	i	L	d	t	u
TMB200-250/2	250	200	470	432	550	1090	990	575	445	315	400	450	450	170	170	32	130	275	245	140	70	74,9	20
TMB200-250/3	250	200	645	432	550	1265	1165	575	445	315	400	450	450	170	170	32	130	275	245	140	70	74,9	20
TMB200-250/4	250	200	820	432	550	1440	1340	575	445	315	400	450	450	170	170	32	130	275	245	140	70	74,9	20



TMBZ

	Tipo Type	DNA	DNM	MOTOR		MEC	B	B1	B2	L	L1	M	H	H1	H2	A	A2	N	S	F
				kW	HP															
1500 RPM	TMBZ4P200-250/2	DN200 PN16	DN150 PN40	355	480	355L	1080	980	450	3036	470	1285	1080	630	230	3200	150	432	-13	30
	TMBZ4P200-250/3	DN200 PN16	DN150 PN40	560	760	400X	1220	1120	450	3601	645	1300	1080	630	230	3600	150	432	-13	30
1800 RPM	6TMBZ4P200-250/2	DN200 PN16	DN150 PN40	630	860	400X	1220	1120	450	3296	470	1300	1080	630	230	3600	150	432	-13	30

	Da	Ka	DNA	FORI - HOLES	
				Ø	N°
DNA PN16	405	355	250	26	12

	D	K	DNM	FORI - HOLES	
				Ø	N°
DNM PN40	375	320	200	30	12

Notes





Sterling Pumps Pty Ltd
14 Sharnet Circuit, Pakenham, VIC, 3810
P: 03 5941 3400 F: 03 5940 2645
sales@sterlingpumps.com.au

www.sterlingpumps.com.au

