

YPP | Prepherical Frictioned Wheel Pumps

50-70-100



DESCRIPTION

YNP series pumps, economical and designed for applications that require high pressure on low flows. Suitable for clean water transfer.

FIELDS OF USE

- Hydrophore Groups
- Industrial Steam Ironing
- Vineyard and Garden irrigation

TECHNICAL SPECIFICATION SPECIFICATION

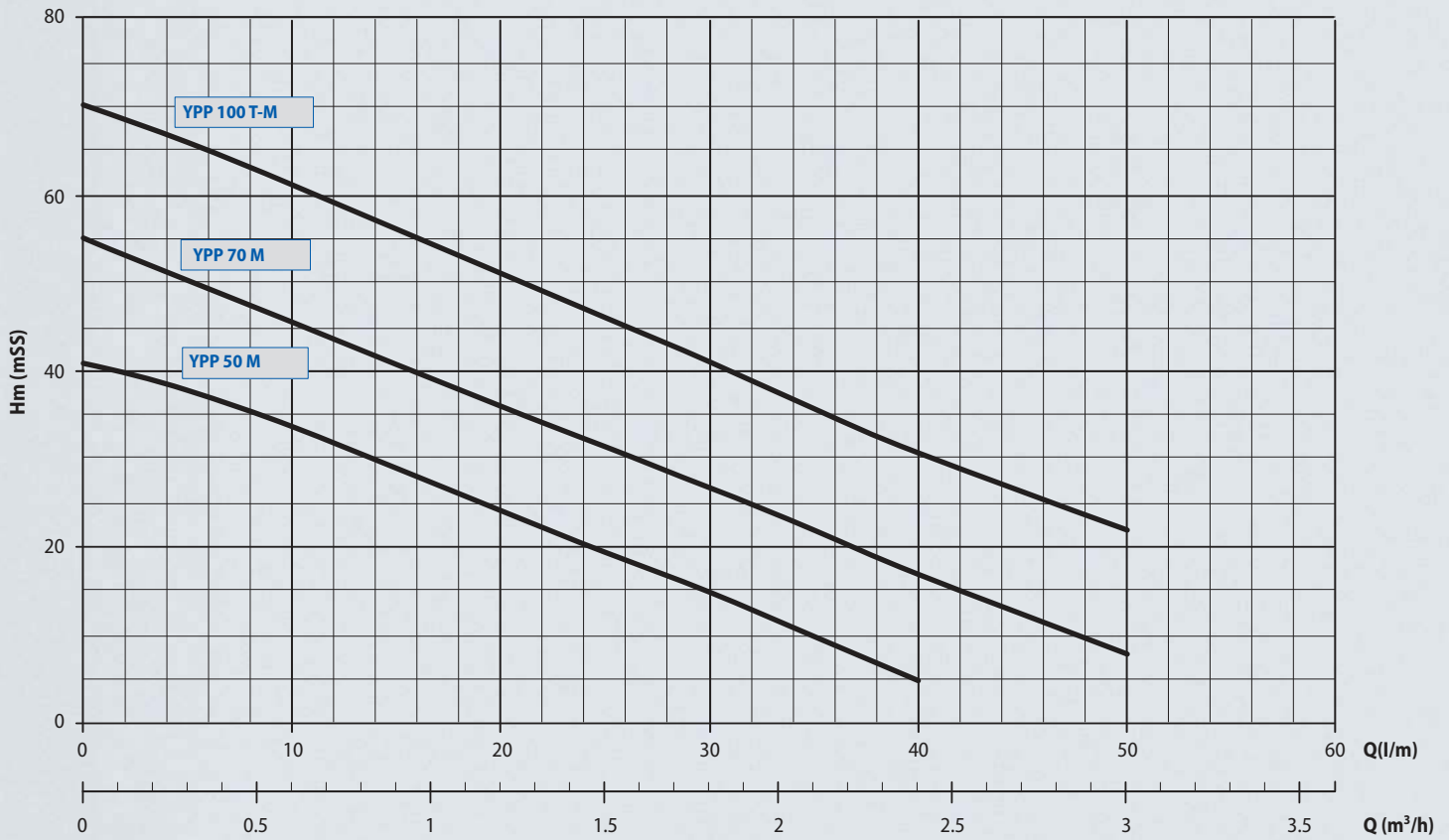
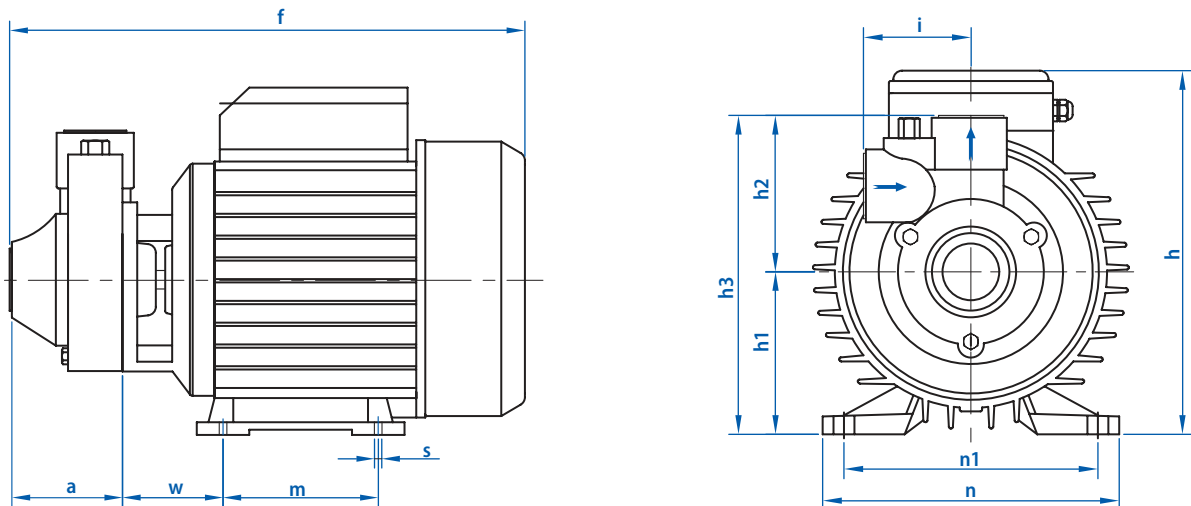
Suction Diameter	: 1"
Pushing Diameter	: 1"
Flow (Q) (max.)	: 3 m ³ /h
Suction depth (max.)	: 8 m
Push Height (max.)	: 70 m
Engine Speed (maks.)	: 2900 r/m
Fluid Temperature	: 60 °C
Environment Temperature (maks.)	: 40 °C
Hull Pressure (maks.)	: 10 bar
Operating Voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Bronz	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q										
	kW	HP		m ³ /h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
SPP 50 M	0.37	0.5	L/S	0	5	10	15	20	25	30	35	40	50
SPP 70 M	0.55	0.75	Hm (mSS)	41	38	33.5	29	24	19.5	15	10	5	-
SPP 100 T-M	0.75	1		70	66	61	56	51	46	41	35.5	30.5	22

PERFORMANCE CURVE $n_s=3000$ r.p.m

DIMENSIONS
YPP | Preperipheral Frictioned Wheel Pumps


Pump Type	Connection Dia.		Dimentions (mm)													Weight (kg)
	Inlet	Outlet	a	f	h	h1	h2	h3	i	m	n	n1	w	s		
YPP 50 M	1"	1"	42	258	155	62	78	140	20	80	118	98	55	8	5.5	
YPP 70 M	1"	1"	49	292	180	72	84	156	20	89	142	106	70	8	9	
YPP 100 T-M	1"	1"	27	276	205	76	102	178	65	98	142	122	72	10	11	

YPJ | Jet Pumps

0,8-10-15-20-30



DESCRIPTION

Thanks to the injector on the hull, YPJ series pumps can suction from 9 m depth, can tolerate air bubbles and are suitable for transferring of clean water.

FIELDS OF USE

- Hydrophore booster groups
- Vineyard and garden irrigation
- lean water supply from caisson wells

TECHNICAL SPECIFICATION

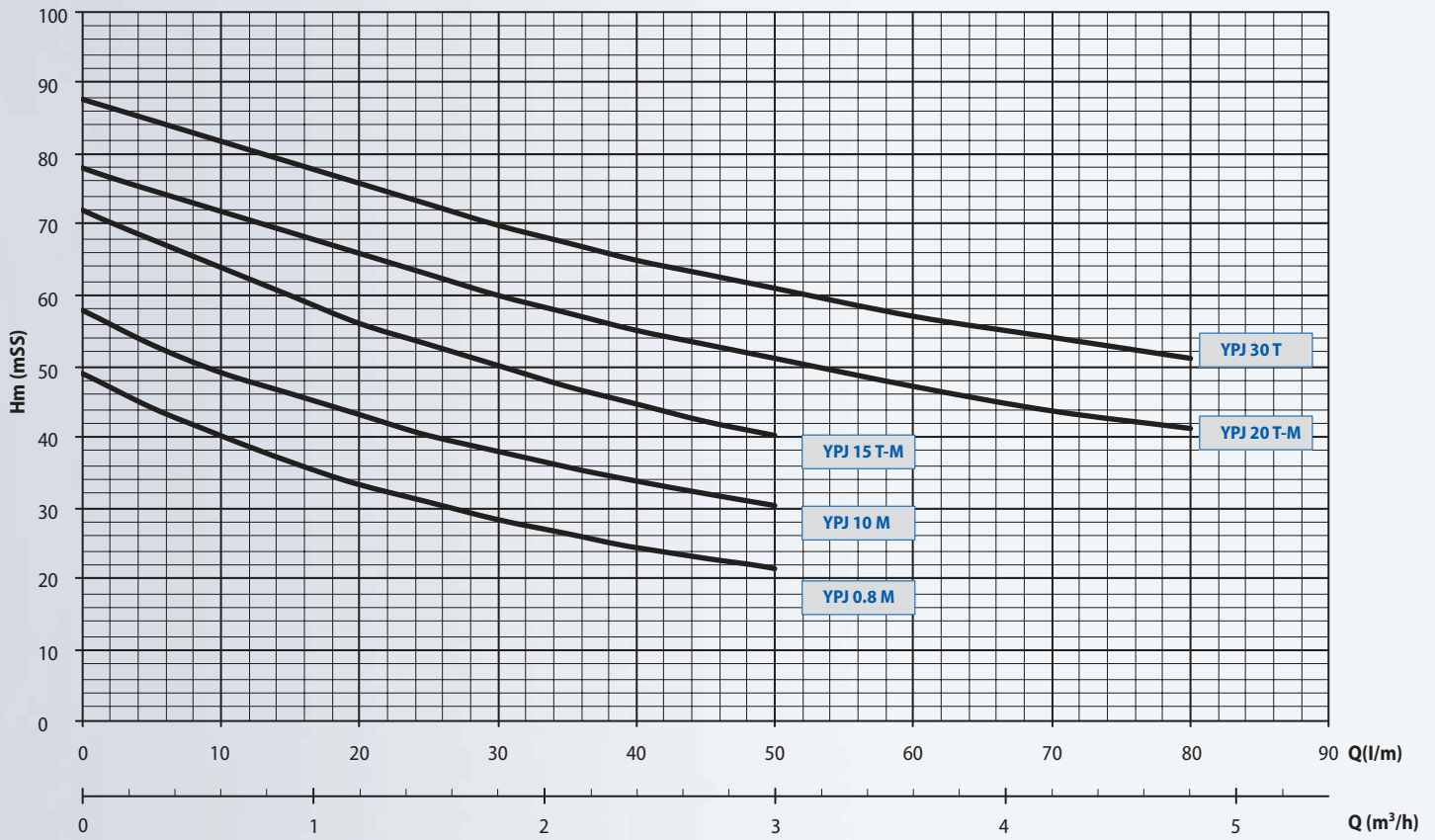
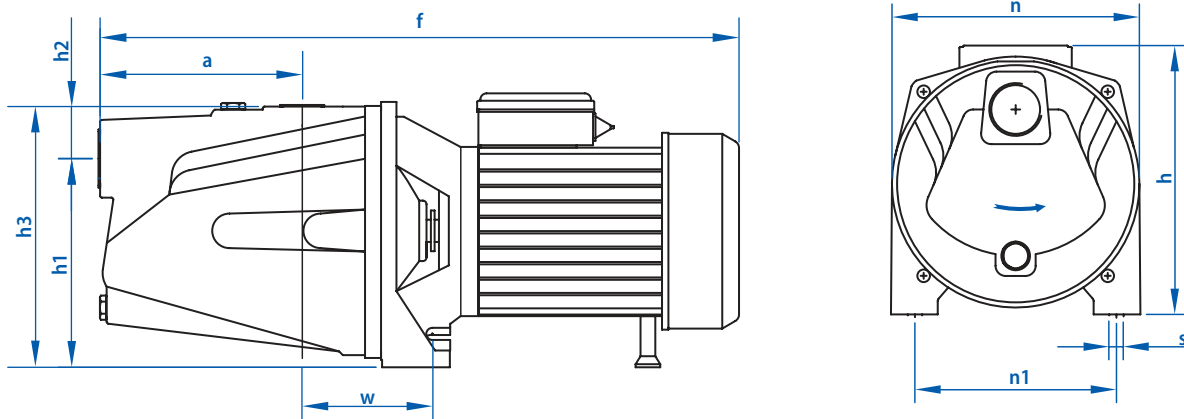
Suction Diameter	: 1" – (YPJ 20/30 : 1¼")
Pushing Diameter	: 1"
Flow (Q) (max.)	: 4,8 m ³ /h
Suction Depth (max.)	: 9 m
Pushing Height (max.)	: 86 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: 40 °C
Environment Temperature (max.)	: 40 °C
Hull Pressure (max.)	: 10 bar
Operating Voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Injector	Diffuser	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Noryl	Noryl	Noryl	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	m ³ /h															
	kW	HP		L/M	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.6	4.2	4.8	
YPJ 0,8 M	0.6	0.85	Hm (mSS)	47	42	38	34	31	28.5	26	24	22	21	19	-	-	-		
YPJ 10 M	0.75	1		56	51	47	44	41	38	36	33.5	31.5	29.7	28	-	-	-		
YPJ 15 T-M	1.1	1.5		70	66	62	58	54	51	48	45	42.5	40	38	-	-	-		
YPJ 20 T-M	1.5	2		76	73	70	67	64	61	58	55.5	53	51	49	45	41.5	39		
YPJ 30 T	2.2	3		86	83	80	77	74	71	68	65.5	63	61	59	55	52	49		

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPJ | Jet Pumps


Pump Type	Connection Dia.		Dimensions (mm)										Weight kg
	Inlet	Outlet	a	f	h	h1	h2	h3	n	n1	w	s	
YPJ 0.8 M	1"	1"	123	400	136	130	35	165	193	128	79	9	14
YPJ 10 M	1"	1"	123	400	136	130	35	165	193	128	79	9	14
YPJ 15 T-M	1"	1"	119	413	209	153	35	188	202	143	96	9	15
YPJ 20 T-M	1 ¼"	1"	165	413	223	163	49	212	218	168	110	11	27
YPJ 30 T	1 ¼"	1"	165	522	223	163	49	212	218	168	110	11	27

YCS | Multi-Stages Silent JET Pump 100



DESCRIPTION

YCS series, horizontal shafted, monoblocked, multistage pumps are quietly running pumps. Especially ideal for domestic boosters and transferring of clean waters.

FIELDS OF USE

- Hydrophore booster groups
- Vineyard and garden irrigation
- Water supply from wells and tanks

TECHNICAL SPECIFICATION

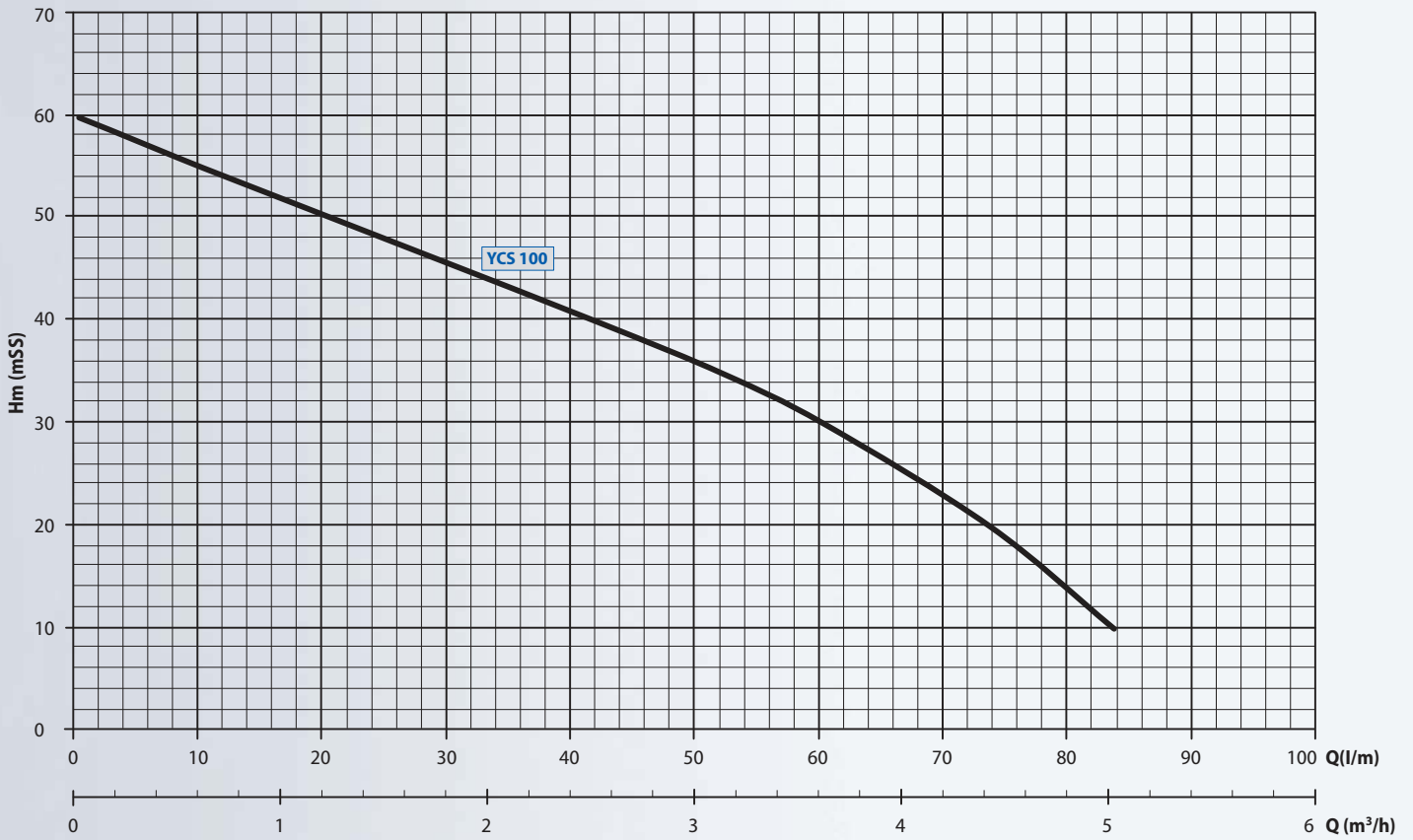
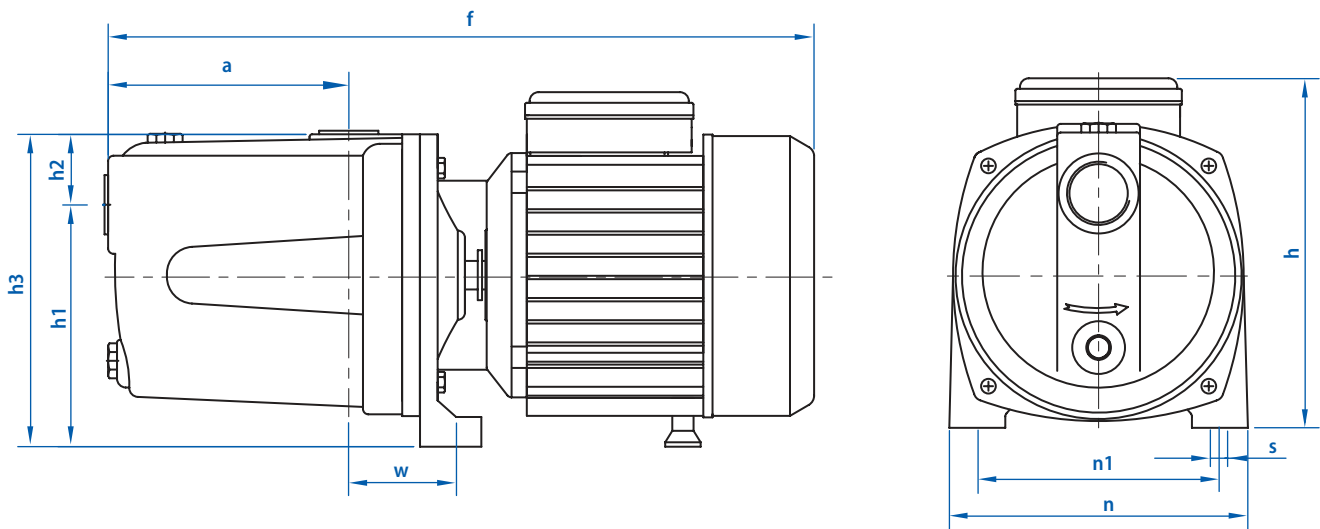
Suction Diameter	:	1"
Pushing Diameter	:	1"
Flow (Q) (max.)	:	5 m ³ /h
Suction Depth (max.)	:	6 m
Pushing Height (max.)	:	60 mSS
Engine Speed (max.)	:	2900 r/m
Fluid Temperature	:	40 °C
Environment Temperature (max.)	:	40 °C
Hull Pressure (max.)	:	10 bar
Operating Voltage	:	220 V, 50 Hz (M)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Noryl	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	m ³ /h	0	0.6	1	2.5	3.1	3.6	4.4	5
	kW	HP		L/M	0	10	17	42	52	60	73	83
YCS 100	0.75	1	Hm (mSS)	60	55	52	40	35	30	20	10	

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YCS | Multi-Stages
 Silent JET Pumps


Pump Type	Connection Dia.		Dimensions (mm)										Weight kg
	Inlet	Outlet	a	f	h	h1	h2	h3	n	n1	w	s	
YCS 100	1"	1"	135	400	196	130	35	165	193	128	79	9	16

YPE | Injection Pump

15



DESCRIPTION

The suction nozzle and the regulator is shipped as an external of YPE series pumps. Has a ability to make suction from more than 30 m depth. If the injector is connected to the pump suction inlet ,pump can suction from 9 m depth and the pushing height can reach 75 mSS.

FIELDS OF USE

- Submersible Hydrophore Groups
- Vineyard and Garden Irrigation
- Clean Water Supply In The Borehole

TECHNICAL SPECIFICATION

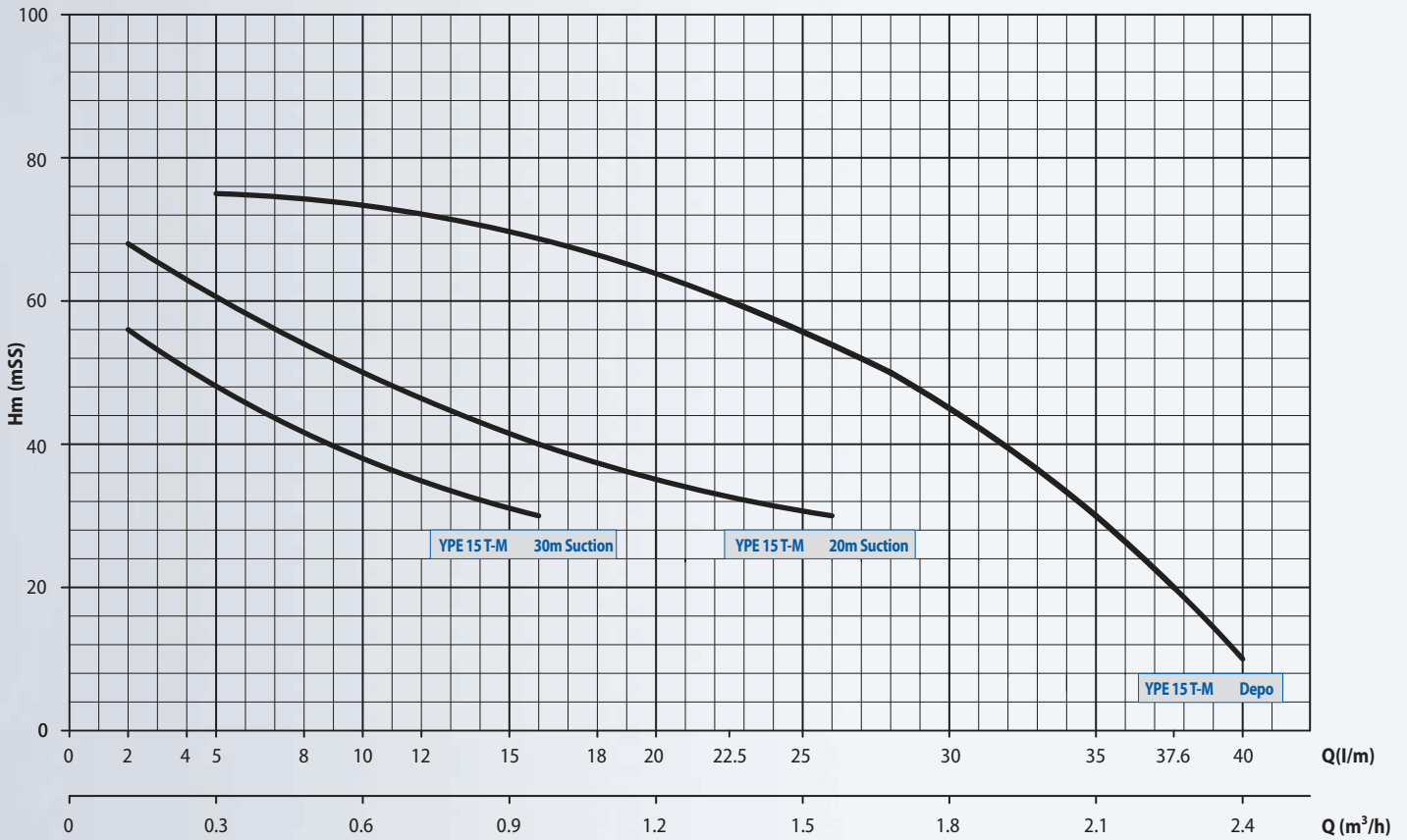
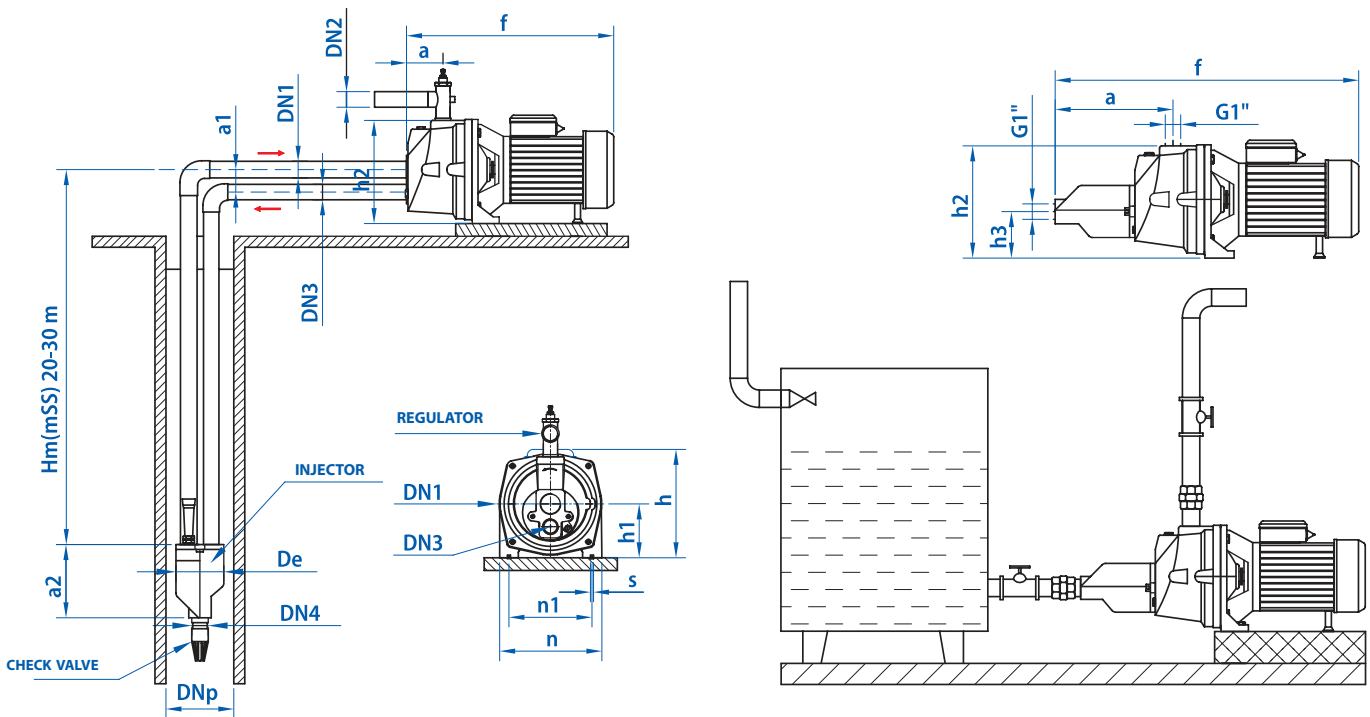
Suction mouth diameter	: 1 ¼" - 1"
Pushing mouth diameter	: 1"
Flow (Q) (max.)	: 1,56 m ³ /h
Suction depth (max.)	: 30 m
Pushing height (max.)	: 74 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 40 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Injector	Diffuser	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Noryl	Noryl	Noryl	AISI 304	Carbon-Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q															
	kW	HP		m ³ /h	0	0.12	0.24	0.36	0.48	0.6	0.72	0.84	0.96	1.08	1.2	1.44	1.56	
YPE 15T-M	1.1	1.5	Hm (mSS)	L/M	0	2	4	6	8	10	12	14	16	18	20	24	26	
				20m Suction														
			30m Suction															
			Hm (mSS)	74	68	63	58	54	50	46	43	40	37	35	32	30		
YPE 15T-M	1.1	1.5	Hm (mSS)	m ³ /h	0	0.3	0.6	0.9	1.35	2	1.92	2.1	2.25	2.4				
				L/M	0	5	10	15	22.5	28	32	35	37.6	40				
YPE 15T-M	1.1	1.5	Hm (mSS)	Hm (mSS)	80	75	73.4	69	60	50	40	30	20	10				

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPE | Injection Pump


Pump Type	Connection Diameter					Dimensions (mm)											Weight kg
	DNp	DN2	DN2	DN3	DN4	De	a	a1	a2	f	h	h1	h2	n	n1	s	
YPE 15 T-M	4"	1 1/4"	1"	1"	1"	98	75	46	150	410	225	109	210	208	168	11	25

YPS | Centrifugal Pumps

0,8-100-150-200



Description

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Hydropore Groups (YPS 100)
- Vineyard and Garden Irrigation
- Heating and Cooling Systems
- Drip Irrigation

Technical Specifications

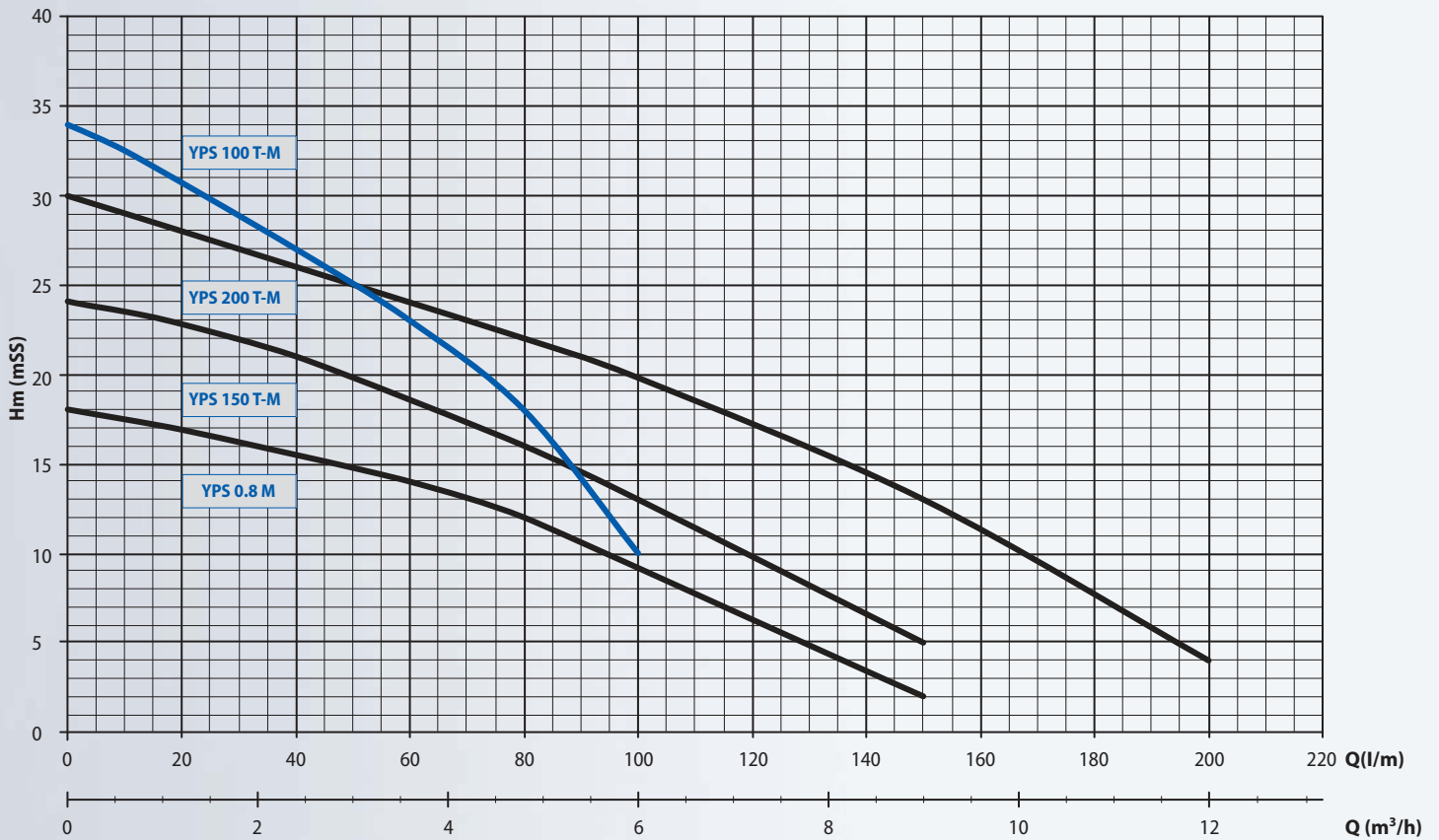
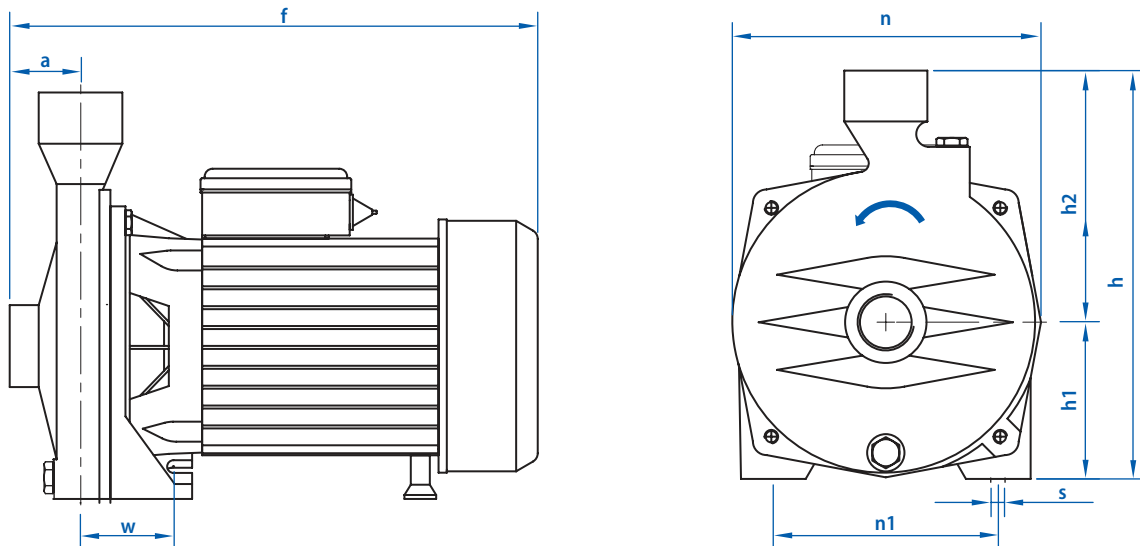
Suction mouth diameter	: 1" - (SPS 150 / 200 : 1 ½")
Pushing mouth diameter	: 1" - (SPS 150 / 200 : 1 ½")
Flow (Q) (max.)	: 12 m ³ /h
Suction depth (max.)	: 6 m
BSuction depth (max.)	: 30 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 40 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Noryl	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q											
	kW	HP		m ³ /h	0	0.6	1.2	2.4	3.6	4.8	6	9	12	
YPS 0,8 M	0.6	0.85	L/M	0	10	20	40	60	80	100	150	200		
YPS 100 T-M	1.1	1.5	Hm (mSS)	18	17	16	15.5	14	12	6	2	-		
YPS 150 T-M	1.1	1.5		34	32	30	27	23	18	10	-	-		
YPS 200 T-M	1.5	2		24	23	22	21	18	16	11	5	-		
				30	29	28	26	24	22	18	13	4		

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS | Centrifugal Pumps


Pump Type	Connection Dia.		Dimention (mm)										Weight kg
	Inlet	Outlet	a	f	h	h1	h2	h3	n	n1	w	s	
YPS 0.8 M	1"	1"	43	284	212	84	128	165	132	129	36	9	12
YPS 100 T-M	1"	1"	44	300	247	97	150	165	205	138	58	9	14.5
YPS 150 T-M	1 ½"	1 ½"	48	303	253	97	156	188	216	138	57	9	16
YPS 200 T-M	1 ½"	1 ½"	48	336	252	97	156	212	216	138	57	9	15

YPS | Open (Vortex) Impeller Centrifugal Pumps

100A-150A



Description

YPS series open (vortex) impeller centrifugal pumps, has been designed for the transfer of clean or slightly contaminated water. Suitable for use in industrial and agricultural fields.

FIELDS OF USE

- Heating and Cooling Systems
- Industrial Machines
- Vineyard and Garden Irrigation
- Poultry farms

Technical Specifications

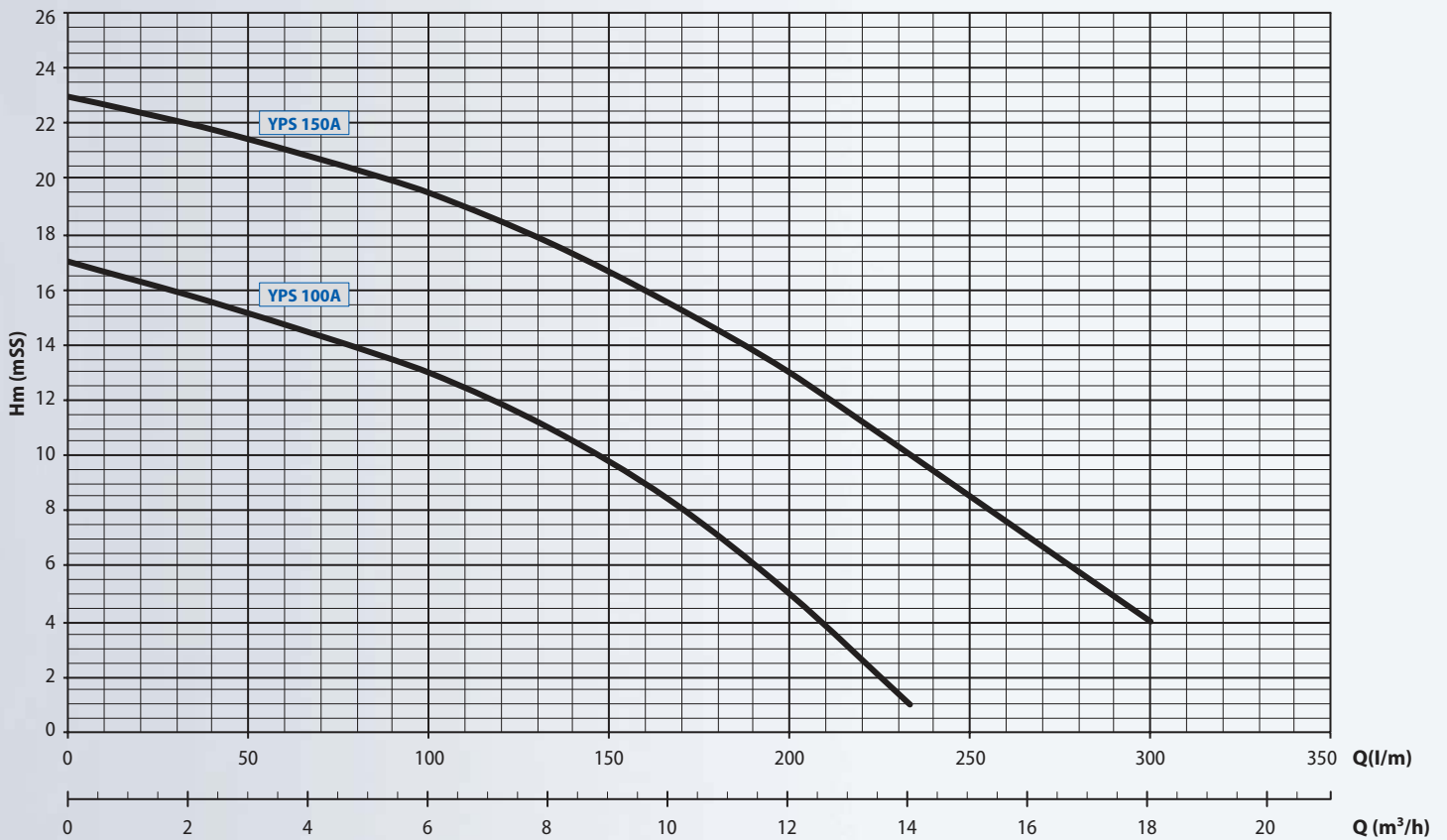
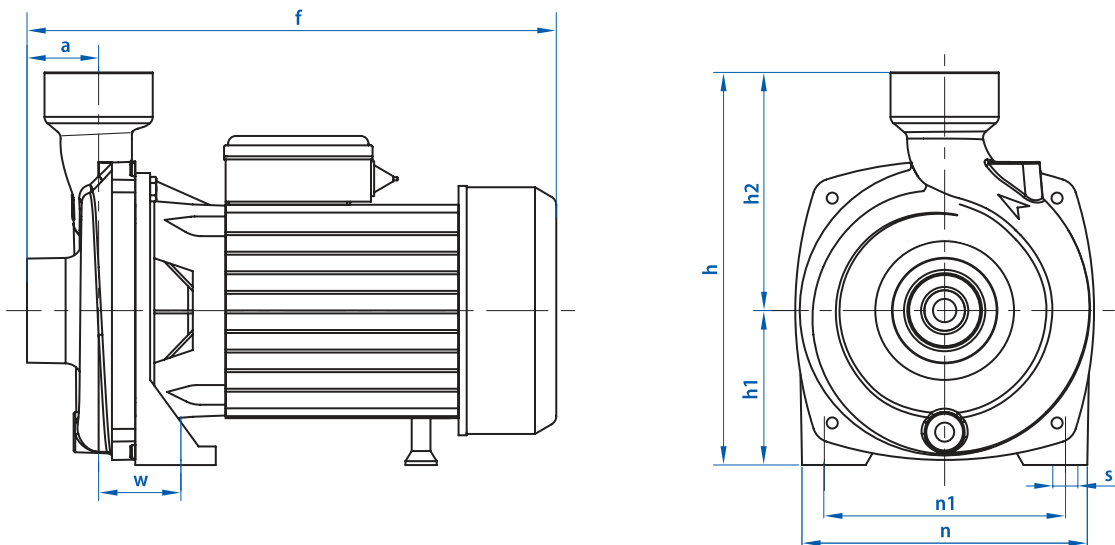
Suction mouth diameter	: 1 ½"
Pushing mouth diameter	: 1 ½"
Flow (Q) (max.)	: 18 m ³ /h
Pushing height (max.)	: 23 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 60 °C
Solid part permeability	: 8 mm
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Flow Rate								
	kW	HP		m ³ /h	0	2	4	6	8	10	12	14
YPS 100A	0.75	1	L/M	0	33.33	66.67	100	133.3	166.7	200	233.3	300
YPS 150A	1.1	1.5	Hm (mSS)	17	15.8	14.5	13	11	8.4	5	1	-
				23	22	21	19.5	17.7	15.5	13	10	4

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS | Centrifugal Pumps


Pump Type	Connection Dia.		Dimention (mm)									Weight kg
	Inlet	Outlet	a	f	w	n	n1	s	h1	h1	h	
YPS 100A	1 ½"	1 ½"	43	325	65	176	138	10	96	143	239	
YPS 150A	1 ½"	1 ½"	43	325	65	176	138	10	96	143	239	

YPS | Centrifugal Pumps

150/2-200/2-250/2



Description

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Vineyard and Garden Irrigation
- Heating and Cooling Systems
- Drip Irrigation

TECHNICAL SPECIFICATIONS

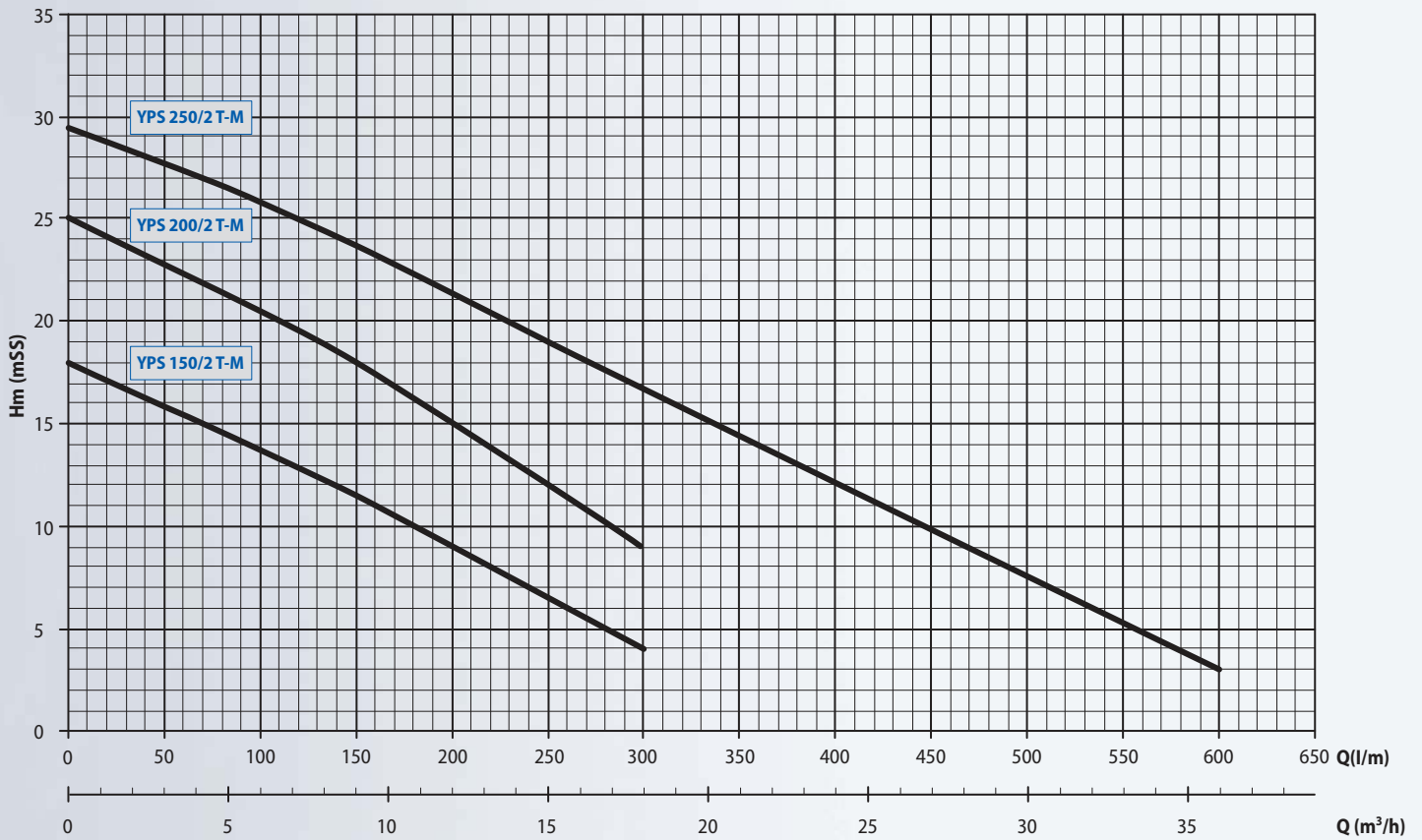
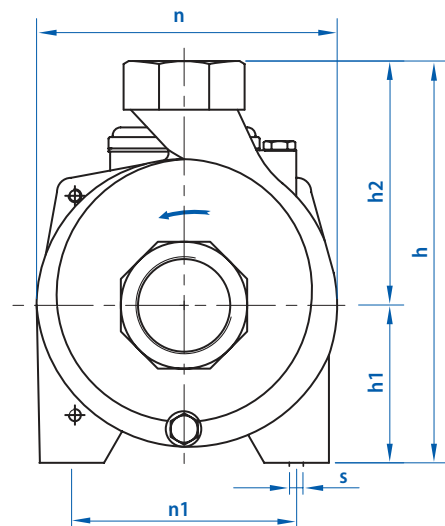
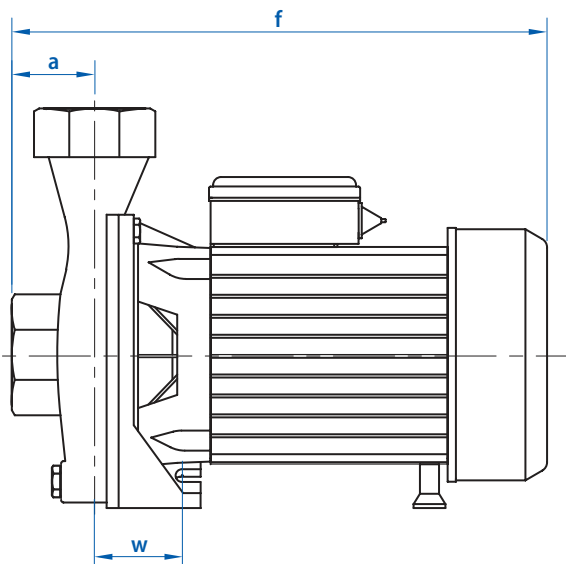
Suction mouth diameter	: 2"
Pushing mouth diameter	: 2"
Flow (Q) (max.)	: 36 m ³ /h
Suction Depth (max)	: 6 m
Pushing height (max.)	: 29,5 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 40 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Noryl	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Flow Rate (m ³ /h)										
	kW	HP		0	2.6	3.5	5	6	9	12.0	15.0	18	24	36
YPS 150/2 T-M	0.6	0.85	L/dak	0	43	58	83	100	150	200	250	300	4 00	600
YPS 200/2 T-M	1.1	1.5	Hm (mSS)	18	16	15.5	14.5	13.7	11.5	9	6.5	4	-	-
YPS 250/2 T-M	1.1	1.5		25	23	22.5	21.2	20.5	18	15	12	9	-	-
				29.5	28.8	27.3	26.5	25.7	23.7	21.3	19	16.5	12	3

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS | Centrifugal Pumps


Pump Type	Connection Dia.		Dimensions (mm)										Weight kg
	Inlet	Outlet	a	f	h	h1	h2	h3	n	n1	w	s	
YPS 150/2 T-M	2"	2"	59	340	247	96	151	165	210	138	64	9	16
YPS 200/2 T-M	2"	2"	50	340	249	97	152	165	217	138	58	9	16
YPS 250/2 T-M	2"	2"	59	415	285	113	172	188	220	168	67	11	18

YPS | Centrifugal Pumps

300A-400A-550A-750A



DESCRIPTION

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Hydropore Groups (YPS 100)
- Industrial Applications
- Vineyard and Garden Irrigation
- Heating And Cooling Systems

TECHNICAL SPECIFICATIONS

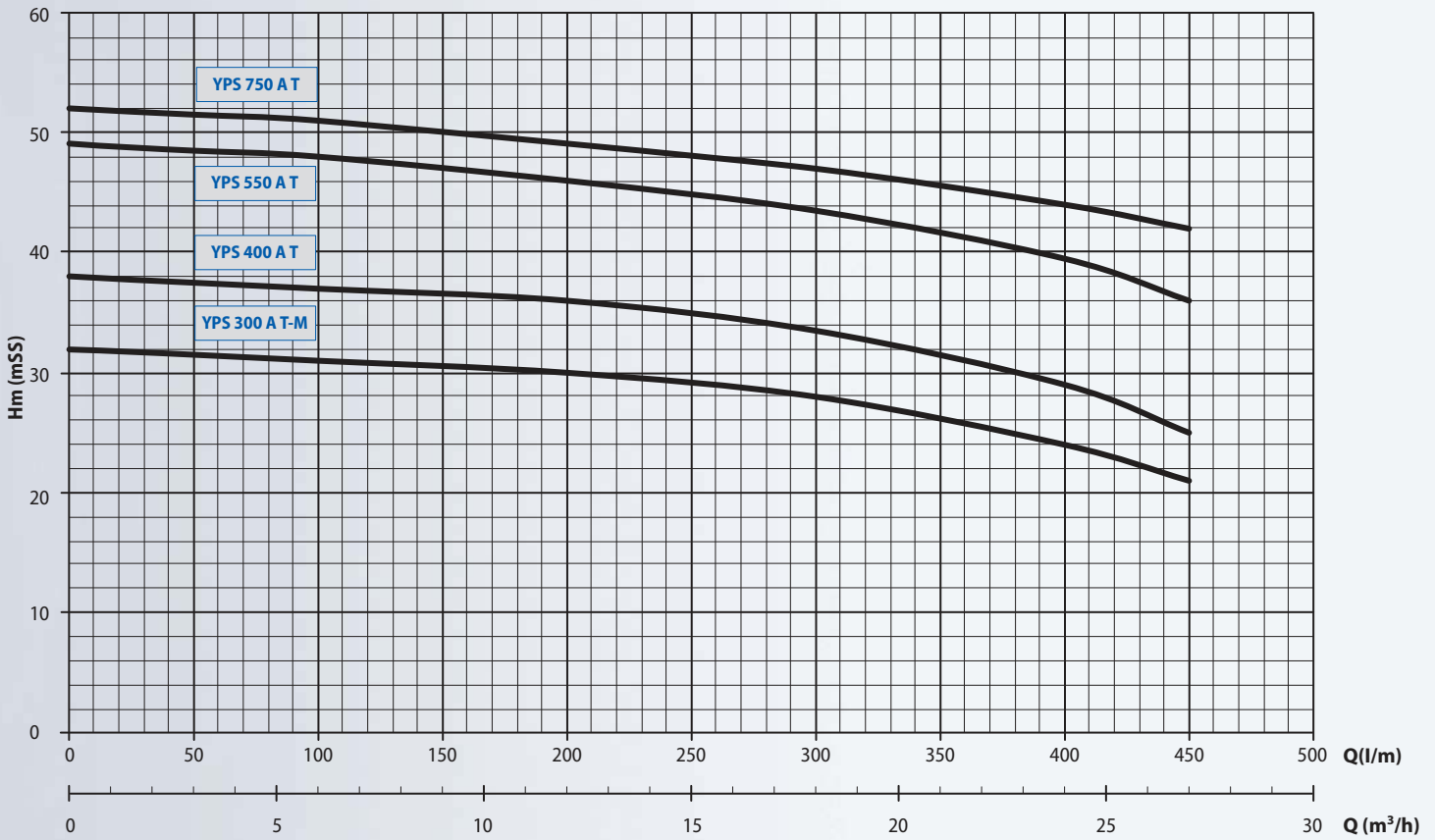
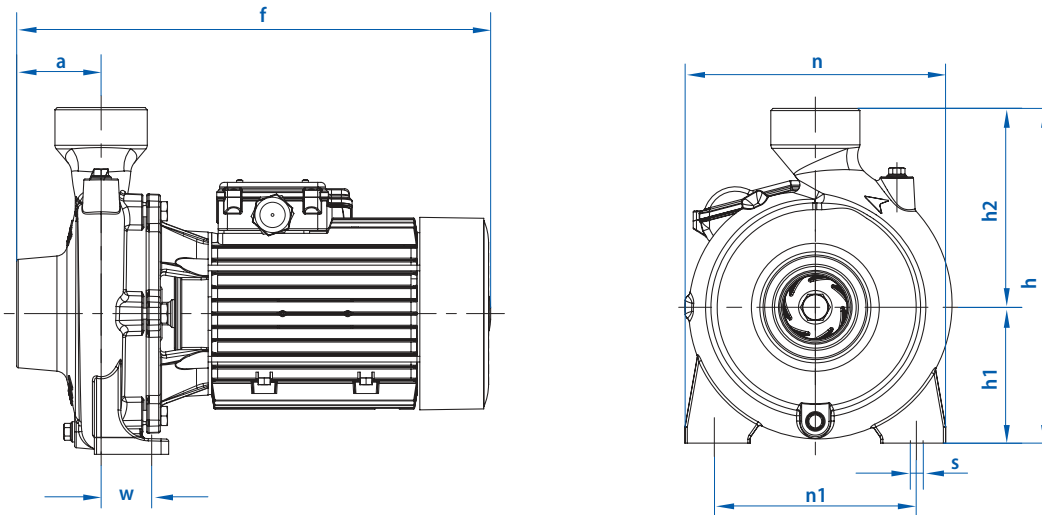
Suction mouth diameter	: 2 ½" - 3"
Pushing mouth diameter	: 2" - 2 ½"
Flow (Q) (max.)	: 27 m ³ /h
Suction depth (max.)	: 6 m
Pushing height (max.)	: 52 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 90 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Silicon Carbid

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)						
	kW	HP		m ³ /h	0	3	6	12	18	24
YPS 300A T-M	2.2	3	L/M	0	50	100	200	300	400	450
YPS 400A T	3	4	Hm (mSS)	32	31.5	31	30	28	24	21
YPS 550A T	4	5.5		38	37.5	37	36	33.5	29	25
YPS 750A T	5.5	7.5		49	48.5	48	46	43.5	39.5	36
				52	51.5	51	49	47	44	42

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS Centrifugal Pumps


Pump Type	Connection Dia.		Dimensions (mm)									Weight kg
	Inlet	Outlet	a	f	h	h1	h2	n	n1	w	s	
YPS 300A T-M	2 ½"	2"	75	421	308	125	184	240	180	45	12	32
YPS 400A T	2 ½"	2"	75	421	308	125	184	240	180	45	12	35
YPS 550A T	3"	2 ½"	76	462	327	132	195	271	190	45	12	40
YPS 750A T	3"	2 ½"	76	506	327	132	195	271	190	45	12	45

YPS | Centrifugal Pumps

400B-550B-750B



DESCRIPTION

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Hydropore Groups
- Industrial Applications
- Vineyard and Garden Irrigation
- Heating And Cooling Systems

TECHNICAL SPECIFICATIONS

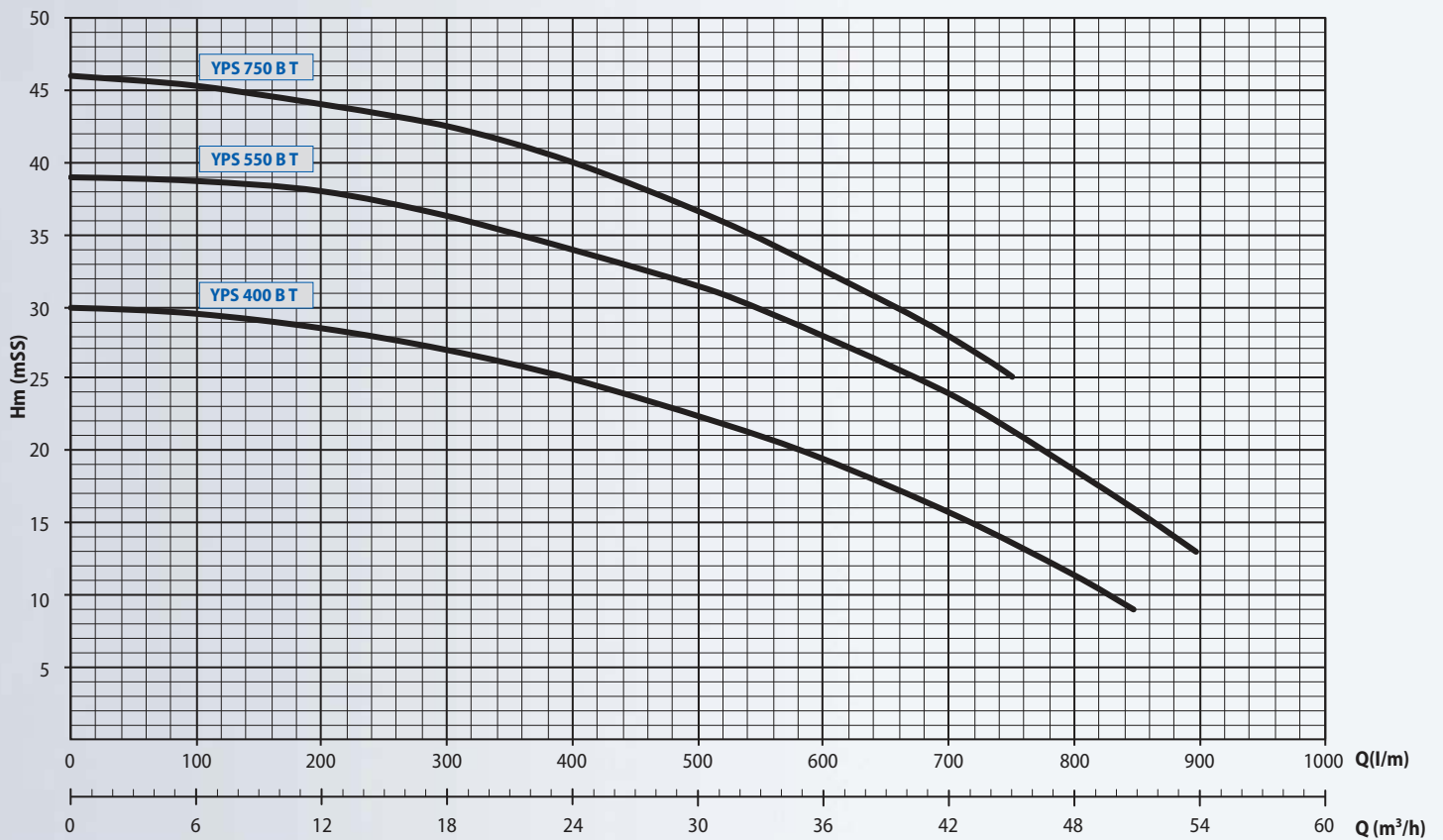
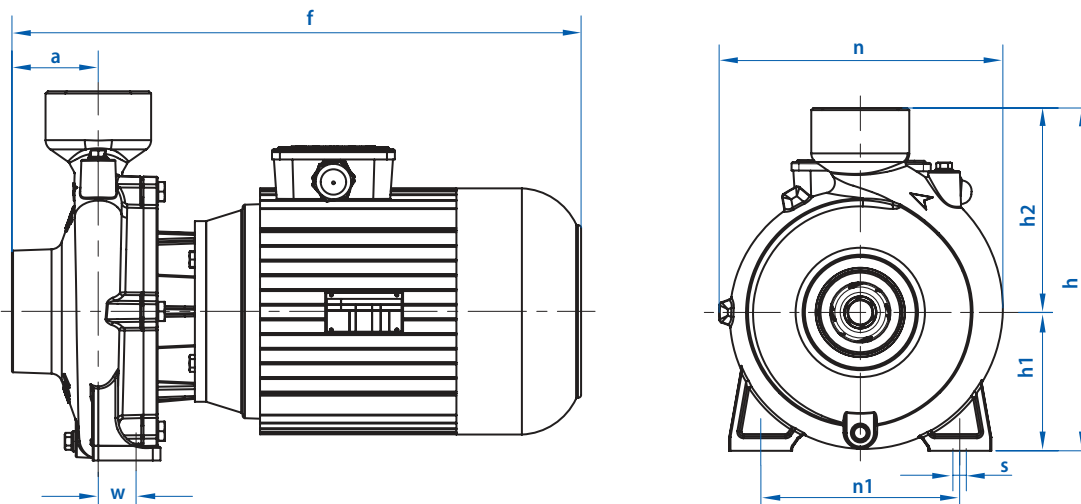
Suction mouth diameter	: 2 ½" - 3"
Pushing mouth diameter	: 2" - 2 ½"
Flow (Q) (max.)	: 54 m ³ /h
Suction depth (max.)	: 6 m
Pushing height (max.)	: 46 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 90 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220V, 50 Hz (M) / 380V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Silicon Carbid

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)											
	kW	HP		0	6	12	18	24	31	36	42,5	48	51	54	
YPS 400B T	3	4	L/M	0	100	200	300	400	517	600	708	800	850	900	
YPS 550B T	4	5,5	m ³ /h	30	29,5	28,5	27	25	22	19,5	15,5	11,5	-	-	
YPS 750B T	5,5	7,5		39	38,7	38	36,3	34	31	28	23,7	18,7	16	13	
				46	45,3	44	42,5	40	36	32,5	27,5	21,7	18,3	15	

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS | Centrifugal Pumps


Pump Type	Connection Dia.		Dimentions (mm)									Weight kg
	Inlet	Outlet	a	f	h	h1	h2	n	n1	w	s	
YPS 400B T	2 ½"	2"	75	421	308	125	184	240	180	45	12	45
YPS 550B T	3"	2 ½"	76	464	327	132	195	271	190	45	12	48
YPS 750B T	3"	2 ½"	76	504	327	132	195	271	190	45	12	50

YPS | Centrifugal Pumps

1000-1500



DESCRIPTION

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Hydropore Groups
- Industrial Applications
- Vineyard and Garden Irrigation
- Heating And Cooling Systems

TECHNICAL SPECIFICATIONS

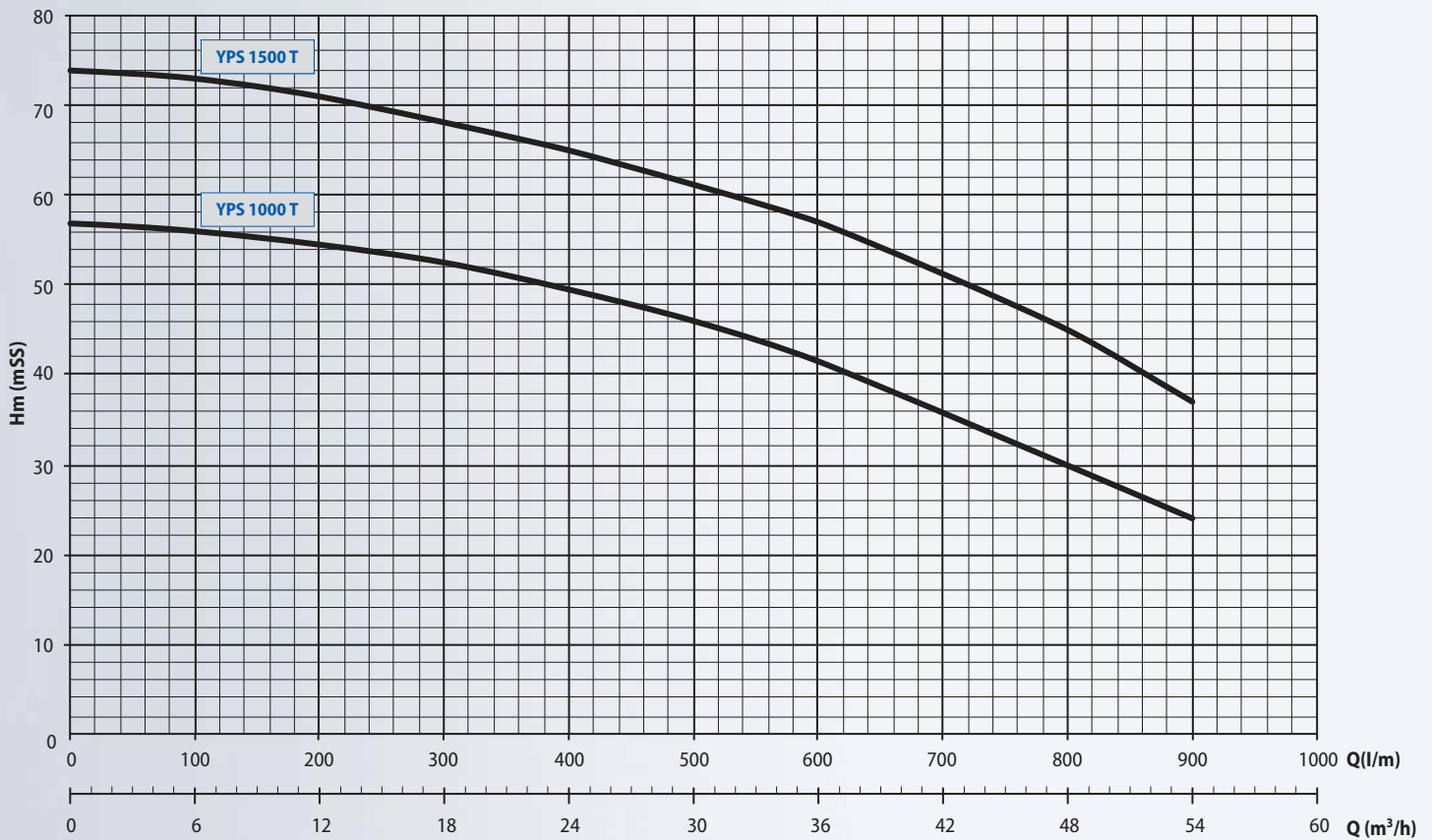
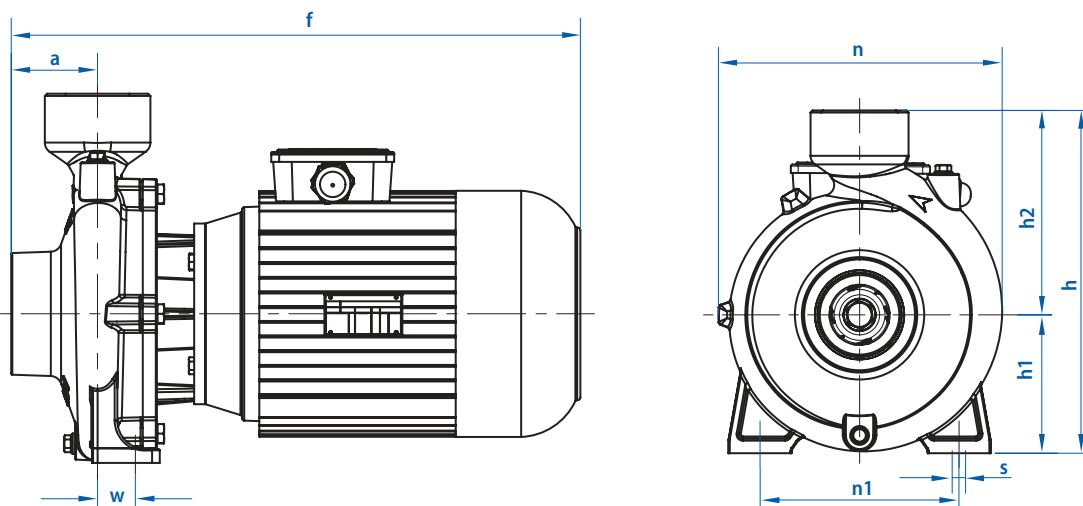
Suction mouth diameter	: 4"
Pushing mouth diameter	: 3"
Flow (Q) (max.)	: 54 m ³ /h
Suction depth (max.)	: 6 m
Pushing height (max.)	: 74 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 90 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Silicon Carbide

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Flow Rate										
	kW	HP		m ³ /h	L/M	0	6	12	18	24	30	36	42	48
YPS 1000 T	7,5	10	Hm (mSS)	57	56	54,5	52,5	49,5	46	41,5	35,5	30	24	
YPS 1500 T	10	15		74	73	71	68	65	61	57	51	45	37	

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS | Centrifugal Pumps


Pump Type	Connection Dia.		Dimensions (mm)										Weight kg
	Inlet	Outlet	a	f	h	h1	h2	n	n1	w	s		
YPS 1000 T	4"	3"	77	577	395	160	235	315	180	45	12	85	
YPS 1500 T	4"	3"	77	577	395	160	235	315	180	45	12		

YPS | Centrifugal Pumps

250/3



DESCRIPTION

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Clean or Dirty Water Transfer
- Drip Irrigation
- Tank Filling
- Tank Discharging

TECHNICAL SPECIFICATIONS

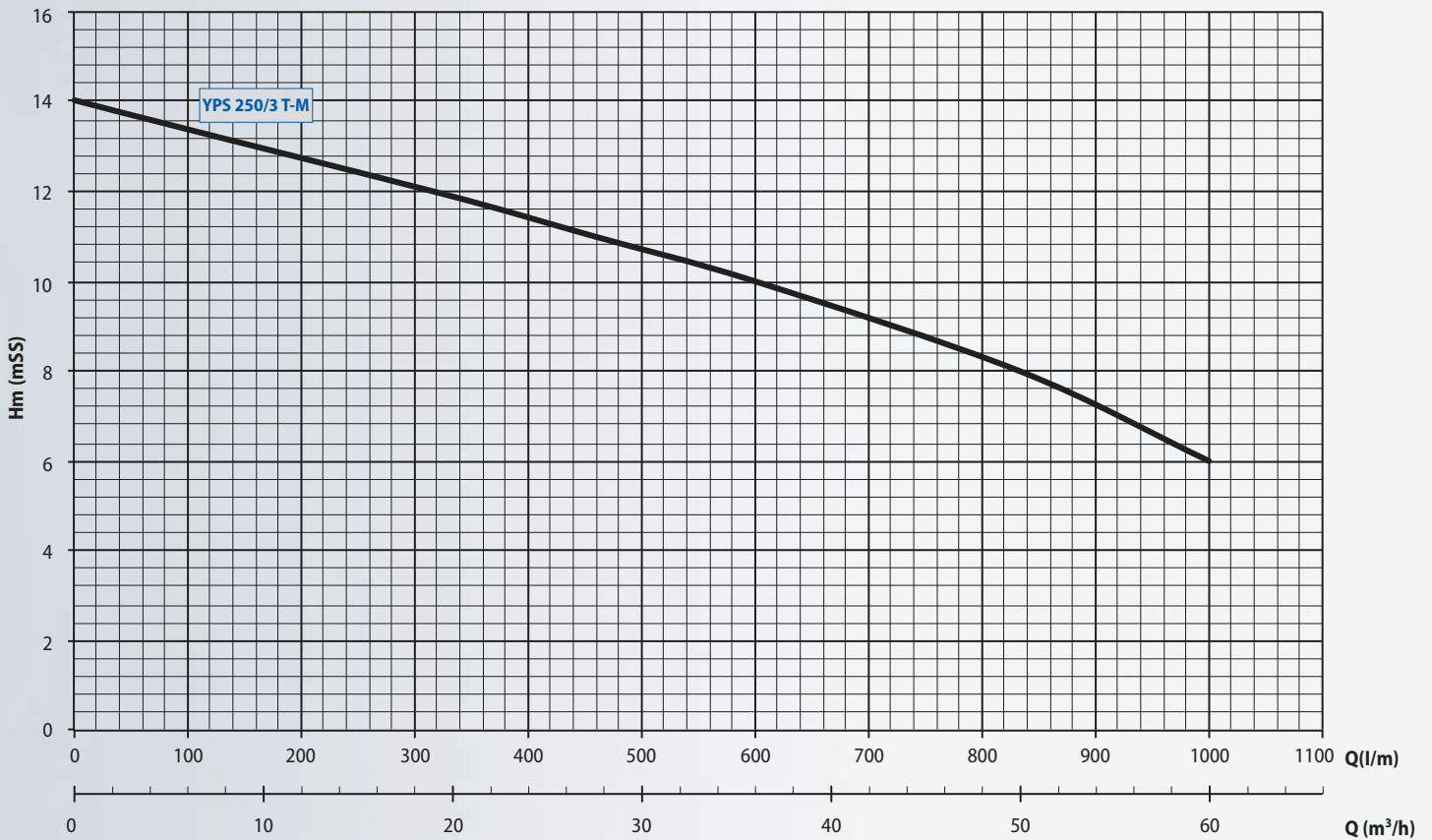
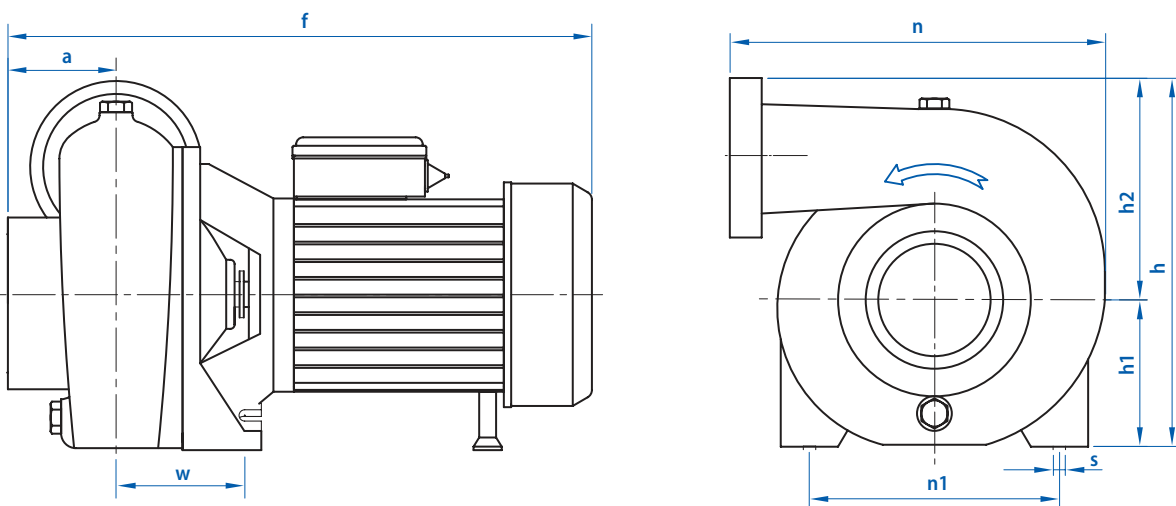
Suction mouth diameter	: 3"
Pushing mouth diameter	: 3"
Flow (Q) (max.)	: 60 m ³ /h
Suction depth (max.)	: 6 m
Pushing height (max.)	: 14 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: 90 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pompa Tipi	Motor Power		Q	Performance								
	kW	HP		m ³ /h	L/M	Hm (mSS)	0	19	27,5	36	50	60
YPS 250/3 T-M	1,5	2	Hm (mSS)	14	12	11	10	8	6			

PERFORMANCE CURVE $n_p=3000$ r/m

DIMENSIONS
YPS Centrifugal Pumps


Pump Type	Connection Dia.		Dimensions (mm)									Weight (kg)
	Inlet	Outlet	a	f	h	h1	h2	n	n1	w	s	
YPS 250/3	3"	3"	66	405	263	111	152	260	168	92	11	25

YPD | Self Clapper (Stop Typed) Pumps

90



DESCRIPTION

YPD series self-clapper pumps are designed for transfer of slightly contaminated waste water, ideal for applications where submersible pumps are not operational.

FIELDS OF USE

- Agricultural Irrigation
- Drainage of slightly muddy water
- Evacuation of the foundation water on constructions

TECHNICAL SPECIFICATION

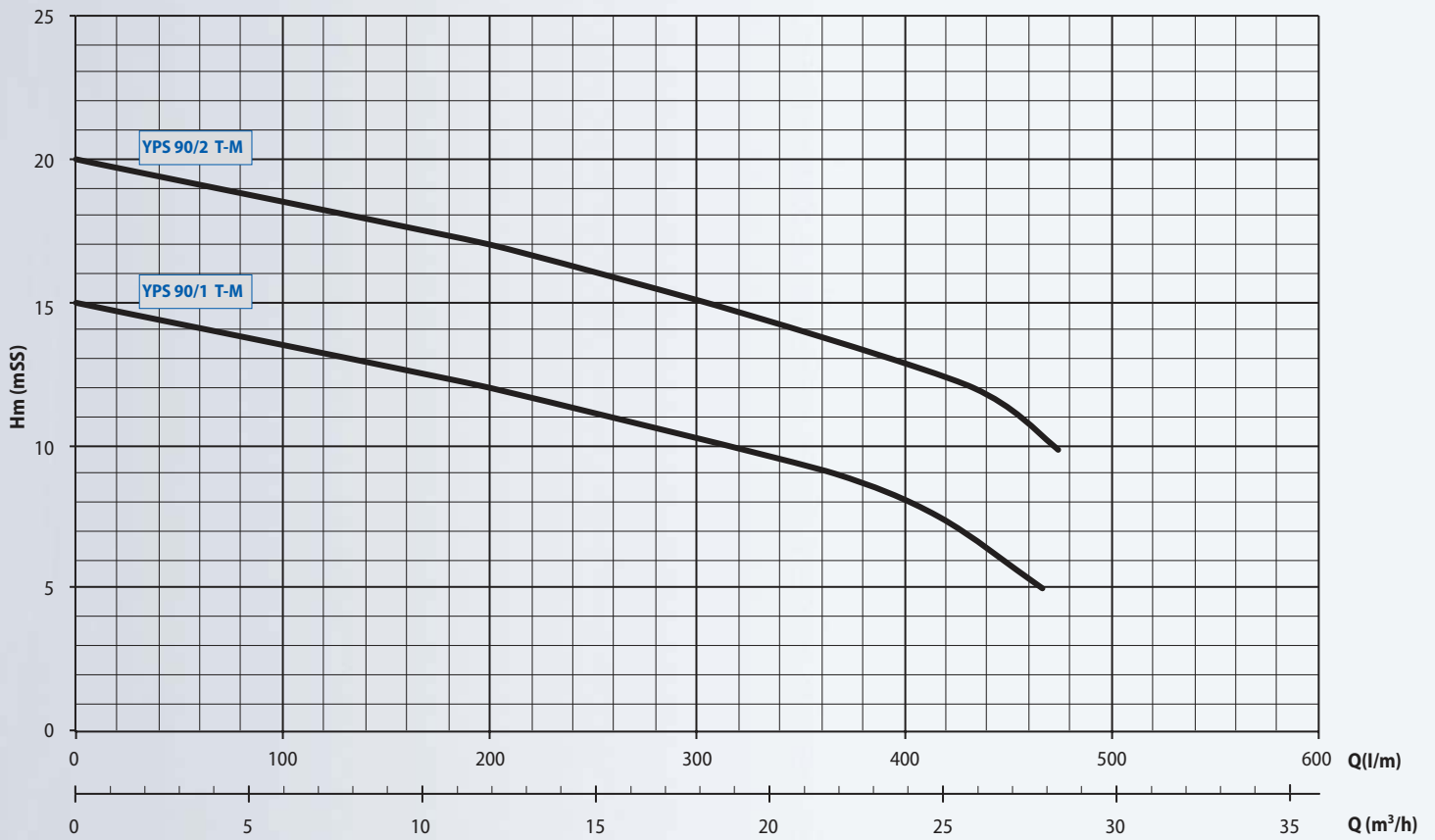
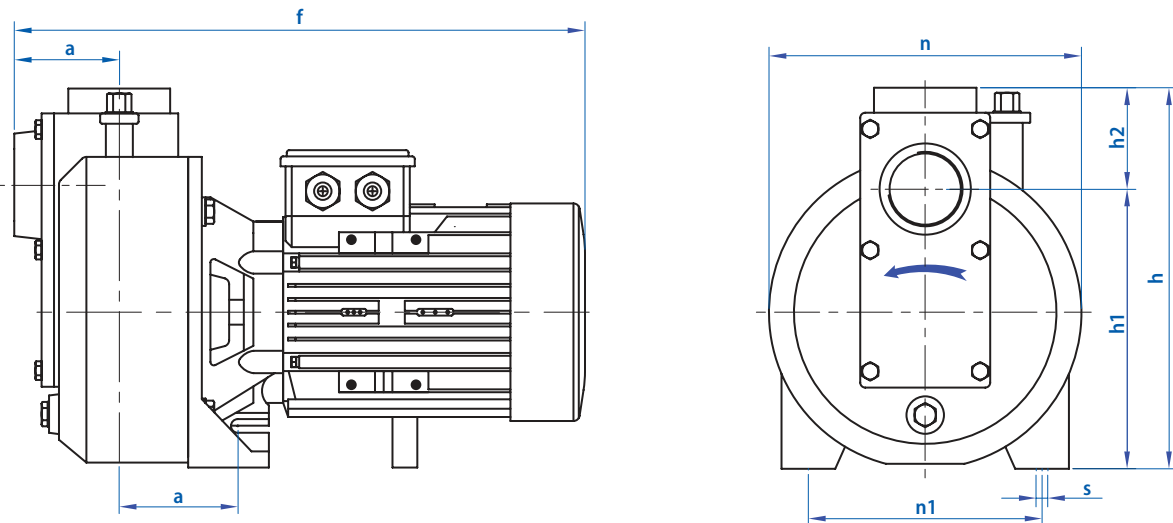
Suction mouth diameter	: 2"
Pushing diameter	: 2"
Flow (Q) (max.)	: 30 m ³ /h
Suction depth (max.)	: 6 m
Discharge height (max.)	: 20 mSS
Engine speed (max.)	: 2900 r/m
Liquid fluid temperature	: 60 °C
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Operating voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Flow Rate (m ³ /h)											
	kW	HP		0	1,5	3,5	8	12	15	18	21	26	28,3	29	30
YPD 90/1 T-M	1,1	1,5	L/M	0	25	58	133	200	250	300	350	433	472	483	500
YPD 90/2 T-M	1,5	2	Hm (mss)	15	14,5	14	13	12	11	10	9,5	6,8	5	-	-
				20	19,5	19	18	17	16	15	14	12	10	9	7

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTİONS
YPD | Self Clapper (Stop Typed) Pumps


Pump Type	Connection Type		Dimention (mm)									Weight kg
	Inlet	Outlet	a	f	h	h1	h2	n	n1	w	s	
YPD 90 / 1 TM	2"	2"	91	476	305	227	78	250	182	109	11	38
YPD 90 / 2 TM												

YCM 2 | Double Wheeled Centrifugal Pumps (With Bronze Wheel)

52-60-68



DESCRIPTION

YPS series centrifugal pumps, mainly ideal for use on clean water transfers farm irrigation and garden store drip irrigation systems and discharging depots, is ideal for use in transfer between two tanks.

FIELDS OF USE

- Hydropore Groups
- Industrial Applications
- Vineyard and Garden Irrigation
- Heating And Cooling Systems

TECHNICAL SPECIFICATION

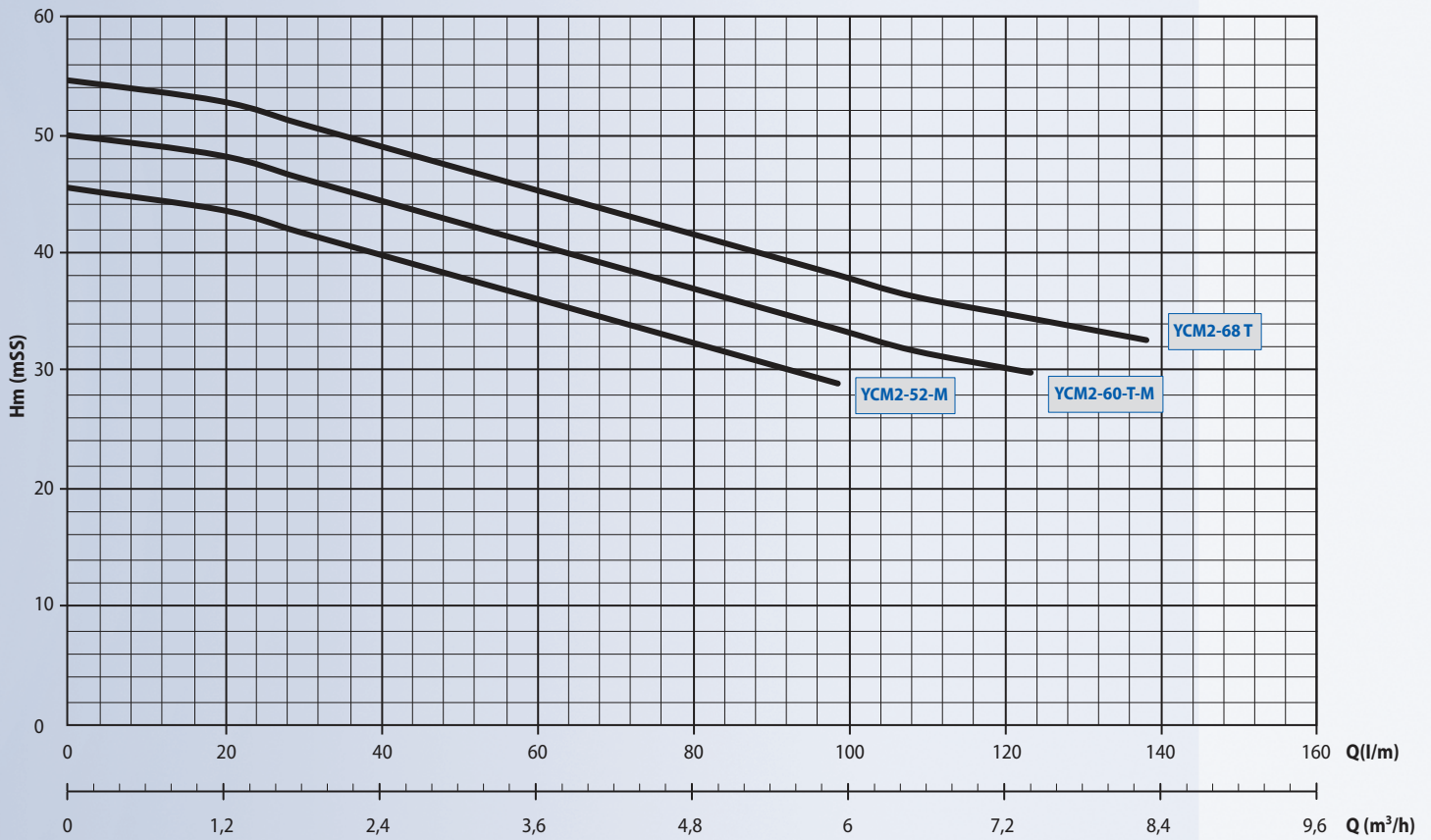
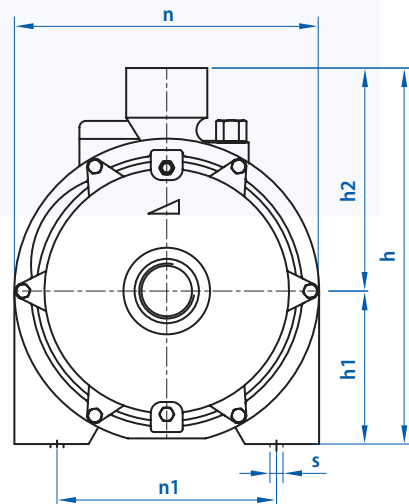
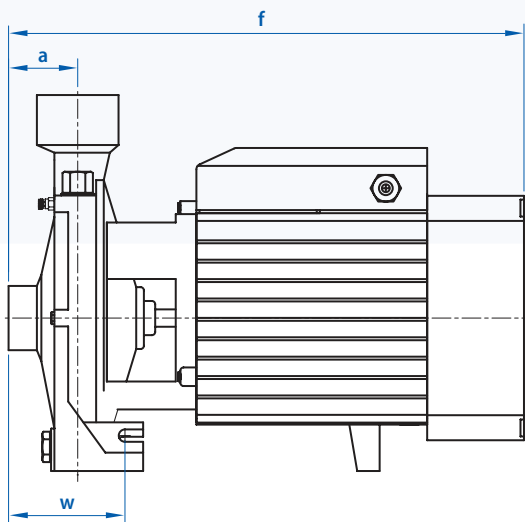
Suction Dia.	: 1 ¼"
Pushing Dia.	: 1" - 1 ¼"
Flow (Q) (max.)	: 8.4 m ³ /h
Suction Depth (max.)	: 6 m
Pushing Heat (max.)	: 55 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature (max.)	: 90 °C
Ambient Temp. (max.)	: 40 °C
Hull Pressure (maks.)	: 10 bar
Operation Voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Bronze	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pompa Tipi	Motor Gücü		Q	Flow Rate (m ³ /h)													
	kW	HP		0	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6	6,6	7,5	8,4	
SCM2-52 M	1,1	1,5	Hm (mSS)	45	43	41	39	37	35	33	31	29	27	-	-	-	
SCM2-60 T-M	1,5	2		50	48	46	44	42	40	38	36	34	32	30	28	-	
SCM2-68 T	2,2	3		55	53	51	49	47	45	43	41	39	37	35	33	31	

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENTIONS
YCM 2 | Double Wheel Centrifugal Pumps


Pump Type	Connection Type		Dimentions (mm)									Weight kg
	Inlet	Outlet	a	f	h	h1	h2	n	n1	w	s	
YCM2-52 M	1 ¼"	1"	86	400	263	115	148	210	165	140	10	23,5
YCM2-60 T-M	1 ¼"	1"	86	400	263	115	148	210	165	140	10	25,0
Y CM2-68 T	1 ¼"	1 ¼"	90	450	315	140	175	240	200	160	14	31,0



DESCRIPTION

YINOX series pumps with surfaces completely contacting with liquid are made from AISI-304 stainless steel and are suitable for transferring many chemicals, Hygienic and corrosion resistant pumps.

FIELDS OF USE

- Clean water transferring
- Industrial machines
- Vineyard and garden irrigation

TECHNICAL SPECIFICATIONS

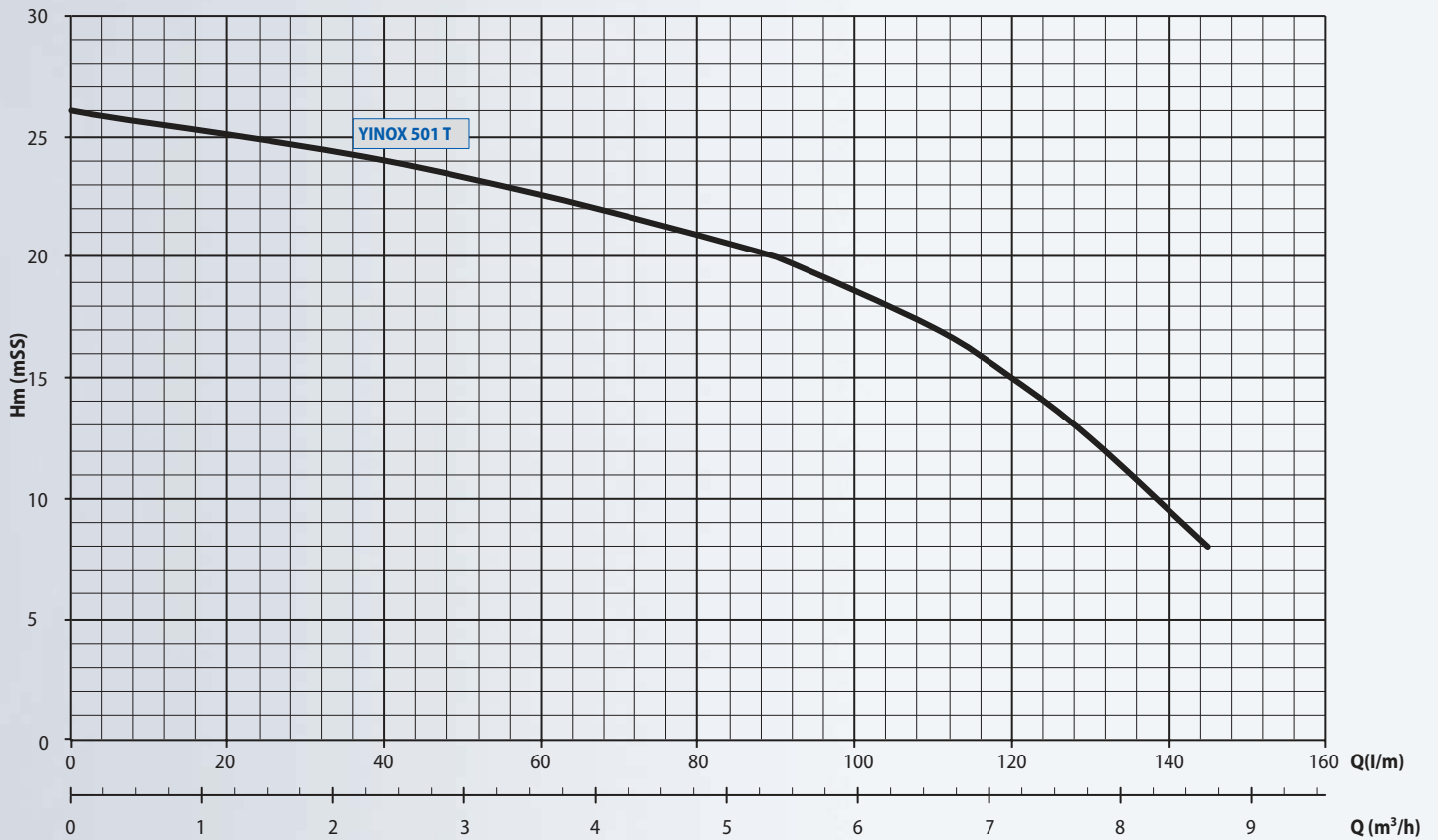
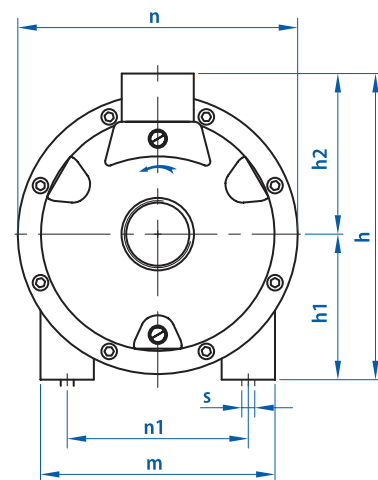
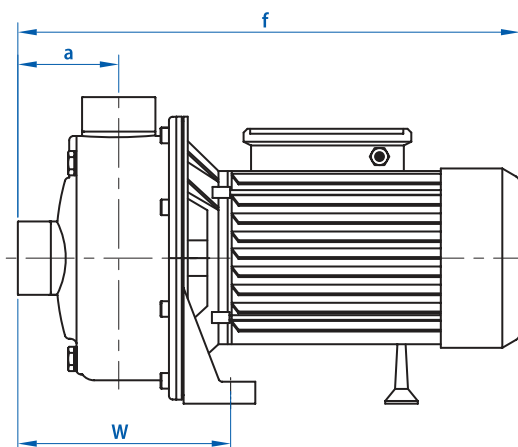
Suction Dia.	: 1 ¼"
Pushing Dia.	: 1 ¼"
Flow (Q) (max.)	: 8,7 m ³ /h
Suction Depth (max.)	: 6 m
Pushing Height (max.)	: 26 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temp. (max.)	: 90 °C
Ambient Temp. (max.)	: 40 °C
Hull Pressur (maks.)	: 10 bar
Operation Voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
AISI 304	Aluminum	AISI 304	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Hull		Q	m ³ /h	0	1,2	2,4	3,6	4,8	5,4	6,6	7,2	7,8	8,7
	kW	HP		L/m	0	20	40	60	80	90	110	120	130	145
YINOX 501 T	0,75	1	Hm (mSS)	26	25	24	22,5	21	20	17	15	12	8	

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YINOX | Complete Stainless Centrifugal Pump


Pump Type	Connection Dia.		Dimensions (mm)										Weight kg
	Inlet	Outlet	a	f	h	h1	h2	n	n1	m	w	s	
YINOX 501 M	1 ¼"	1 ¼"	52	315	232	108	124	213	120	158	144	9	13,5

YPINOX

605-607

Multistage Horizontal Shafted Pumps , Completely Produced Of Aisi-304 Stainless Steel



Description

YPINOX series multistage horizontal shafted pumps are completely produced of AISI-304 stainless steel. Suitable for the transferring of many chemicals in high-pressure. is resistant against hygiene and corosions. The pump body is solid and there is no source except the connection mouth.

FIELDS OF USE

- Booster Hydrophore Groups
- Industrial Applications
- Vineyard and Garden Irrigation

TECHNICAL SPECIFICATIONS

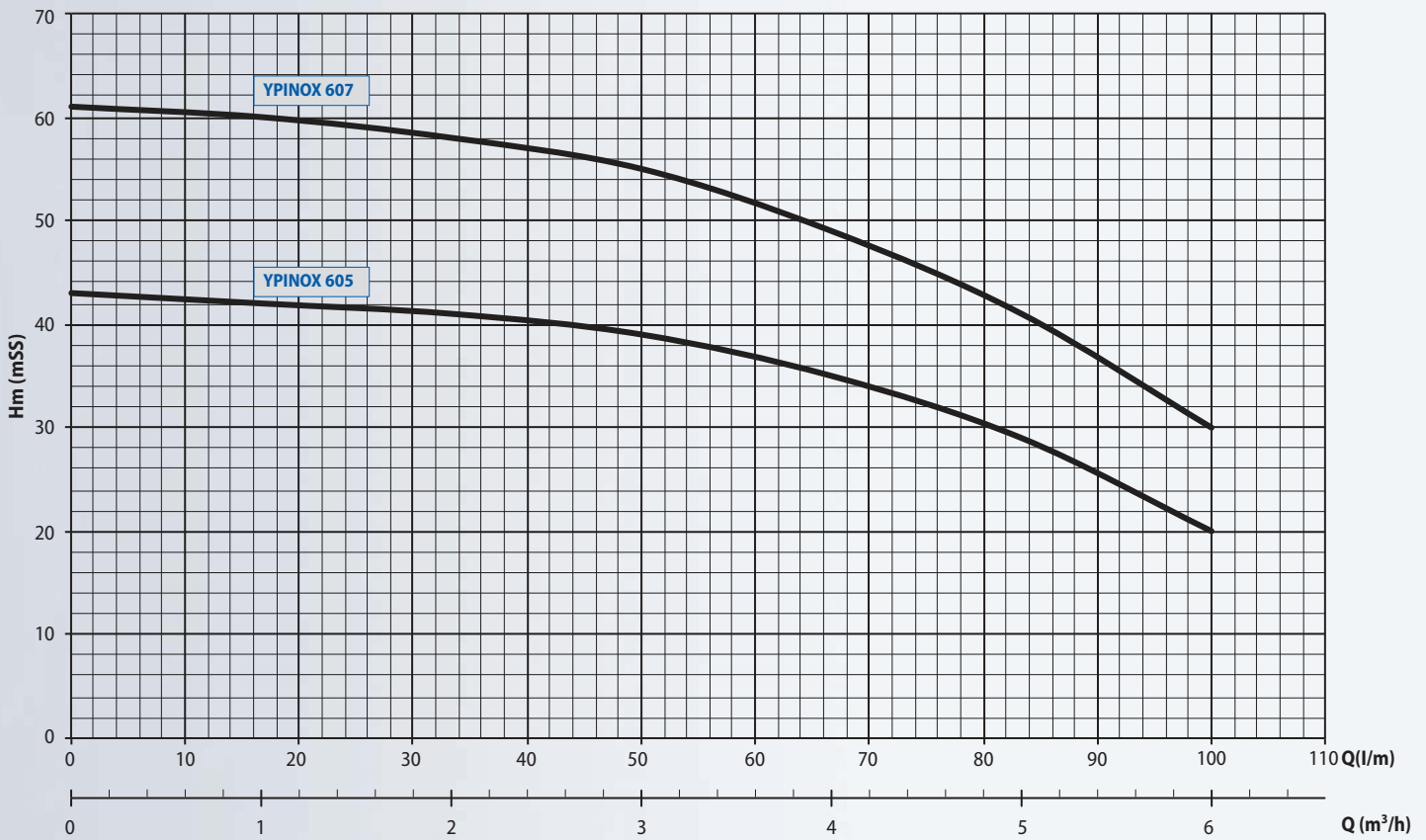
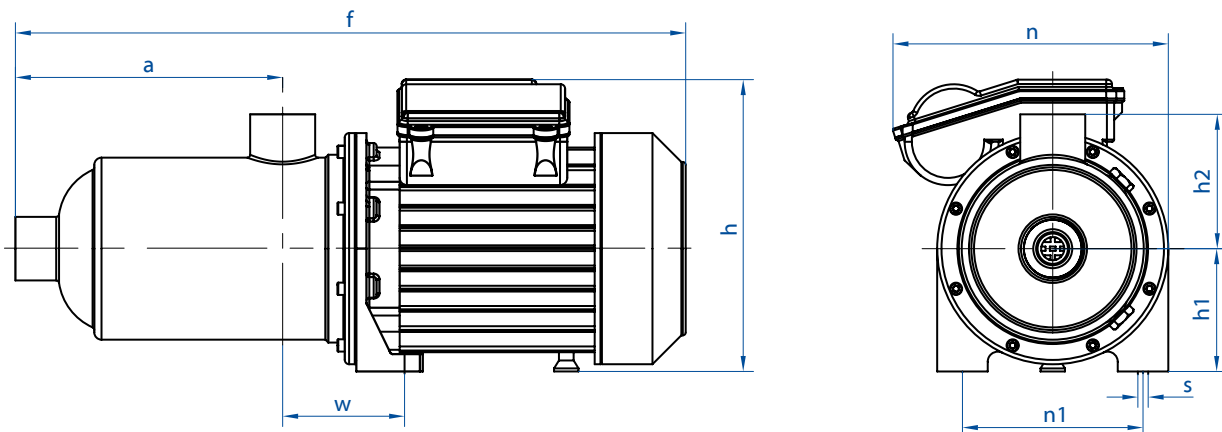
Suction mouth diameter	: 1 ¼"
Pushing mouth diameter	: 1 ¼"
Flow (Q) (max.)	: 6 m ³ /h
Suction depth (max.)	: 6 m
Discharge height (max.)	: 61 mSS
Engine speed (max.)	: 2900 r/m
Liquid fluid temperature	: 110 °C
Ambient temperature (max.)	: 40 °C
Hull pressure (max.)	: 10 bar
Hull pressure (max.)	: 220V, 50 Hz () / 380V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
AISI 304	Alüminyum	AISI 304	AISI 304	Carbon - Silicon Carbide

PERFORMANCE TABLE

Pump Type	Motor Power		Q	0	1	2	3	4	5	6
	kW	HP		m ³ /h	L/M					
YPINOX 605 T-M	0,75	1	Hm (mSS)	43	42	41	39	35	29	20
YPINOX 607 T-M	1,1	1,5		61	60	58	55	49	41	30

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTİONS
YPINOX | Multistage Horizontal Shafted Pumps, Completely Produced Of Aisi-304 Stainless Steel


Pump Type	Connection Dia.		Dimention (mm)									Weight kg
	Giriş	Çıkış	a	f	h	h1	h2	n	n1	w	s	
YPINOX 605 T-M	1 ¼"	1 ¼"	132	410	195	106	71	190	128	80	9	14
YPINOX 607 T-M	1 ¼"	1 ¼"	182	460	195	106	71	190	128	80	9	15

YPS M | Candlestick Snail Pumps

25-40-50



DESCRIPTION

YPS M series centrifugal pumps are predominantly pumps for clean water transfer, garden drainage, field drainage, drip irrigation systems, warehouse drainage and transfers between two water tanks.

FIELDS OF USE

- Water supply, irrigation, sprinkling
- Water treatment plants
- Air-conditioning facilities
- Paper and cellulose industry
- Chemical and petrochemical industry
- Power Plants

TECHNICAL SPECIFICATION

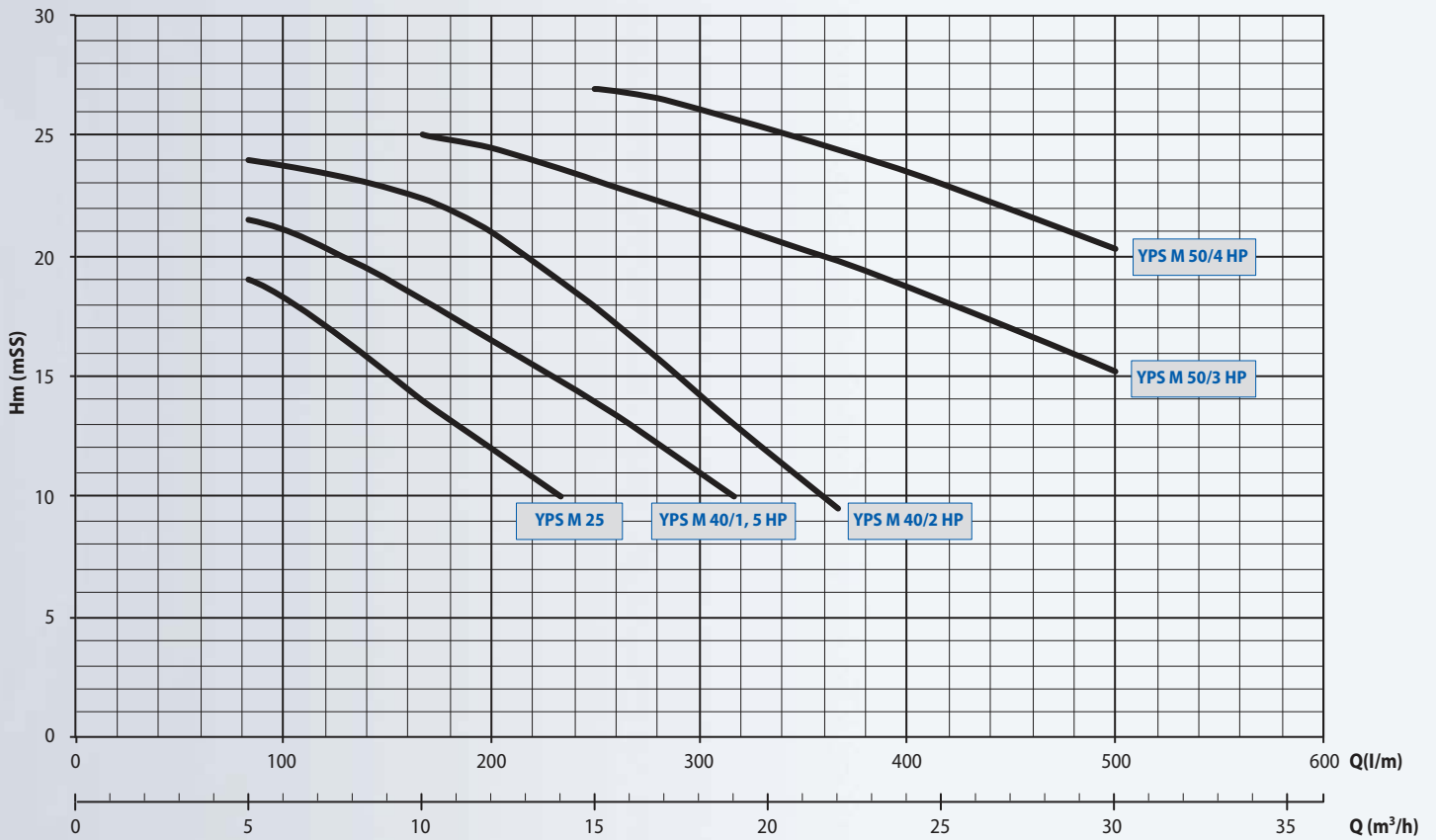
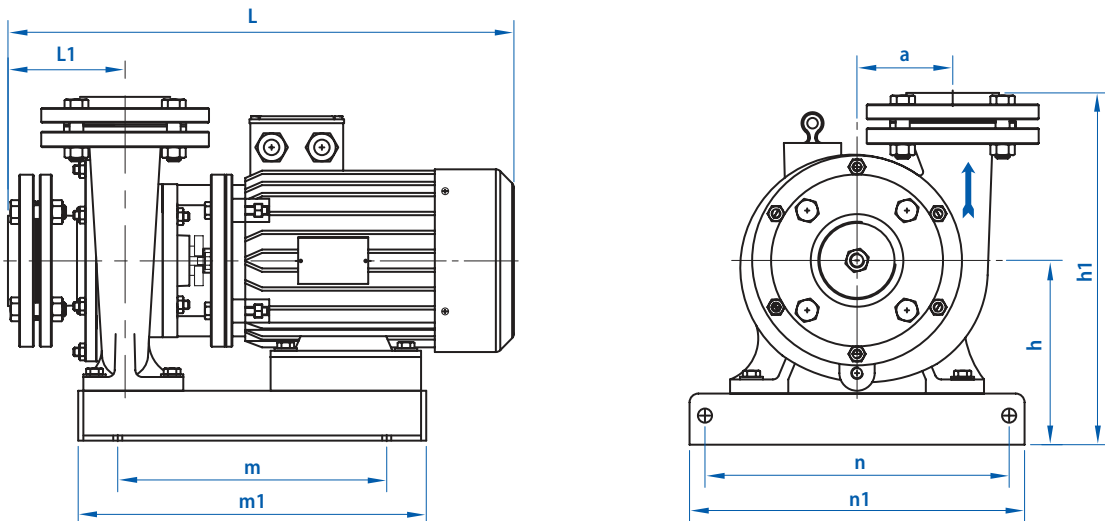
Suction Dia.	: 1" (DN 25) 2" (DN 50)
Pushing Dia.	: 1" (DN 25) 2" (DN 50)"
Flow (Q) (mas.)	: 30 m ³ /h
Pushing Height (max.)	: 27 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Ambient temp. (max.)	: 40 °C
Hull Pressure (maks.)	: 10 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANS TABLOSU

Pump Type	Motor Power		Q	m ³ /h														
	kW	HP		0	5	8	10	11	12	14	15	16	17	19	22	25	30	
YPS M 25	0,75	1	Hm (mSS)	20	19	16	14	13	12	10	-	-	-	-	-	-	-	
YPS M 40	1,1	1,5		22	-	-	-	-	-	-	14	13	12	10	-	-	-	
	1,5	2		25	24	-	-	-	12	28	27	-	-	23	-	-	-	
YPS M 50	2	3		-	-	-	25	-	-	24	23	-	22	21	-	-	-	
	3	4		-	-	-	-	-	-	-	27	-	-	-	-	23	-	

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS M | Candlestick Snail Pumps


Pump Type	Connection Dia.		Dimentions (mm)								
	Outlet	Inlet	a	h	h1	L	L1	m	m1	n	n1
YPS M 25	1" (DN 25)		70	144	278	493	110	259	348	235	260
YPS M 40	1 ½" (DN 40)		87	144	291	496	110	259	348	255	280
			87	144	291	496	110	259	348	255	280
YPS M 50	2" (DN 50)		87	156	315	512	110	306	394	275	300
			87	156	315	512	110	306	394	275	300

YPS M | Candlestick Snail Pumps

65-80



DESCRIPTION

YPS M series centrifugal pumps are predominantly pumps for clean water transfer, garden drainage, field drainage, drip irrigation systems, warehouse drainage and transfers between two water tanks.

FIELDS OF USE

- Water supply, irrigation, sprinkling
- Water treatment plants
- Air-conditioning facilities
- Paper and cellulose industry
- Chemical and petrochemical industry
- Power Plants

MATERIAL PROPERTY

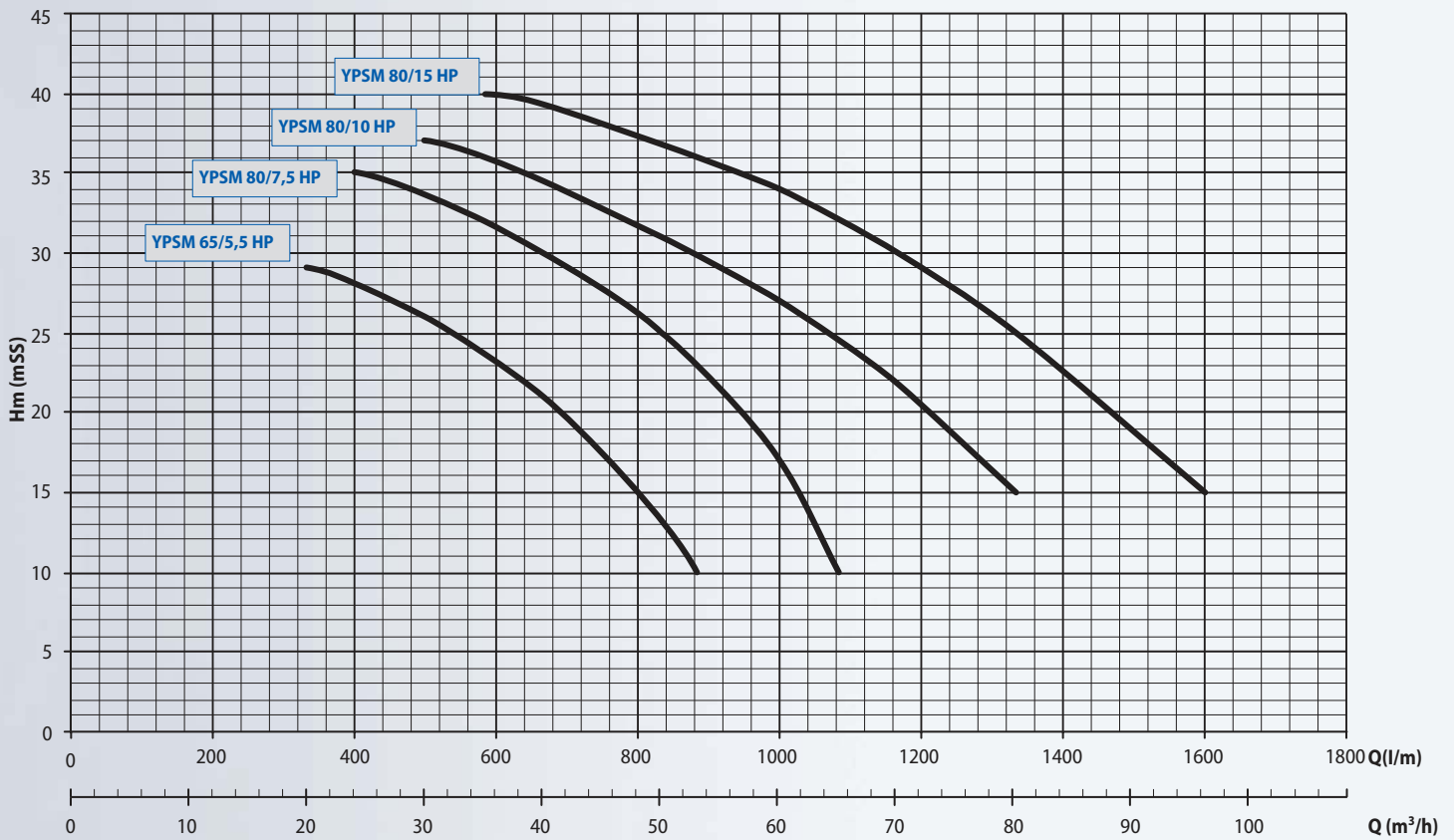
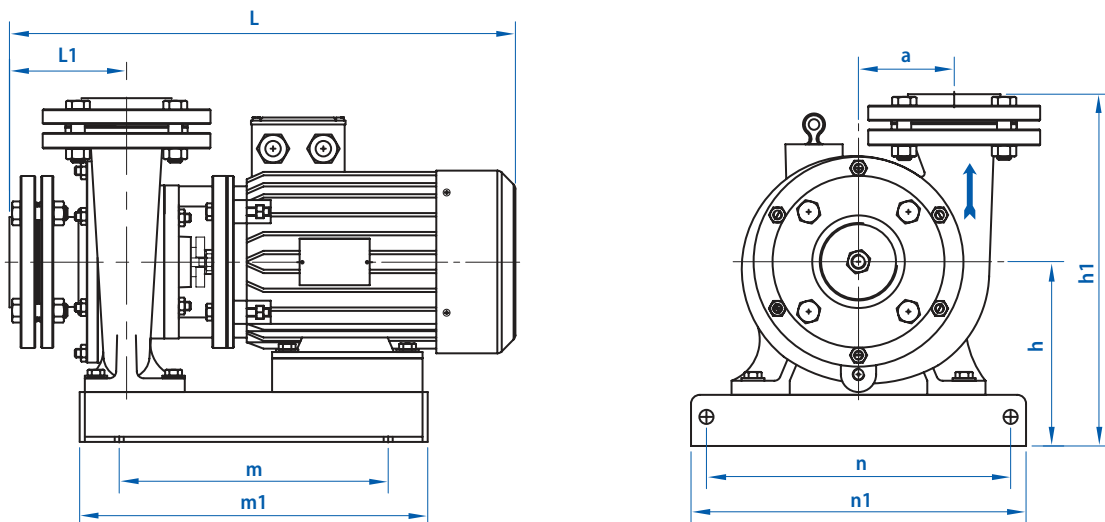
Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

TECHNICAL SPECIFICATIONS

Suction Dia.	: 2 ½" (DN 65) 3" (DN 80)
Pushing Dia.	: 2 ½" (DN 65) 3" (DN 80)
Flow (Q) (max.)	: 96 m ³ /h
Pushing Height (max.)	: 40 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Ambient temp. (max.)	: 40 °C
Hull Pressure (max.)	: 10 bar
Operation Temperature	: 380 V, 50 Hz (T)

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)														
	kW	HP		m ³ /h	0	20	24	30	35	40	50	53	60	65	70	80	96	
YPS M 65	4	5,5	L/m	0	333	400	500	583	667	833	883	-	-	-	-	1600		
		7,5	30	29	28	26	24	21	13	10	-	-	-	-	-			
YPS M 80	7,5	10	Hm (mSS)	-	-	35	33,6	32	30	25	23	17	10	-	-			
		7,5		-	-	-	37	35,9	34,5	31	30	27	24,5	21,8	15	-		
		11		-	-	-	-	40	39,3	36,8	36	34	32	30	25	15		

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS M | Candlistick Snail Pumps


Pump Type	Connection Dia.		Dimentions (mm)								
	Inlet	Outlet	a	h	h1	L	L1	m	m1	n	n1
YPS M 65	2 ½" (DN 65)		100	180	350	530	124	295	383	315	340
YPS M 80	3" (DN 80)		110	210	390	580	126	314	405	345	380
			110	210	390	580	126	314	405	345	380
			110	210	390	660	126	314	405	345	380

YPS M | candlestick snail pumps

100



DESCRIPTION

YPS M series centrifugal pumps are predominantly pumps for clean water transfer, garden drainage, field drainage, drip irrigation systems, warehouse drainage and transfers between two water tanks.

FIELDS OF USE

- Water supply, irrigation, sprinkling
- Water treatment plants
- Air-conditioning facilities
- Paper and cellulose industry
- Chemical and petrochemical industry
- Power Plants

TECHNICAL SPECIFICATIONS

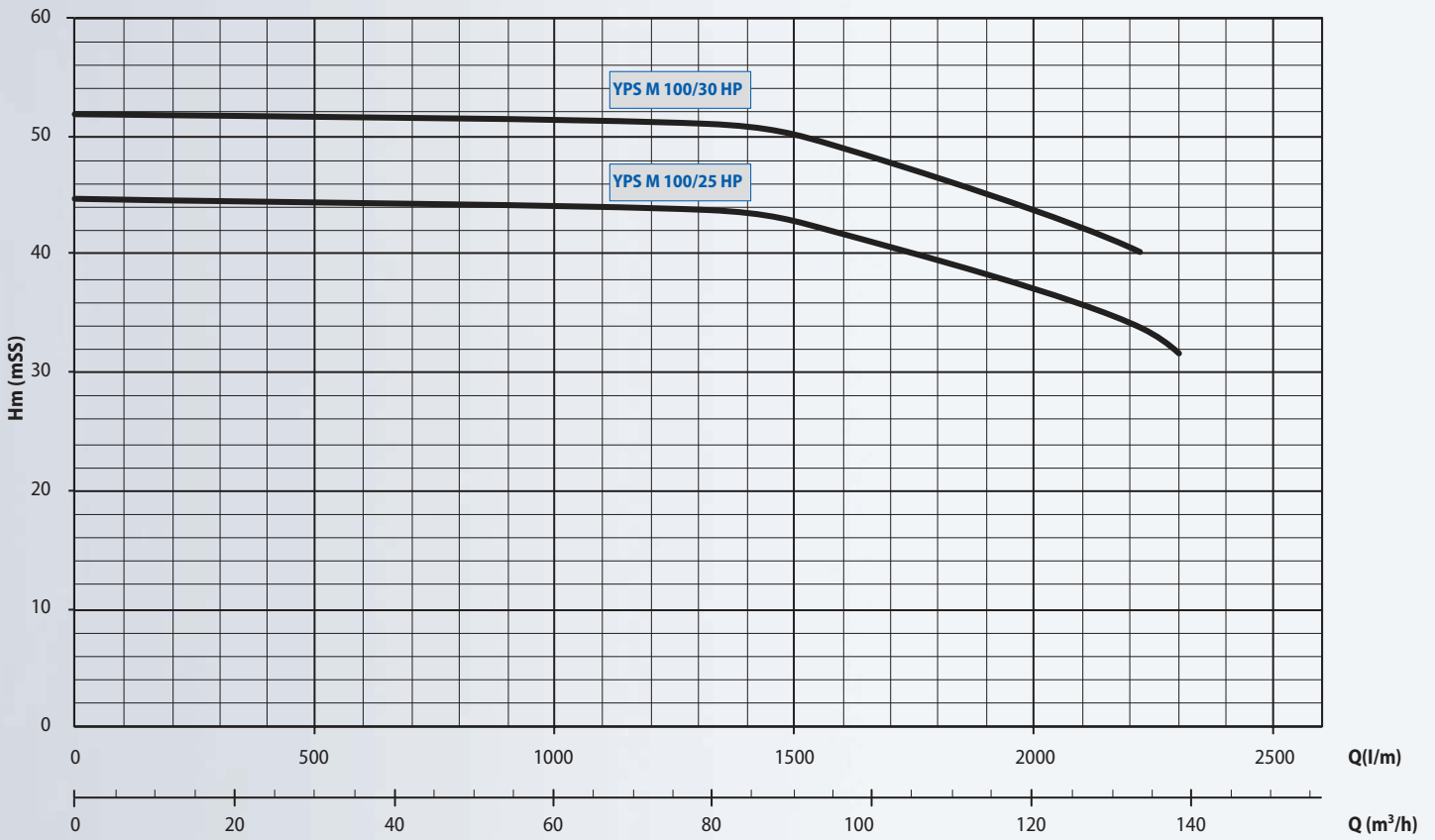
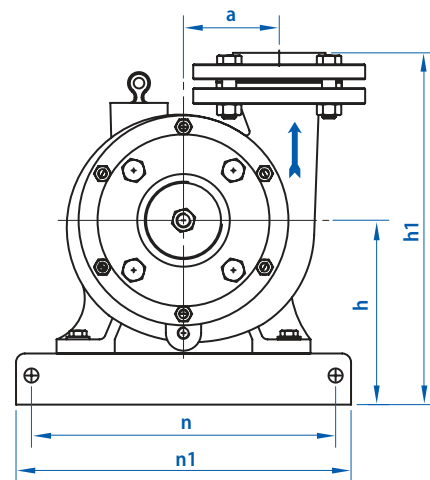
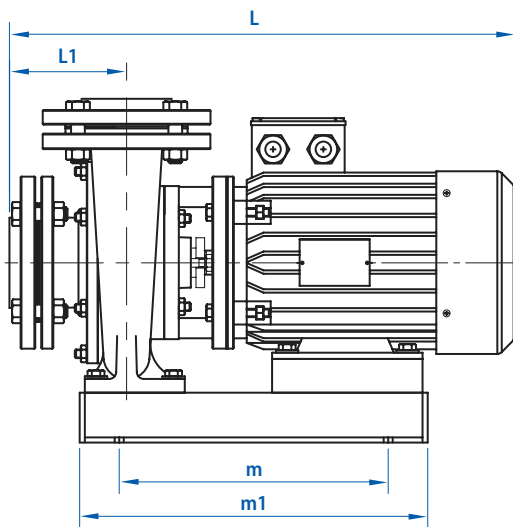
Suction Dia.	: 4"
Pushing Dia.	: 4"
Flow (Q) (max.)	: 150 m ³ /h
Pushing Height (max.)	: 51 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10 °C (min.) /+140 °C (max.)
Ambient (max.)	: 40 °C
Hull Pressure (max.)	: 10 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

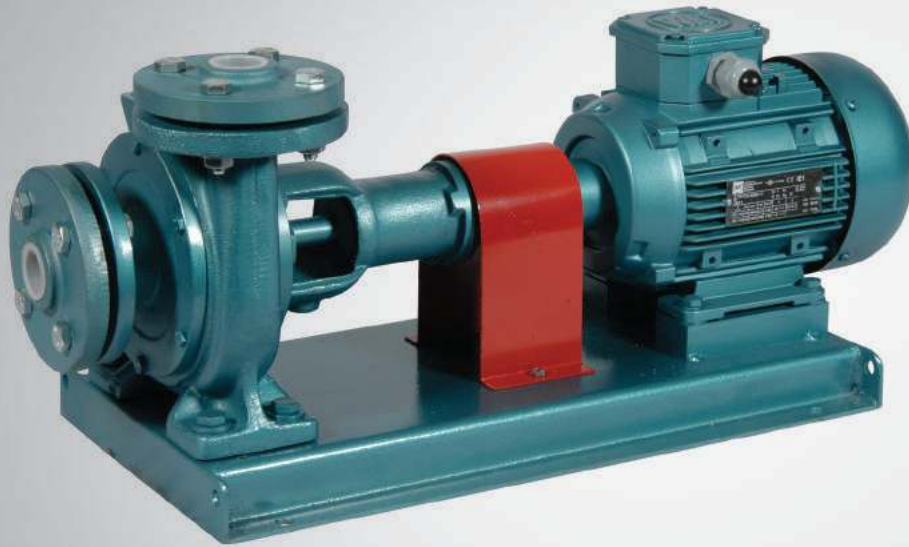
Motor Type	Motor Power		Q	Hm (mSS)							
	kW	HP		m ³ /h	L/m	0	80	96	135	146	150
YPS M 100	18,5	25	0	0	1333	1600	2250	2433	2500		
	22	30	43	51	42	40	31	22,2	15		
					50	48	38	30	20		

PERFORMANCE CURV $n_s=3000$ r/m

DIMENSIONS
YPS M | Candlestick Snail Pumps


Pump Type	Connection Dia.		Dimensions (mm)								
	Inlet	Outlet	a	h	h1	L	L1	m	m1	n	n1
YPS M 100	4" (DN 100)		145	220	424	770	142	505	597	390	425
			145	240	430	803	142	548	640	390	425

YPS K | Coupling Snail Pumps

25-40-50



DESCRIPTION

YPS M series centrifugal pumps are predominantly pumps for clean water transfer, garden drainage, field drainage, drip irrigation systems, warehouse drainage and transfers between two water tanks.

FIELDS OF USE

- Water supply, irrigation, sprinkling
- Water treatment plants
- Air-conditioning facilities
- Paper and cellulose industry
- Chemical and petrochemical industry
- Power Plants
- Fire Fighting Systems

TECHNICAL SPECIFICATION

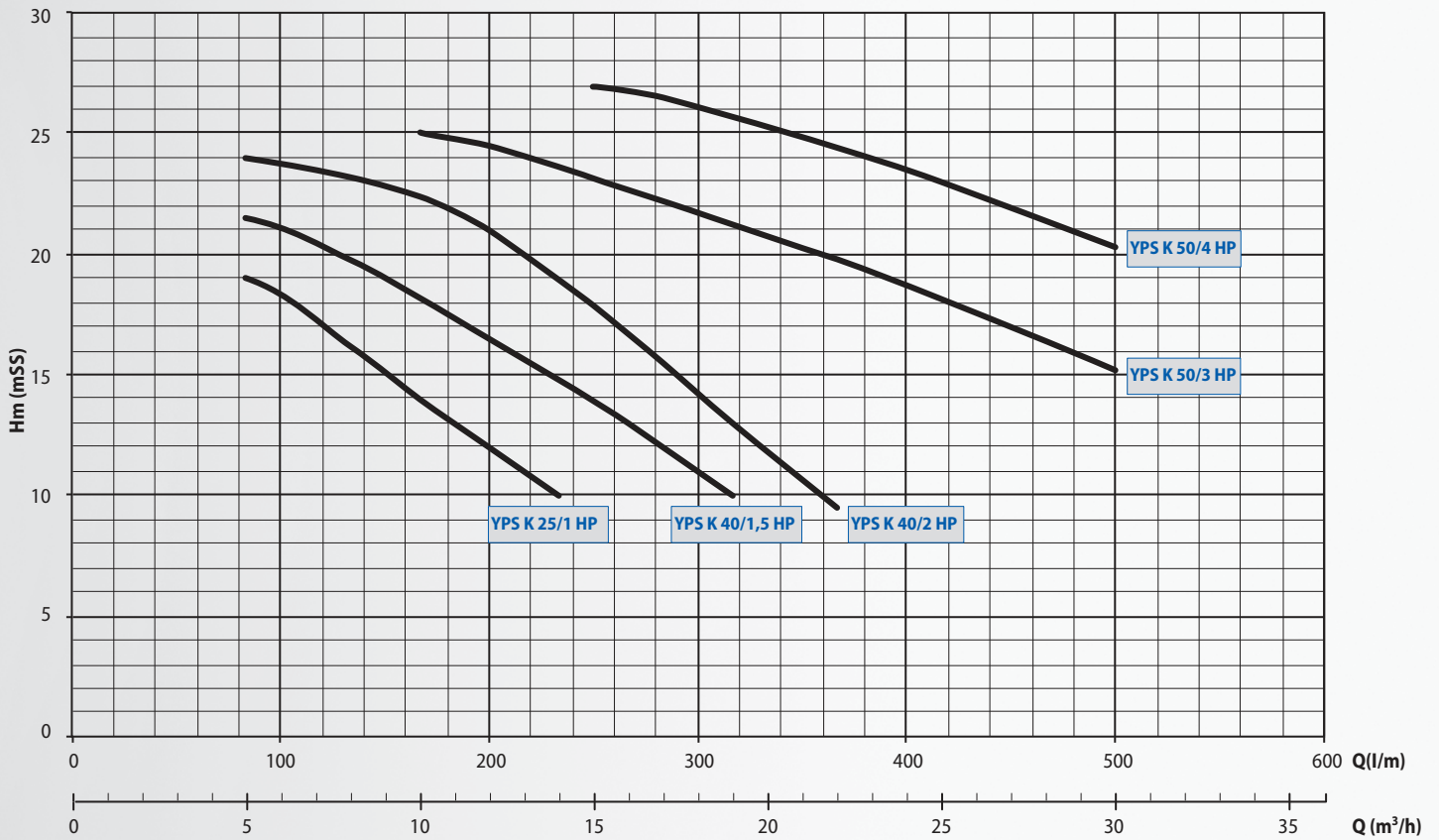
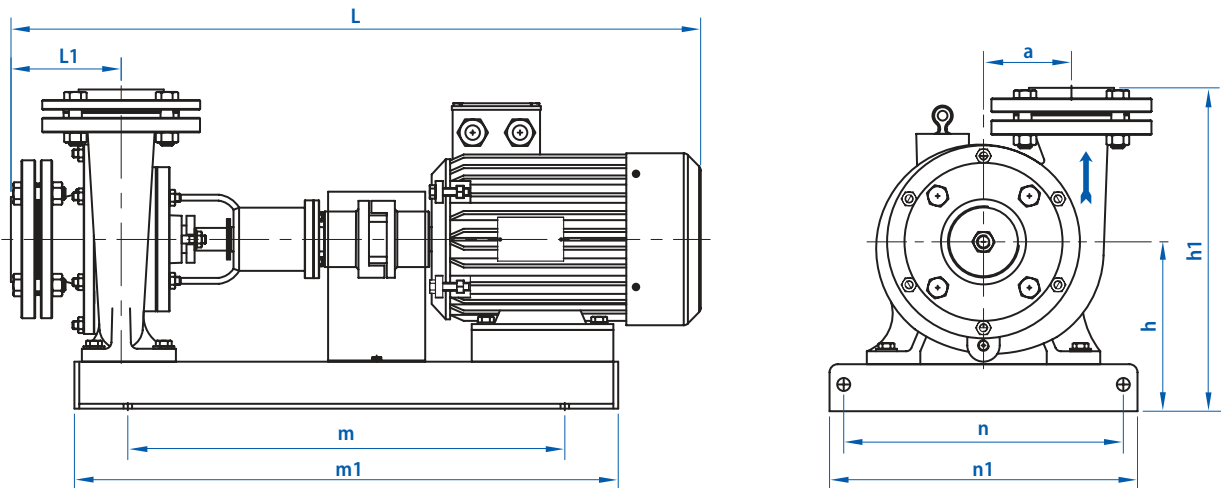
Suction Dia.	: 2 1/2" (DN 65) 3" (DN 80)
Pushing Dia.	: 2 1/2" (DN 65) 3" (DN 80)
Flow (Q) (max.)	: 96 m ³ /h
Pushing Height (max.)	: 40 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Ambient Temp. (max.)	: 40 °C
Hull Pressure (max.)	: 10 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

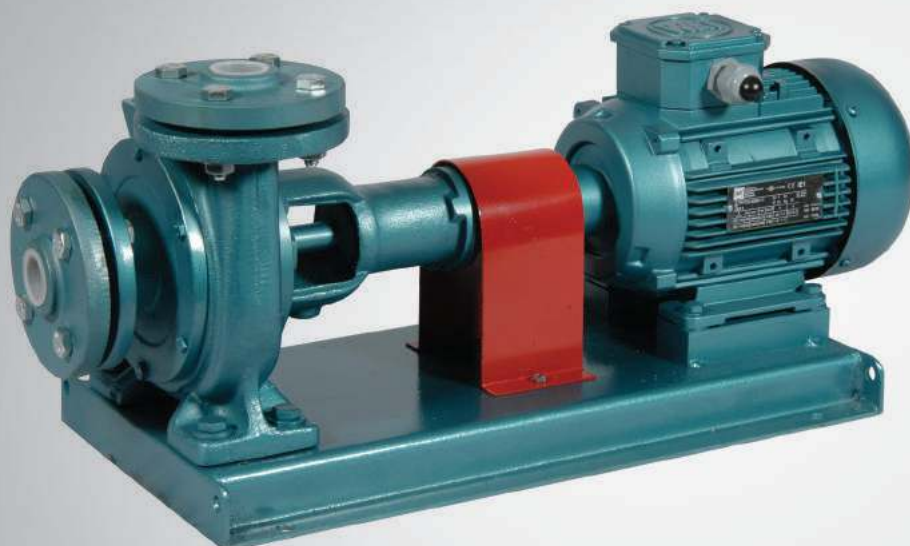
Pump Type	Motor Power		Q	Hm (mSS)															
	kW	HP		m ³ /h	0	5	8	10	11	12	14	15	16	17	19	22	25	30	
YPS K 25	0,75	1	L/m	0	83	133	167	183	200	233	250	267	283	317	367	417	500		
YPS K 40	1,1	1,5		20	19	16	14	13	12	10	-	-	-	-	-	-	-		
	1,5	2		22	21,5	19,7	18,2	17,3	16,5	14,8	14	13	12	10	-	-	-		
YPS K 50	2,2	3		25	24	23,2	22,4	21,8	21	19	17,8	16,7	15,5	13	9,5	-	-		
	3	4		-	-	-	25	24,7	24,5	23,6	23	22,5	22	21	19,8	18,3	15,2		
				-	-	-	-	-	-	-	27	26,8	26,5	25,7	24,5	23	20,3		

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS K | Coupling Snail Pumps


Pump Type	Connection Dia.		Dimensions (mm)									Weight kg
	Inlet	Outlet	a	h	h1	L	L1	m	m1	n	n1	
YPS K 25	1" (DN 25)		70	144	278	652	110	420	508	235	260	35
YPS K 40	1 1/2" (DN 40)		87	144	291	654	110	420	508	255	280	41
			87	144	291	654	110	420	508	255	280	55
YPS K 50	2" (DN 50)		87	156	315	730	110	420	622	275	300	65
			87	156	315	730	110	420	622	275	300	70

YPS K | Coupling Snail Pumps

65-80



DESCRIPTION

YPS M series centrifugal pumps are predominantly pumps for clean water transfer, garden drainage, field drainage, drip irrigation systems, warehouse drainage and transfers between two water tanks.

FIELDS OF USE

- Water supply, irrigation, sprinkling
- Water treatment plants
- Air-conditioning facilities
- Paper and cellulose industry
- Chemical and petrochemical industry
- Power Plants
- Fire Fighting Systems

TECHNICAL SPECIFICATIONS

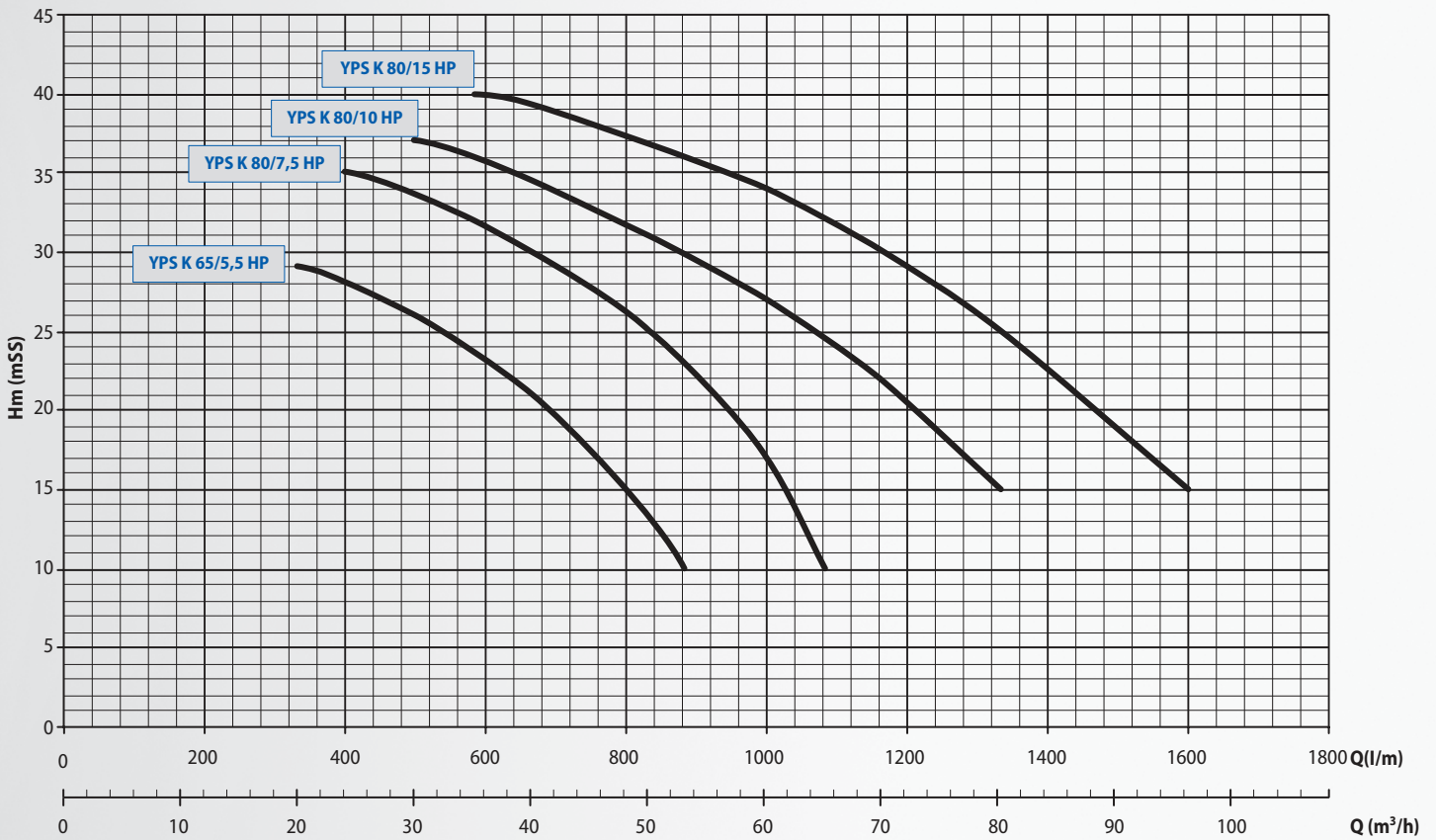
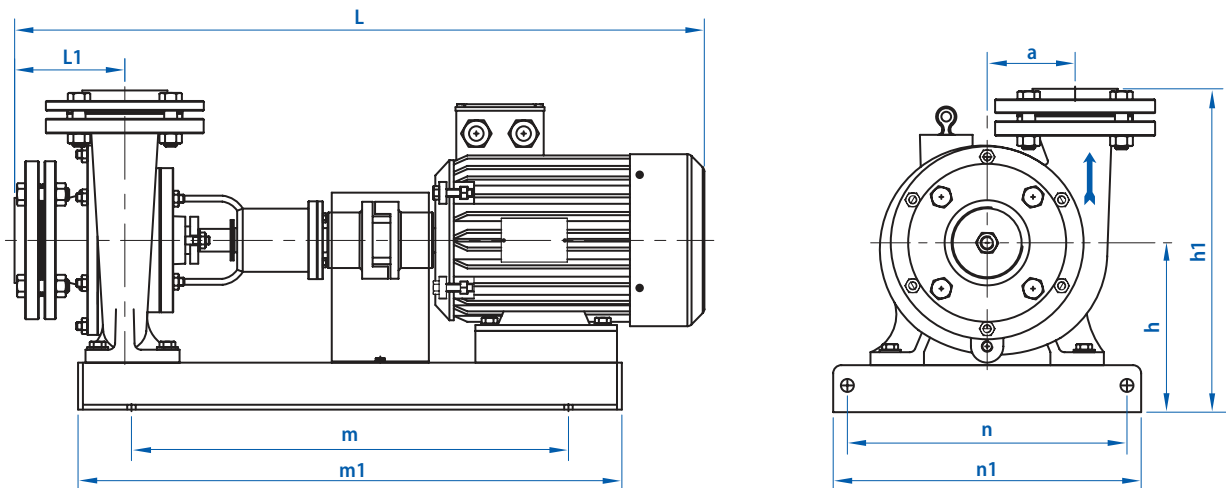
Suction Dia.	: 2 1/2" (DN 65) 3" (DN 80)
Pushing Dia.	: 2 1/2" (DN 65) 3" (DN 80)
Flow (Q) (max.)	: 96 m ³ /h
Pushing Height (max.)	: 40 mSS
Motor Speed (maks.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Ambient Tem. (max.)	: 40 °C
Hull Pressure (maks.)	: 10 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANS TABLOSU

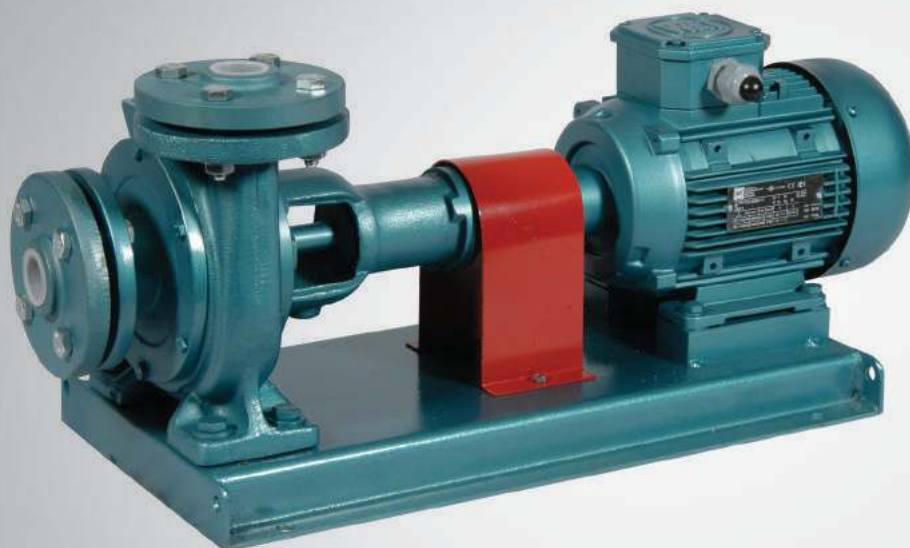
Pump Type	Motor Power		Q	m ³ /h														
	kW	HP		0	20	24	30	35	40	50	53	60	65	70	80	96		
YPS K 65	4	5,5	Hm (mSS)	0	333	400	500	583	667	833	883	1000	1083	1167	1333	1600		
	5,5	7,5		30	29	28,3	27	25	22,2	14	10	-	-	-	-	-		
YPS K 80	7,5	10		-	-	35	33,7	32	30	25	23	17	10	-	-	-		
	11	15		-	-	-	37	35,8	34,3	31	30	27	24,8	22	15	-		
	-	-		-	-	-	-	-	39,5	37	36	34	32	30	25	15		

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS K | Coupling Snail Pumps


Pump Type	Connection Dia.		Dimensions (mm)								Weight kg	
	Inlet	Outlet	a	h	h1	L	L1	m	m1	n		n1
YPS K 65	2 1/2" (DN 65)		100	180	350	784	124	540	630	315	340	78
YPS K 80	3" (DN 80)		110	210	390	854	136	610	672	345	380	85
			110	210	390	854	136	610	672	345	380	95

YPS K | Coupling Snail Pumps

100



DESCRIPTION

YPS M series centrifugal pumps are predominantly pumps for clean water transfer, garden drainage, field drainage, drip irrigation systems, warehouse drainage and transfers between two water tanks.

FIELDS OF USE

- Water supply, irrigation, sprinkling
- Water treatment plants
- Air-conditioning facilities
- Paper and cellulose industry
- Chemical and petrochemical industry
- Power Plants
- Fire Fighting Systems

TECHNICAL SPECIFICATIONS

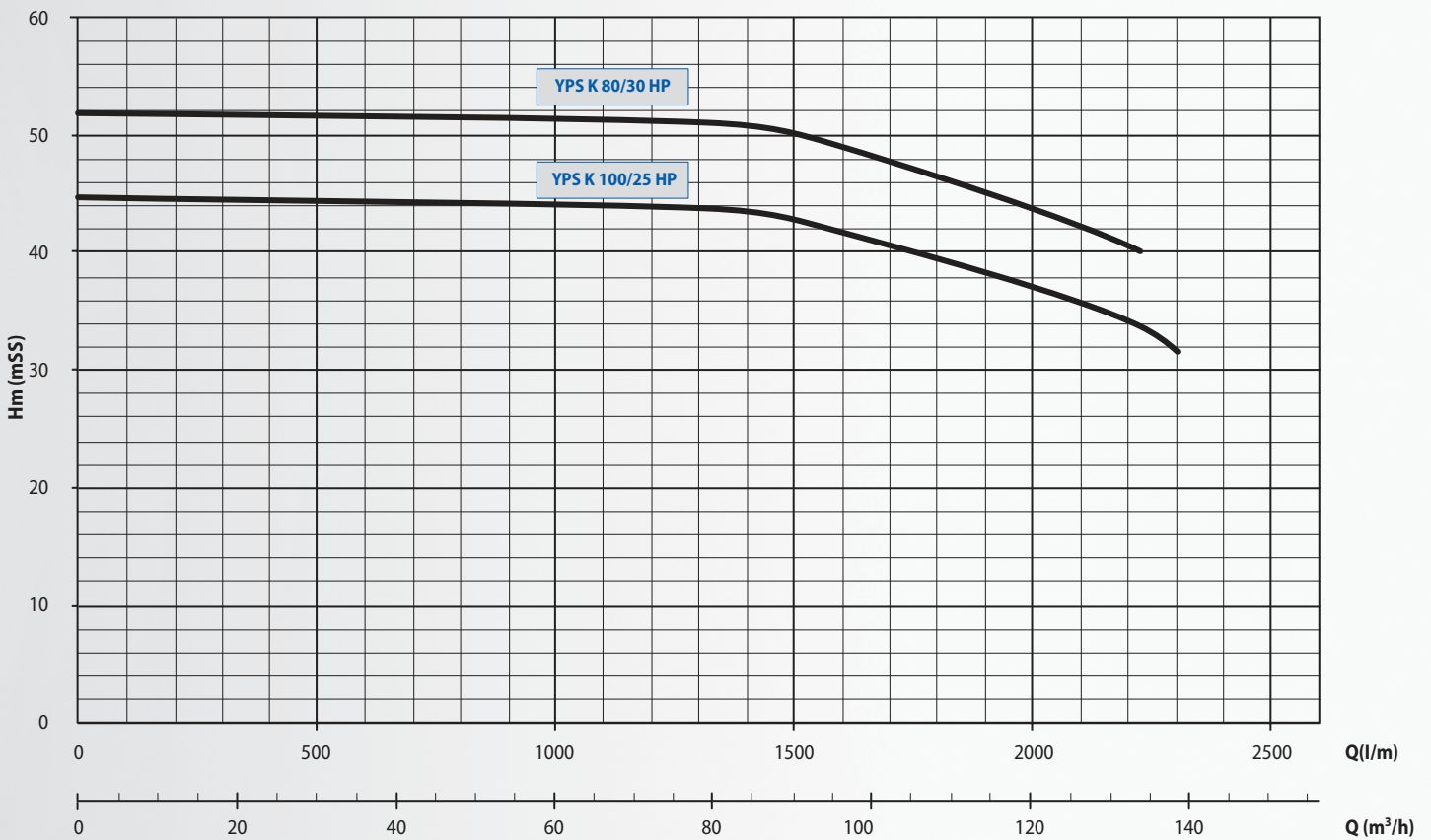
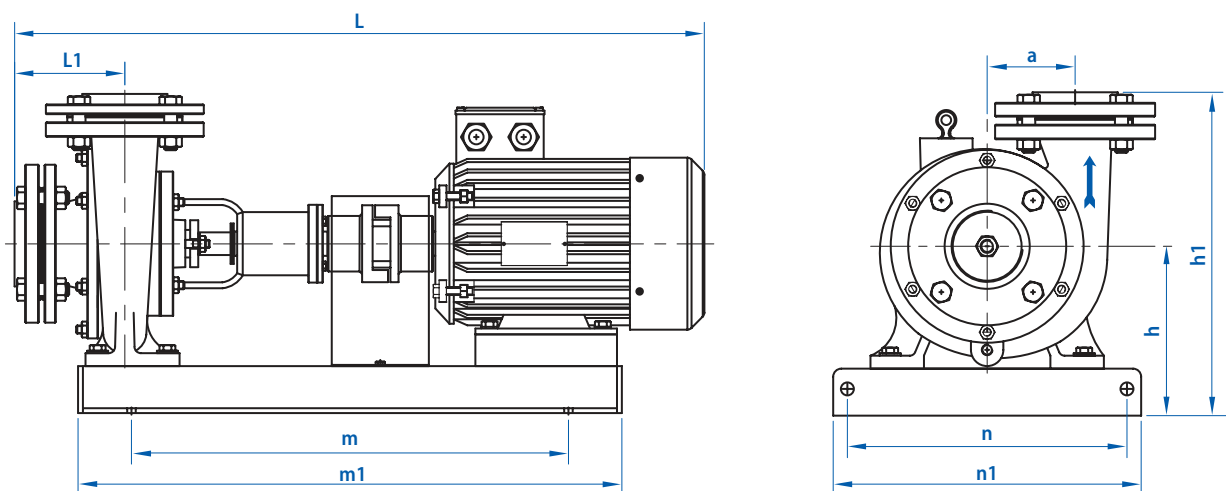
Suction Dia.	: 4"
Pushing Dia.	: 4"
Flow (Q) (max.)	: 140 m ³ /h
Pushing Height (max.)	: 51 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Ambient Temp. (max.)	: 40 °C
Hull Pressure (max.)	: 10 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	Mechanical Seal
Cast Iron	Aluminum	Cast Iron	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)					
	kW	HP		0	80	96	135	146	150
YPS K 100	18,5	25	m ³ /h	0	80	96	135	146	150
	22	30	L/m	0	1333	1600	2250	2433	2500
			Hm (mSS)	43	42	40	31	22	15
				51	50	48	38	30	20

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS K | Coupling Snail Pumps


Pump Type	Connection Dia.		Dimensions (mm)									Weight kg
	Inlet	Outlet	a	h	h1	L	L1	m	m1	n	n1	
YPS K 100	4" (DN 100)		145	220	424	1080	142	830	922	390	425	
			145	240	430	1130	142	874	966	390	425	

YNP

50-125

Single Stage , Horizontal Shafted Centrifugal Pumps(Ts En 733)



Description

YNP series centrifugal pumps, ideal for use mainly in the clean water transfer, garden, field, release and discharge of tank irrigation and drip irrigation systems and in transfer between two tanks.

FIELDS OF USE

- Water supply, agricultural irrigation, sprinkler
- Water treatment facilities
- Air-conditioning system facilities
- Paper and pulp industry
- Cooling and heating facilities
- Chemical and petrochemical industry
- Power stations
- Firefighting extinguishing systems

Material Property

Pump Hull	Motor Hull	Wheel	Pump Shaft	impermeability
Cast Iron	Aluminum	Cast Iron	AISI 420	Soft / Mechanic

Not: Değişik malzeme alternatifleri için firmamıza müracaat ediniz.

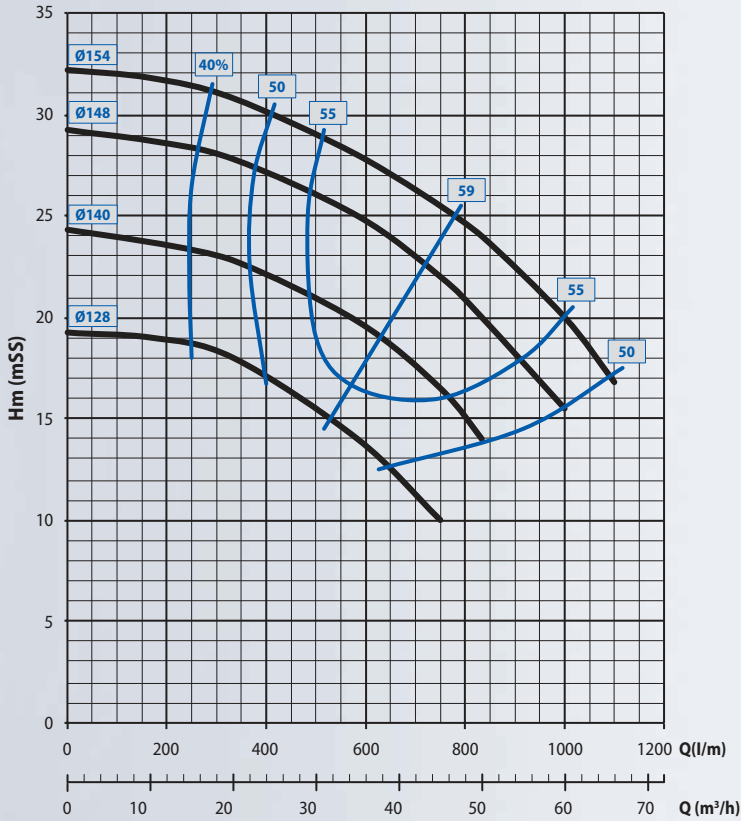
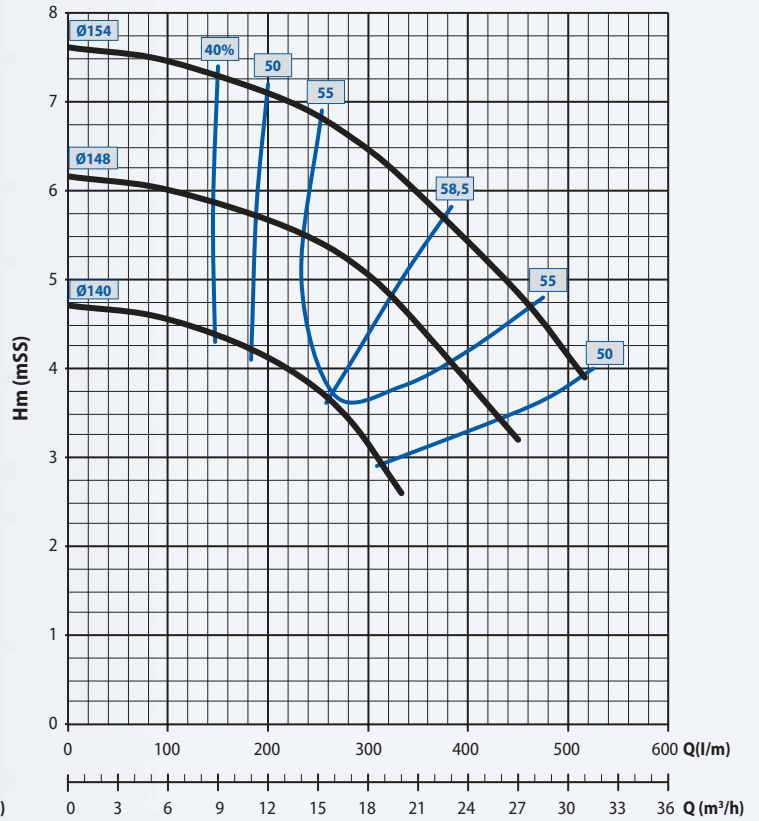
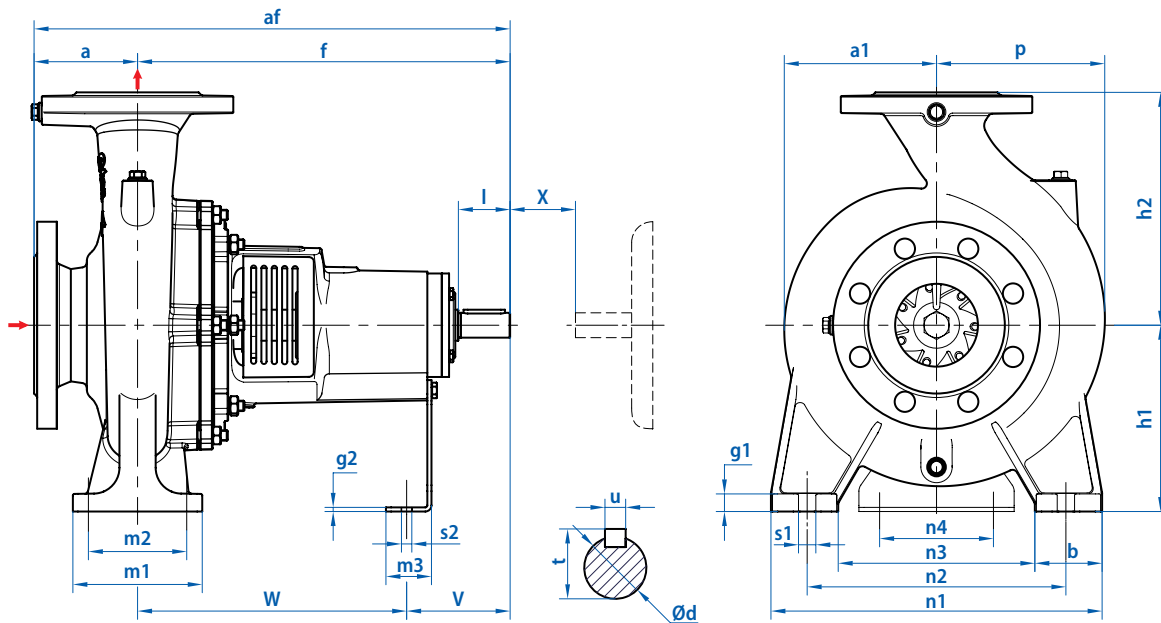
Mechanical Specification

Suction mouth diameter	: 2 1/2" (DN 65)
Pushing diameter	: 2" (DN 50)
Flow (Q) (max.)	: 66 m ³ /h
Pushing height (max.)	: 32 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: -10°C (min.) /+140 °C (max.)
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 16 bar
Operating voltage	: 380 V, 50 Hz (T)

Performance Table

3000 r/m	Pump Type	Motor Power		Q											
		kW	HP		m ³ /h	0	10	20	35	45	50	60	66		
	YNP 50-125	3	4	L/M	0	167	333	583	750	833	1000	1100	Hm (mSS)		
	4	5,5		19,2	19,0	18,0	14,0	10,0							
	5,5	7,5		24,3	23,7	22,8	19,8	16,5	14,0						
	7,5	10		29,2	28,7	27,8	25,0	22,0	20,0	15,5					
				32,2	31,8	30,8	28,0	25,4	24,0	20,0	16,8				

1500 r/m	Pump Type	Motor Power		Q											
		kW	HP		m ³ /h	0	5	10	14	17	20	27	31		
	SNP 50/125	0,37	0,55	L/M	0	83	167	233	283	333	450	517	Hm (mSS)		
	0,55	0,75		4,7	4,6	4,3	3,9	3,4	2,6						
	0,75	1		6,2	6,1	5,8	5,5	5,2	4,7	3,2					
				7,6	7,5	7,2	6,9	6,6	6,2	4,9	3,9				

PERFORMANCE CURVE
 $n_s=3000$ r/m / 2 poles Motor, 50 Hz

 $n_s=1500$ r/m / 4 poles Motor, 50 Hz

DİMENTİONS
YNP Single Stage, Horizontal Shafted Centrifugal Pumps (Ts En 733)


Pump Type	Connection Dia.		Only Pumps Dimentions (mm)																									
	Inlet	Outlet	a*	b*	d*	f*	af	g1	g2	h1*	h2*	l*	m1*	m2*	m3*	n1*	n2*	n3*	n4	s1*	s2*	a1	p	t	u	v	w*	x*
YNP 50-125	2 1/2" (DN 65)	2" (DN 50)	100	50	24	360	460	18	4	132	160	50	100	70	48	240	190	140	110	14	14	110	126	27	8	100	260	100

* TS EN 733 standard.

YNP 50-200

Single Stage , Horizontal Shafted Centrifugal Pumps (Ts En 733)



DESCRIPTION

YNP series centrifugal pumps, ideal for use mainly in the clean water transfer, garden, field, release and discharge of tank irrigation and drip irrigation systems and in transfer between two tanks.

FIELDS OF USE

- Water supply, agricultural irrigation, sprinkler
- Water treatment facilities
- Air-conditioning system facilities
- Paper and pulp industry
- Cooling and heating facilities
- Chemical and petrochemical industry
- Power stations
- Firefighting extinguishing systems

TECHNICAL SPECIFICATIONS

Suction mouth diameter	: 2 ½" (DN 65)
Pushing diameter	: 2" (DN 50)
Flow (Q) (max.)	: 100 m ³ /h
Pushing height (max.)	: 68 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: -10°C (min.) /+140 °C (max.)
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 16 bar
Operating voltage	: 380V, 50 Hz (T)

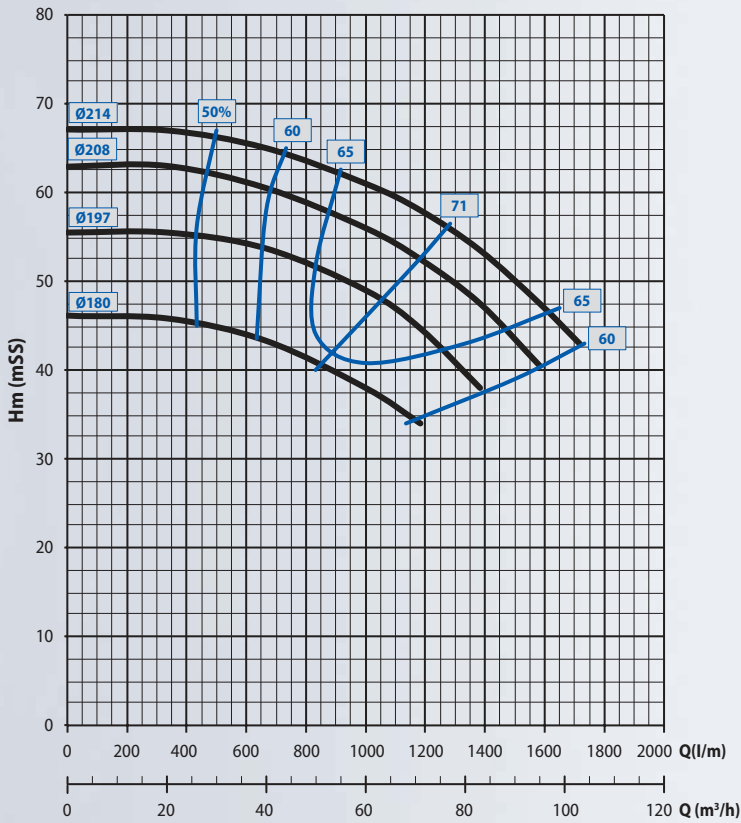
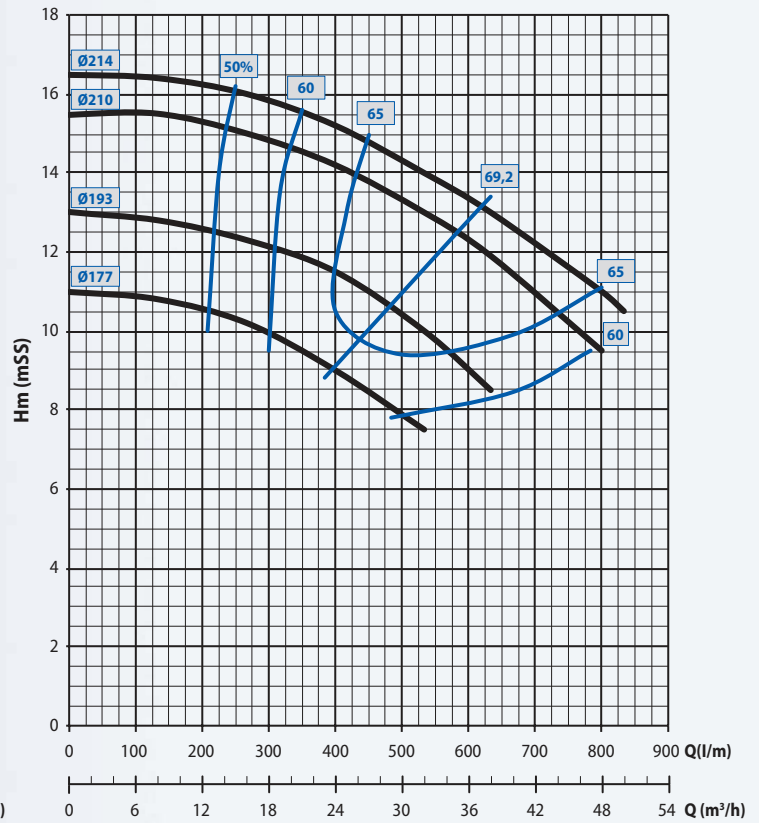
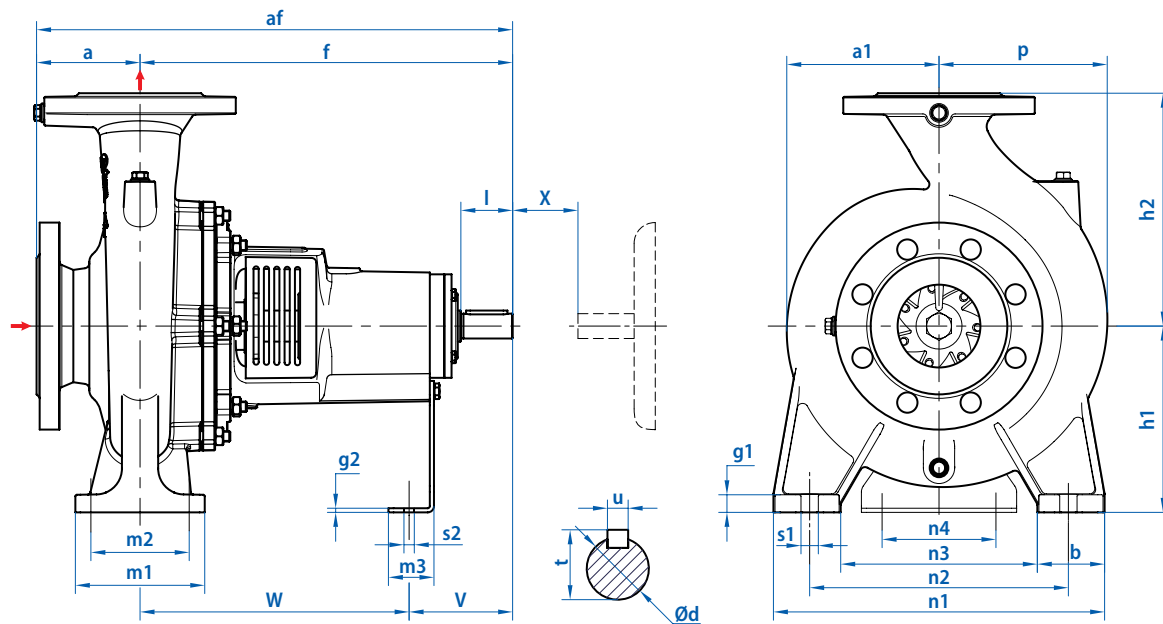
MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	impermeability
Cast Iron	Aluminum	Cast Iron	AISI 420	Soft / Mechanic

PERFORMANCE TABLE

3000 r/m	Pump Type	Motor Power		Q	m ³ /h							
		kW	HP		0	20	40	60	71	83	95	103
	YNP 50-200	11	15	Hm (mSS)	46,0	45,8	43,3	38,0	34,0			
	15	20	55,5		55,5	53,7	49,0	44,7	38,0			
	18,5	25	63,0		63,0	60,5	56,0	52,5	47,5	40,5		
	22	30	67,0		67,0	65,0	61,0	58,0	53,5	47,5	43,0	

1500 r/m	Pump Type	Motor Power		Q	m ³ /h							
		kW	HP		0	8	16	24	32	38	48	50
	YNP 50-200	1,1	1,5	Hm (mSS)	11,0	10,8	10,2	9,0	7,5			
	1,5	2	13,0		12,8	12,3	11,5	10,0	8,5			
	2,2	3	15,5		15,5	15,0	14,2	13,0	11,9	9,5		
	3	4	16,5		16,4	16,0	15,2	14,0	13,0	11,0	10,5	

PERFORMANCE CURVE
 $n_s=3000$ r/m / 2 poles Motor, 50 Hz

 $n_s=1500$ r/m / 4 poles Motor, 50 Hz

DIMENSIONS
YNP Single Stage, Horizontal Shafted Centrifugal Pumps (Ts En 733)


Pump Type	Connection Dia.		Only Pump Dimensions (mm)																									
	Inlet	Outlet	a*	b*	d*	f*	af	g1	g2	h1*	h2*	l*	m1*	m2*	m3*	n1*	n2*	n3*	n4	s1*	s2*	a1	p	t	u	v	w*	x*
SNP 50-200	2 1/2" (DN 65)	2" (DN 50)	100	50	24	360	460	18	4	160	200	50	100	70	48	265	212	165	110	14	14	139	155	27	8	100	260	100

* TS EN 733 standard.

YNP 50-250

Single Stage , Horizontal Shafted Centrifugal Pumps(Ts En 733)



Description

YNP series centrifugal pumps, ideal for use mainly in the clean water transfer, garden, field, release and discharge of tank irrigation and drip irrigation systems and in transfer between two tanks.

FIELDS OF USE

- Water supply, agricultural irrigation, sprinkler
- Water treatment facilities
- Air-conditioning system facilities
- Paper and pulp industry
- Cooling and heating facilities
- Chemical and petrochemical industry
- Power stations
- Firefighting extinguishing systems

TECHNICAL SPECIFICATIONS

Suction mouth diameter	: 2 ½" (DN 65)
Pushing diameter	: 2" (DN 50)
Flow (Q) (max.)	: 114 m ³ /h
Pushing height (max.)	: 94 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: -10°C (min.) / +140 °C (max.)
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 16 bar
Operating voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

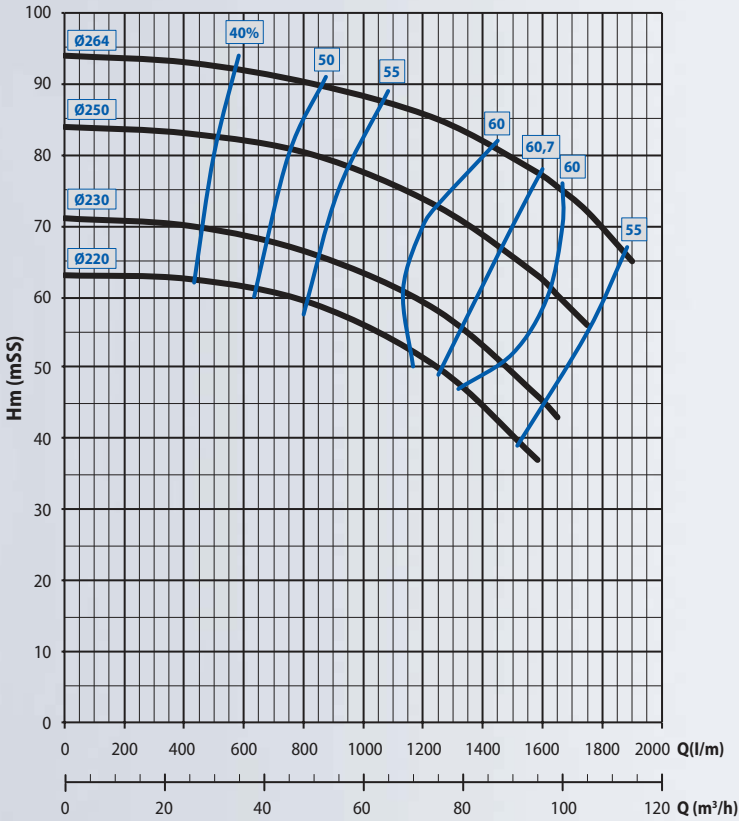
Pump Hull	Motor Hull	Wheel	Pump Shaft	impermeability
Cast Iron	Aluminum	Cast Iron	AISI 420	Soft / Mechanic

PERFORMANCE TABLE

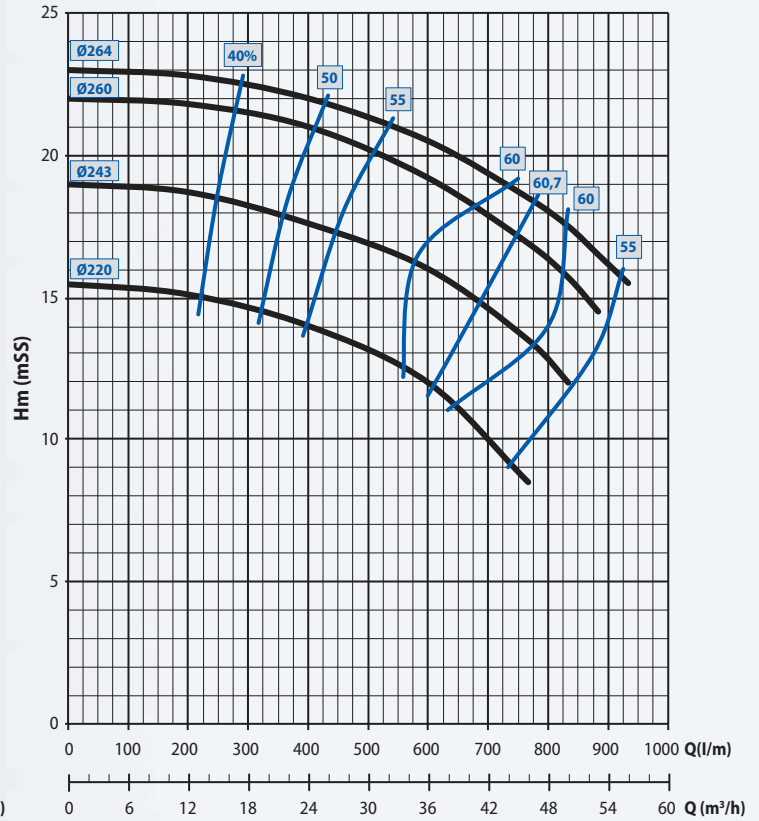
3000 r/m	Pump Type	Motor Power		Q	m ³ /h																				
		kW	HP		0	25	50	75	95	99	105	114													
	YNP 50-250	18,5	25	0	417	833	1250	1583	1650	1750	1900														
3000 r/m	YNP 50-250	Hm (mSS)	22	30	63,0	62,5	59,0	50,0	37,0																
			30	40	71,0	70,0	66,0	58,0	46,0	43,0															
			37	50	84,0	83,0	80,0	72,7	63,0	60,2	56,0														
					94,0	93,0	90,0	85,0	77,5	75,5	72,0	65,0													
1500 r/m	Pump Type	Motor Power		Q	m ³ /h																				
		kW	HP		0	12	24	36	46	50	53	56													
	YNP 50-250	2,2	3	0	200	400	600	767	833	883	933														
1500 r/m	YNP 50-250	Hm (mSS)	3	4	15,5	15,1	14,0	12,0	8,5																
			4	5,5	19,0	18,7	17,6	16,0	13,5	12,0															
			5,5	7,5	22,0	21,8	21,0	19,2	16,9	15,7	14,5														
					23,0	22,8	22,0	20,5	18,5	17,5	16,5	15,5													

PERFORMANCE CURVE

$n_s=3000$ r/m / 2 Poles Motor, 50 Hz

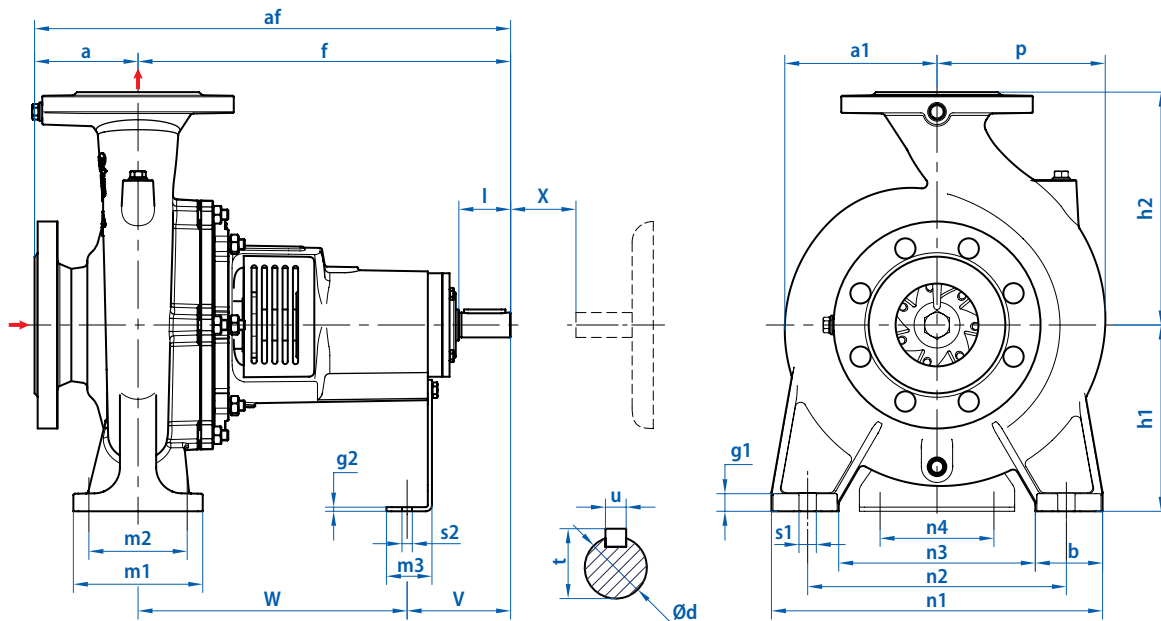


$n_s=1500$ r/m / 4 Poles Motor, 50 Hz



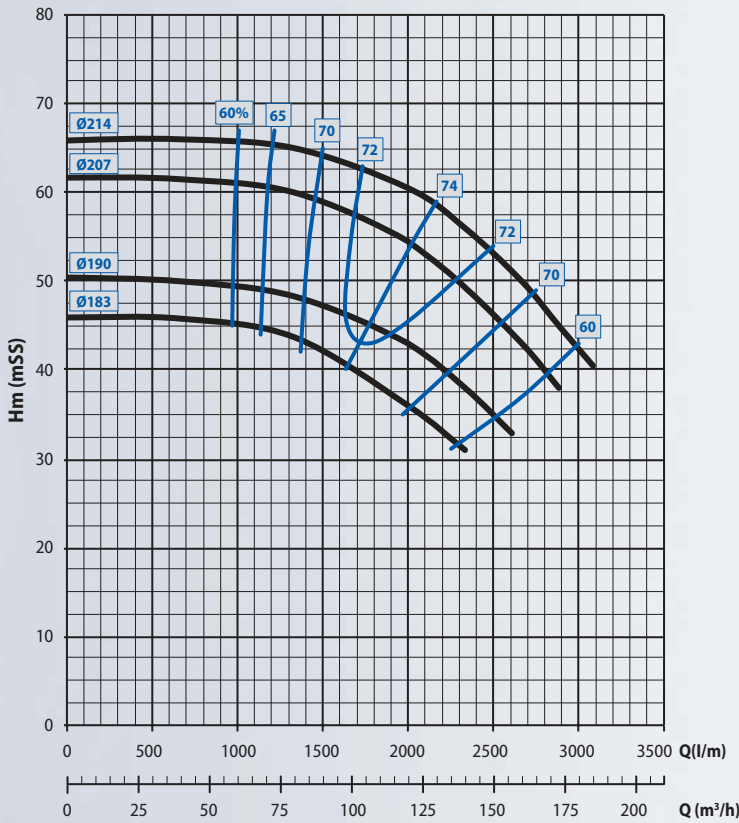
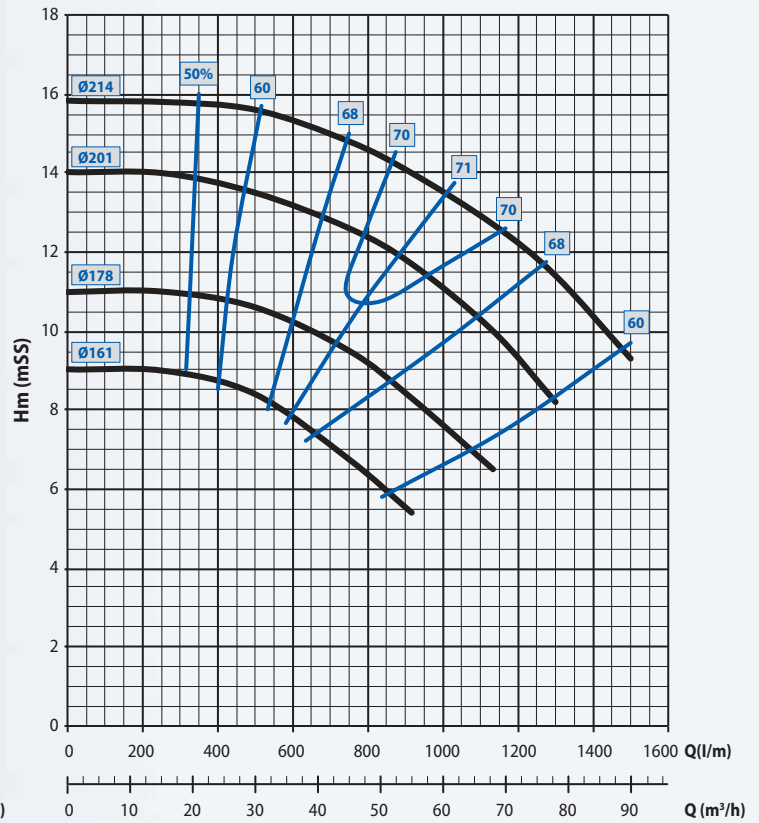
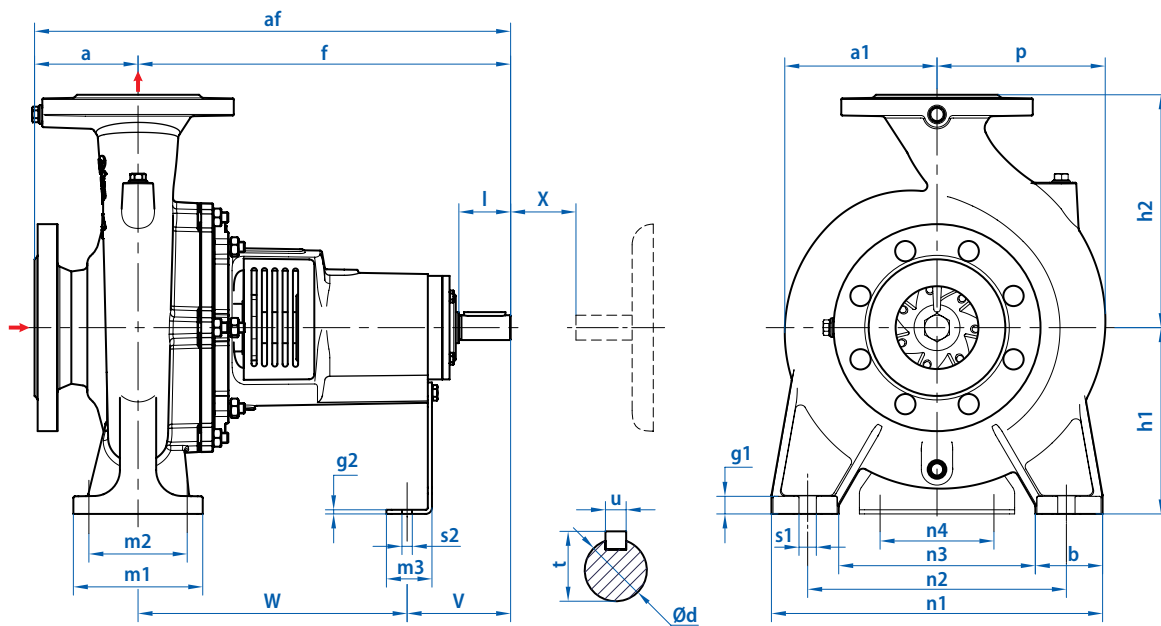
DIMENSIONS

YNP Single Stage, Horizontal Shafted Centrifugal Pumps (Ts En 733)



Pump Type	Connection Dia.		Only Pump Dimensions (mm)																									
	Inlet	Outlet	a*	b*	d*	f*	af	g1	g2	h1*	h2*	l*	m1*	m2*	m3*	n1*	n2*	n3*	n4	s1*	s2*	a1	p	t	u	v	w*	x*
YNP 50-250	2 1/2" (DN 65)	2" (DN 50)	100	65	24	360	460	18	6	180	225	50	125	95	48	320	250	190	110	14	14	169	185	27	8	100	260	100

* TS EN 733 standard.

PERFORMANCE CURVE
 $n_s=3000$ r/m / 2 Poles Motor, 50 Hz

 $n_s=1500$ r/m / 4 Poles Motor, 50 Hz

DIMENSIONS
YNP Single Stage, Horizontal Shafted Centrifugal Pumps (Ts En 733)


Pump Type	Connection Dia.		Only Pump Dimensions (mm)																									
	Inlet	Outlet	a*	b*	d*	f*	af	g1	g2	h1*	h2*	l*	m1*	m2*	m3*	n1*	n2*	n3*	n4	s1*	s2*	a1	p	t	u	v	w*	x*
YNP 65-200	3" (DN 80)	2 1/2" (DN 65)	100	65	24	360	460	18	6	180	225	50	125	95	48	320	250	190	110	14	14	147	165	27	8	100	260	140

* TS EN 733 standard.

YNP 65-250

Single Stage , Horizontal Shafted Centrifugal Pumps(Ts En 733)



Description

YNP series centrifugal pumps, ideal for use mainly in the clean water transfer, garden, field, release and discharge of tank irrigation and drip irrigation systems and in transfer between two tanks.

FIELDS OF USE

- Water supply, agricultural irrigation, sprinkler
- Water treatment facilities
- Air-conditioning system facilities
- Paper and pulp industry
- Cooling and heating facilities
- Chemical and petrochemical industry
- Power stations
- Firefighting extinguishing systems

TECHNICAL SPECIFICATIONS

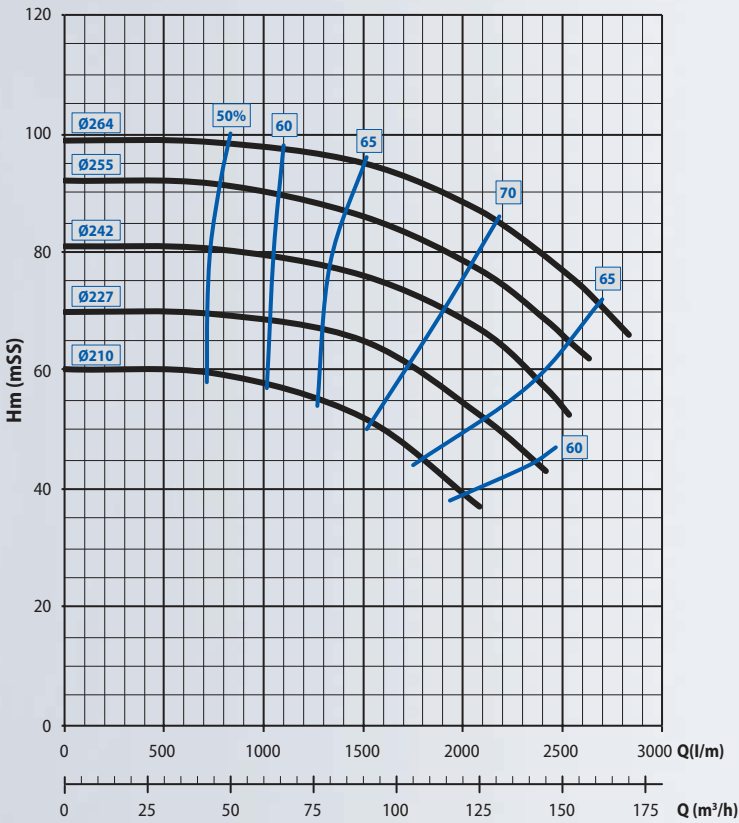
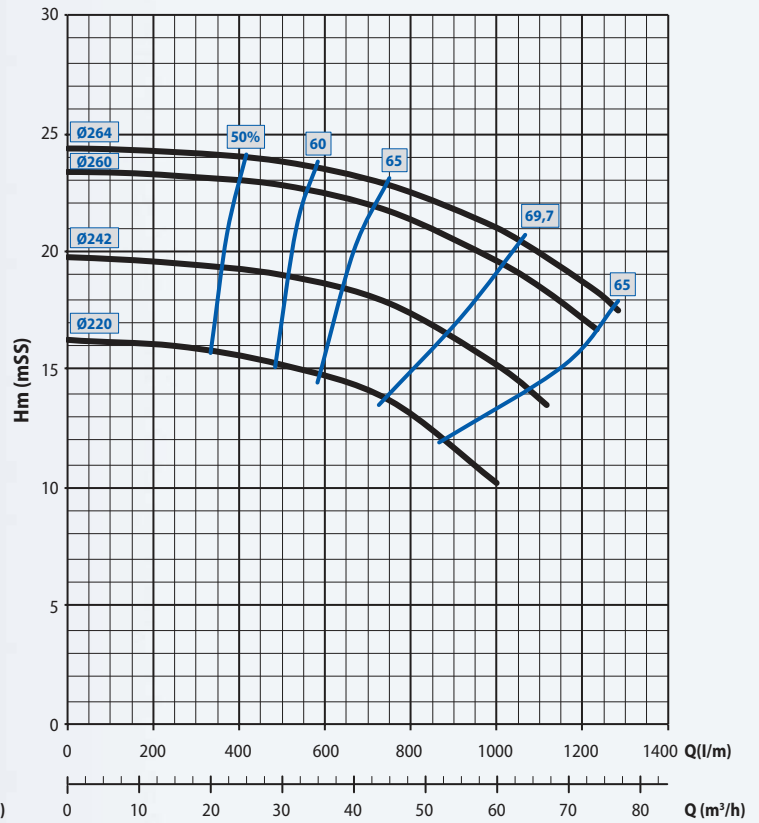
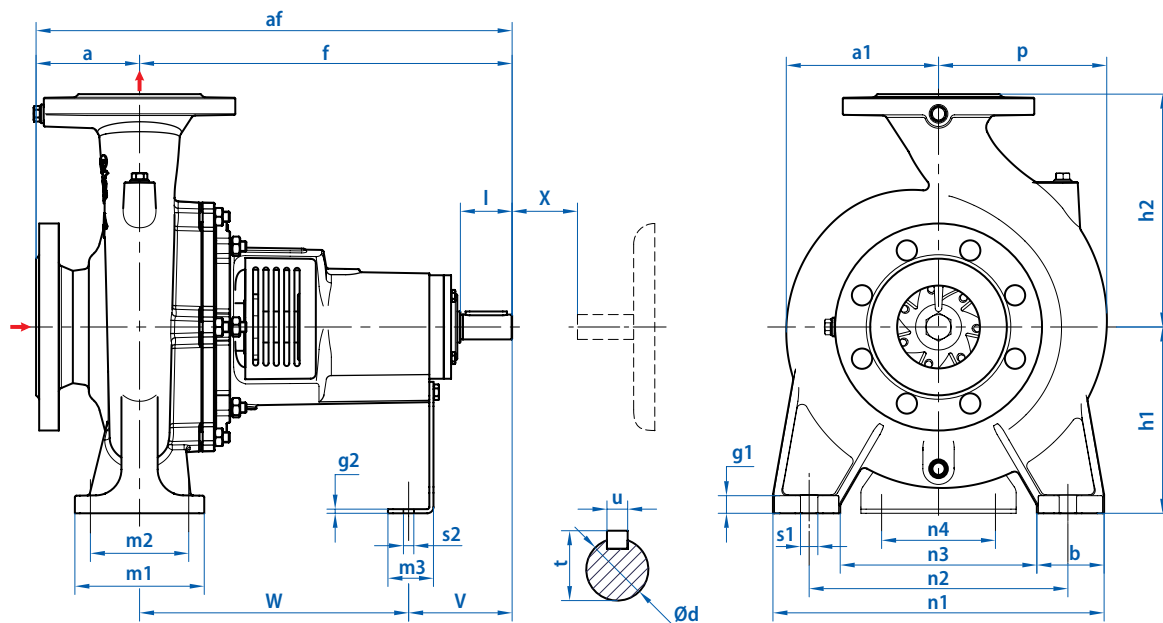
Suction mouth diameter	: 3" (DN 80)
Pushing diameter	: 2 1/2" (DN 65)
Flow (Q) (max.)	: 170 m ³ /h
Pushing height (max.)	: 99 mSS
Engine speed (max.)	: 2900 r/m
Fluid temperature	: -10°C (min.) /+140 °C (max.)
Environment temperature (max.)	: 40 °C
Hull pressure (max.)	: 16 bar
Operating voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Wheel	Pump Shaft	impermeability
Cast Iron	Aluminum	Cast Iron	AISI 420	Soft / Mechanic

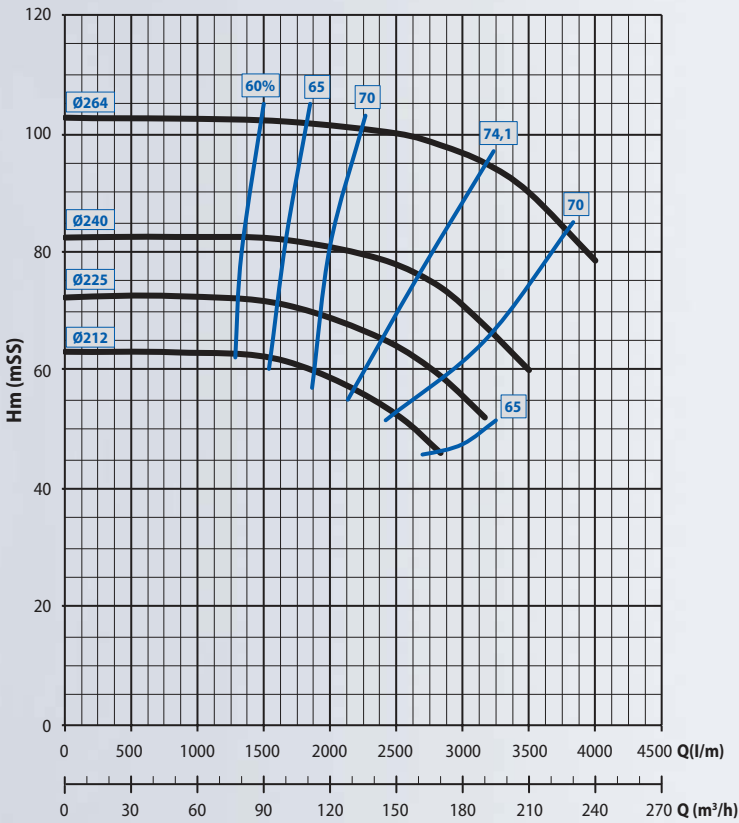
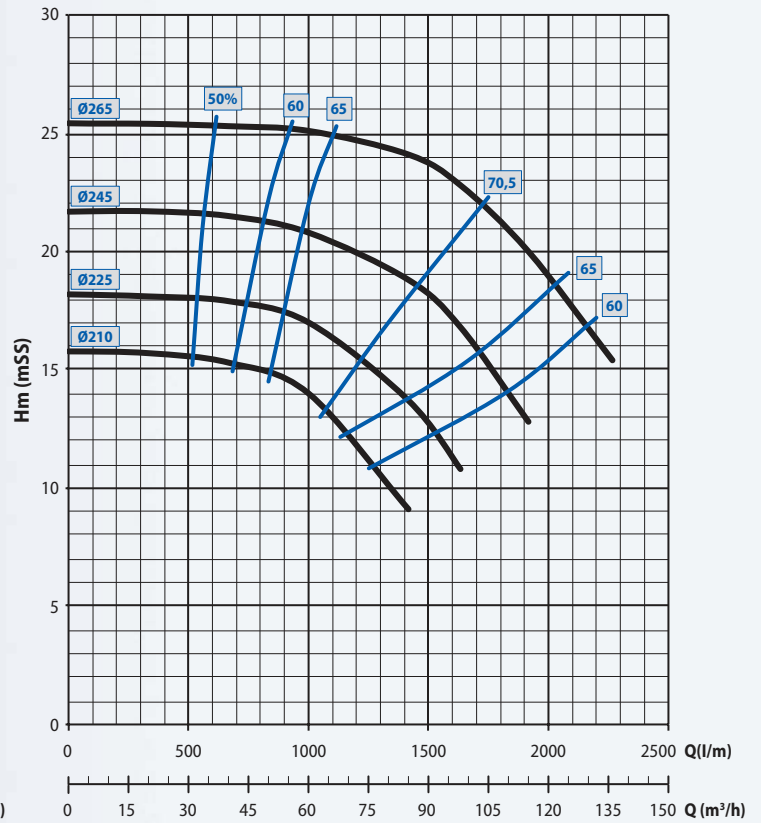
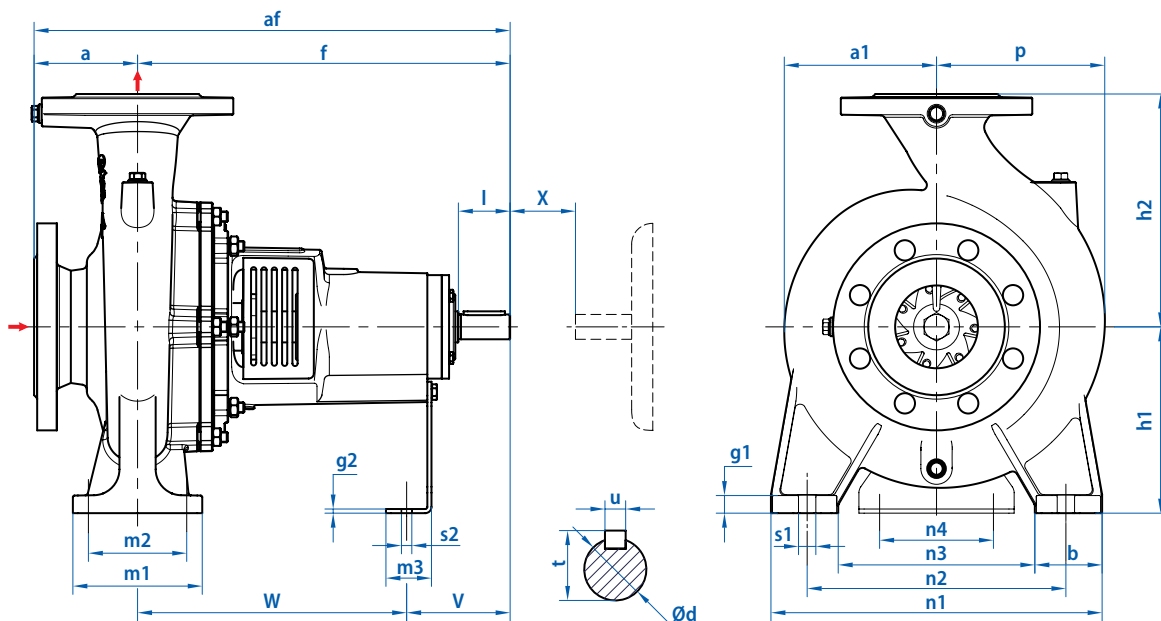
PERFORMANCE TABLE

3000 r/m	Pump Type	Motor Power		Q	m ³ /h												
		kW	HP		0	45	90	125	145	152	158	170					
	YNP 65-250	22	30	0	750	1500	2083	2417	2533	2633	2833						
1500 r/m	Pump Type	Motor Power		Q	m ³ /h												
		kW	HP		0	15	30	45	60	67	74	77					
	YNP 65-250	3	4	0	250	500	750	1000	1117	1233	1283						

PERFORMANCE CURVE
 $n_s=3000 \text{ r/m} / 2 \text{ Poles Motor, } 50 \text{ Hz}$

 $n_s=1500 \text{ r/m} / 4 \text{ Poles Motor, } 50 \text{ Hz}$

DIMENSIONS
YNP Single Stage, Horizontal Shafted Centrifugal Pumps (Ts En 733)


Pump Type	Connection Dia.		Only Pump Dimensions (mm)																									
	Inlet	Outlet	a*	b*	d*	f*	af	g1	g2	h1*	h2*	l*	m1*	m2*	m3*	n1*	n2*	n3*	n4	s1*	s2*	a1	p	t	u	v	w*	x*
YNP 65-250	3" (DN 80)	2 1/2" (DN 65)	100	80	24	470	570	18	6	200	250	80	160	120	48	360	280	200	110	19	14	182	197	35	10	130	340	140

* TS EN 733 standard.

PERFORMANCE CURVE
 $n_s=3000 \text{ r/m}$ / 2 Poles Motor, 50 Hz

 $n_s=1500 \text{ r/m}$ / 4 Poles Motor, 50 Hz

DIMENTIONS
YNP Single Stage, Horizontal Shafted Centrifugal Pumps (Ts En 733)


Pump Type	Connection Dia.		Dimentions (mm)																									
	Inlet	Outlet	a*	b*	d*	f*	af	g1	g2	h1*	h2*	l*	m1*	m2*	m3*	n1*	n2*	n3*	n4	s1*	s2*	a1	p	t	u	v	w*	x*
YNP 80-250	4" (DN 100)	3" (DN 80)	125	80	32	470	595	18	6	200	280	80	160	120	48	400	315	240	110	19	14	182	210	35	10	130	340	140

* TS EN 733 standard.



DESCRIPTION

YPS-Y series horizontal shafted multistage pumps. They are designed for applications that need high pressure. Is suitable for the transport of clean water and of fluids with a viscosity of max. 150mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Booster Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation Systems
- Cooling and Heating Facilities
- Power Stations
- Boiler Feeding Systems
- General Pressured Water Supply Providing Systems
- Mining Industry

MECHANICAL SPECIFICATIONS

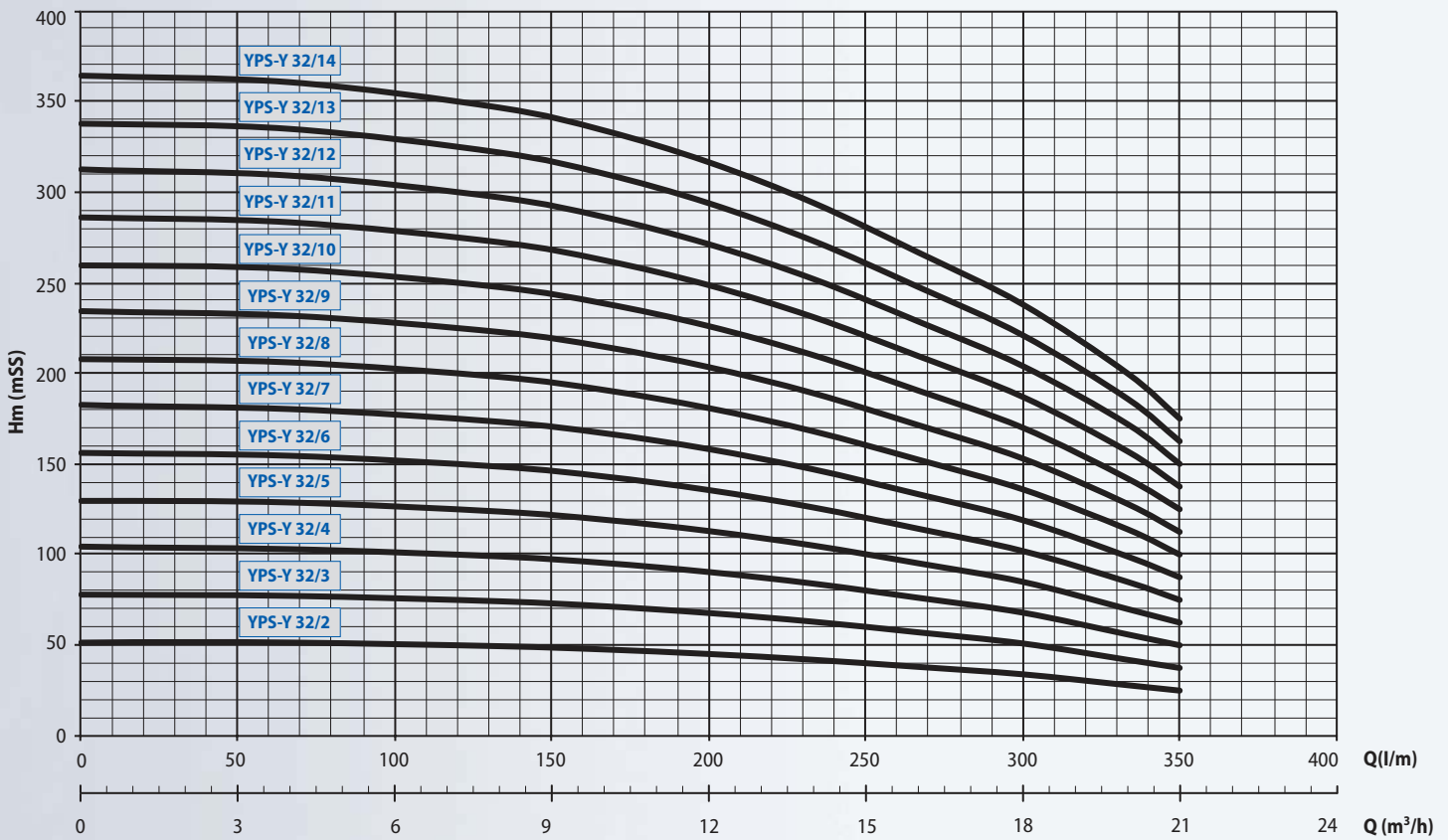
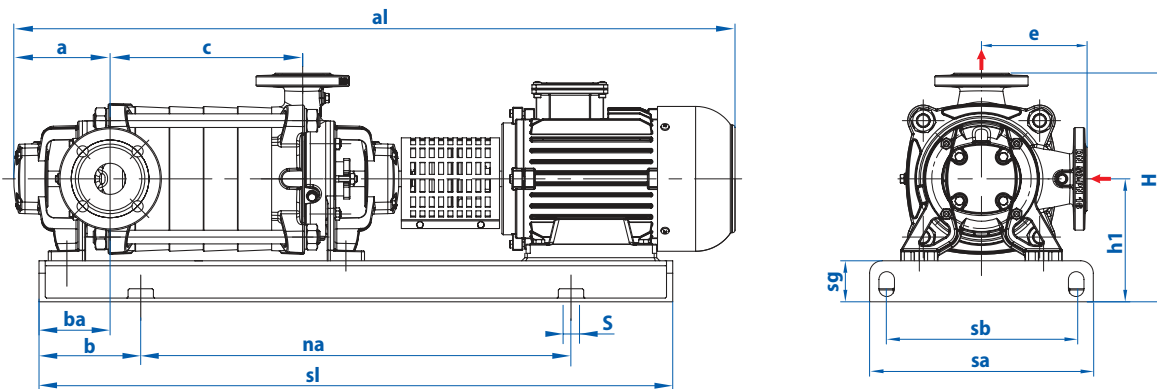
Suction Diameter	: 1 ½" (DN 40 – PN 16)
Pushing Diameter	: 1 ¼" (DN 32 – PN 40)
Flow (Q) (max.)	: 21 m ³ /h
Push Height (max.)	: 364 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Environment Temperature (max.)	: 40 °C
Hull Pressure (max.)	: 40 bar
Operating Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)												
	kW	HP		m ³ /h	0	4	8	10	12	14	16	18	20	21		
YPS-Y 32/2	4	5.5	0	52.0	51.5	49.5	47.7	45.2	42.0	38.1	34.0	28.0	25.0			
YPS-Y 32/3	5.5	7.5	L/M	78.0	77.3	74.3	71.6	67.8	63.0	57.2	51.0	42.0	37.5			
YPS-Y 32/4	7.5	10	0	104.0	103.0	99.0	95.4	90.4	84.0	76.2	68.0	56.0	50.0			
YPS-Y 32/5	7.5	10	0	130.0	128.8	123.8	119.3	113.0	105.0	95.3	85.0	70.0	62.5			
YPS-Y 32/6	11	15	0	156.0	154.5	148.5	143.1	135.6	126.0	114.3	102.0	85.0	75.0			
YPS-Y 32/7	11	15	0	182.0	180.3	173.3	167.0	158.2	147.0	133.4	119.0	99.0	87.5			
YPS-Y 32/8	15	20	0	208.0	206.0	198.0	190.8	180.8	168.0	152.4	136.0	114.0	100.0			
YPS-Y 32/9	15	20	0	234.0	231.8	222.8	214.7	203.4	189.0	171.5	153.0	128.0	112.5			
YPS-Y 32/10	18.5	25	0	260.0	257.5	247.5	238.5	226.0	210.0	190.5	170.0	142.0	125.0			
YPS-Y 32/11	18.5	25	0	286.0	283.3	272.3	262.4	248.6	231.0	209.6	187.0	157.0	137.5			
YPS-Y 32/12	22	30	0	312.0	309.0	297.0	286.2	271.2	252.0	228.6	204.0	172.0	150.0			
YPS-Y 32/13	22	30	0	338.0	334.8	321.8	310.1	293.8	273.0	247.7	221.0	186.0	162.5			
YPS-Y 32/14	30	40	0	364.0	360.5	346.5	333.9	316.4	294.0	266.7	238.0	200.0	175.0			

PERFORMANCE CURVE R_1 $n_s=3000$ r/m

DİMENTIONS
YPS Y Horizontal Shafted Multistage Pumps


Pump Type	Connection Dia.		Dimentions (mm)													
	Inlet	Outlet	a	c	al	e	ba	b	na	sl	s	sb	sa	sg	h1	H
YPS-Y 32/2	1 1/2" (DN 40)	1 1/4" (DN 32)	150	131	920	165	95	100	555	755	15	310	350	65	197	362
YPS-Y 32/3			150	179	1045	165	95	100	650	850	15	310	350	65	197	362
YPS-Y 32/4			150	227	1095	165	95	150	600	900	15	310	350	65	197	362
YPS-Y 32/5			150	275	1140	165	95	150	640	940	15	310	350	65	197	362
YPS-Y 32/6			150	323	1325	165	95	150	815	1115	15	345	390	80	240	405
YPS-Y 32/7			150	371	1370	165	95	150	860	1160	15	345	390	80	240	405
YPS-Y 32/8			150	419	1420	165	95	150	980	1280	15	355	400	80	240	405
YPS-Y 32/9			150	467	1468	165	95	150	1028	1328	15	355	400	80	240	405
YPS-Y 32/10			150	515	1520	165	95	150	1080	1380	15	355	400	80	240	405
YPS-Y 32/11			150	563	1568	165	95	150	1128	1428	15	355	400	80	240	405
YPS-Y 32/12			150	611	1616	165	95	200	1076	1476	15	355	400	80	260	425
YPS-Y 32/13			150	659	1802	165	95	200	1166	1566	15	355	400	80	260	425
YPS-Y 32/14			150	707	1903	165	95	200	1201	1601	15	440	490	100	300	465

YPS Y | Horizontal Shafted Multistage Pumps

40



DESCRIPTION

YPS-Y series horizontal shafted multistage pumps. They are designed for applications that need high pressure. Is suitable for the transport of clean water and of fluids with a viscosity of max. 150mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Booster Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation Systems
- Mining Industry
- Cooling and Heating Facilities
- Power Stations
- Boiler Feeding Systems
- General Pressured Water Supply Providing Systems

TECHNICAL SPECIFICATIONS

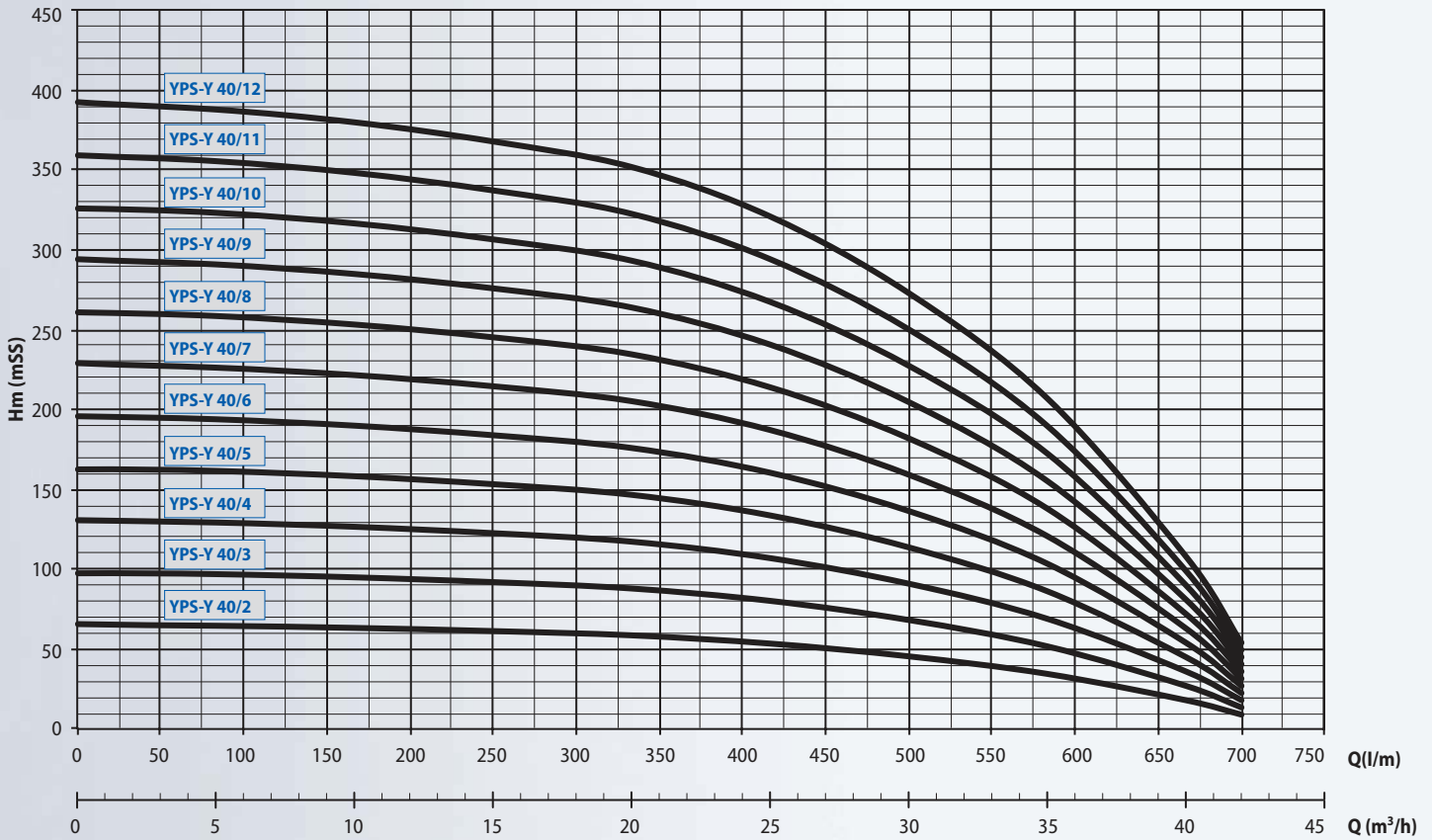
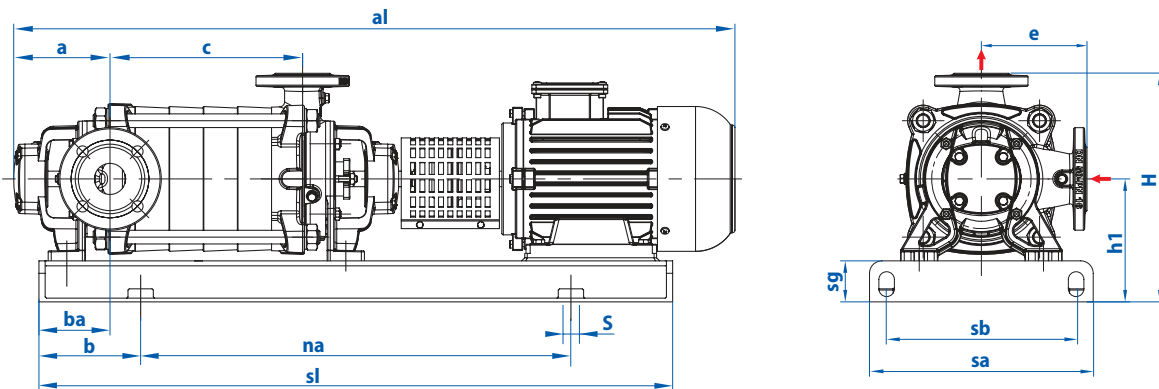
Suction Diameter	: 2" (DN 50 – PN 16)
Pushing Diameter	: 1 ½" (DN 40 – PN 40)
Flow (Q) (max.)	: 42 m ³ /h
Push Height (max.)	: 392 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Environment Temperature(max.)	: 40 °C
Hull Pressure (max.)	: 40 bar
Operating Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)													
	kW	HP		m ³ /h	0	5	10	15	20	25	30	35	40	42			
YPS-Y 40/2	7.5	10	L/M	0	83	167	250	333	417	500	583	667	700				
YPS-Y 40/3	11	15		65.3	64.7	63.3	61.3	58.7	53.5	45.5	34.5	18.0	9.0				
YPS-Y 40/4	15	20		98.0	97.0	95.0	92.0	88.0	80.3	68.3	51.8	27.0	13.5				
YPS-Y 40/5	18.5	25		130.7	129.3	126.7	122.7	117.3	107.0	91.0	69.0	36.0	18.0				
YPS-Y 40/6	22	30		163.3	161.7	158.3	153.3	146.7	133.8	113.8	86.3	45.0	22.5				
YPS-Y 40/7	22	30		196.0	194.0	190.0	184.0	176.0	160.5	136.5	103.5	54.0	27.0				
YPS-Y 40/8	30	40		228.7	226.3	221.7	214.7	205.3	187.3	159.3	120.8	63.0	31.5				
YPS-Y 40/9	30	40		261.3	258.7	253.3	245.3	234.7	214.0	182.0	138.0	72.0	36.0				
YPS-Y 40/10	37	50		294.0	291.0	285.0	276.0	264.0	240.8	204.8	155.3	81.0	40.5				
YPS-Y 40/11	37	50		326.7	323.3	316.7	306.7	293.3	267.5	227.5	172.5	90.0	45.0				
YPS-Y 40/12	45	60		359.3	355.7	348.3	337.3	322.7	294.3	250.3	189.8	99.0	49.5				
				392.0	388.0	380.0	368.0	352.0	321.0	273.0	207.0	108.0	54.0				

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS Y | Horizontal Shafted Multistage Pumps


Pump Type	Connection Dia.		Dimentions (mm)													
	Inlet	Outlet	a	c	al	e	ba	b	na	sl	s	sb	sa	sg	h1	H
YPS-Y 40/2	2" (DN 50)	1 1/2" (DN 40)	155	145	1022	170	100	100	625	825	15	310	350	65	197	367
YPS-Y 40/3			155	200	1215	170	100	150	700	1000	15	350	390	65	225	395
YPS-Y 40/4			155	255	1270	170	100	150	755	1055	15	360	400	80	240	410
YPS-Y 40/5			155	310	1375	170	100	150	860	1160	15	360	400	80	240	410
YPS-Y 40/6			155	365	1462	170	100	150	980	1280	15	400	440	80	260	430
YPS-Y 40/7			155	420	1538	170	100	150	1060	1360	15	400	440	80	260	430
YPS-Y 40/8			155	475	1684	170	100	150	1130	1430	15	440	480	80	280	450
YPS-Y 40/9			155	530	1739	170	100	200	1085	1485	15	440	480	80	280	450
YPS-Y 40/10			155	585	1800	170	100	200	1150	1550	15	440	490	100	300	470
YPS-Y 40/11			155	640	1855	170	100	200	1200	1600	15	440	490	100	300	470
YPS-Y 40/12			155	695	1950	170	100	200	1290	1690	15	485	535	100	325	495

YPS Y

50

Horizontal Shafted Multistage Pumps



DESCRIPTION

YPS-Y series horizontal shafted multistage pumps. They are designed for applications that need high pressure. Is suitable for the transport of clean water and of fluids with a viscosity of max. 150mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Booster Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation Systems
- Mining Industry
- Cooling and Heating Facilities
- Power Stations
- Boiler Feeding Systems
- General Pressured Water Supply Providing Systems

TECHNICAL SPECIFICATIONS

Suction Diameter	: 2 1/2" (DN 65 – PN 16)
Pushing Diameter	: 2" (DN 50 – PN 40)
Flow (Q) (max.)	: 70 m ³ /h
Push Height (max.)	: 400 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Environment Temperature(max.)	: 40 °C
Hull Pressure (max.)	: 40 bar
Operating Voltage	: 380 V, 50 Hz (T)

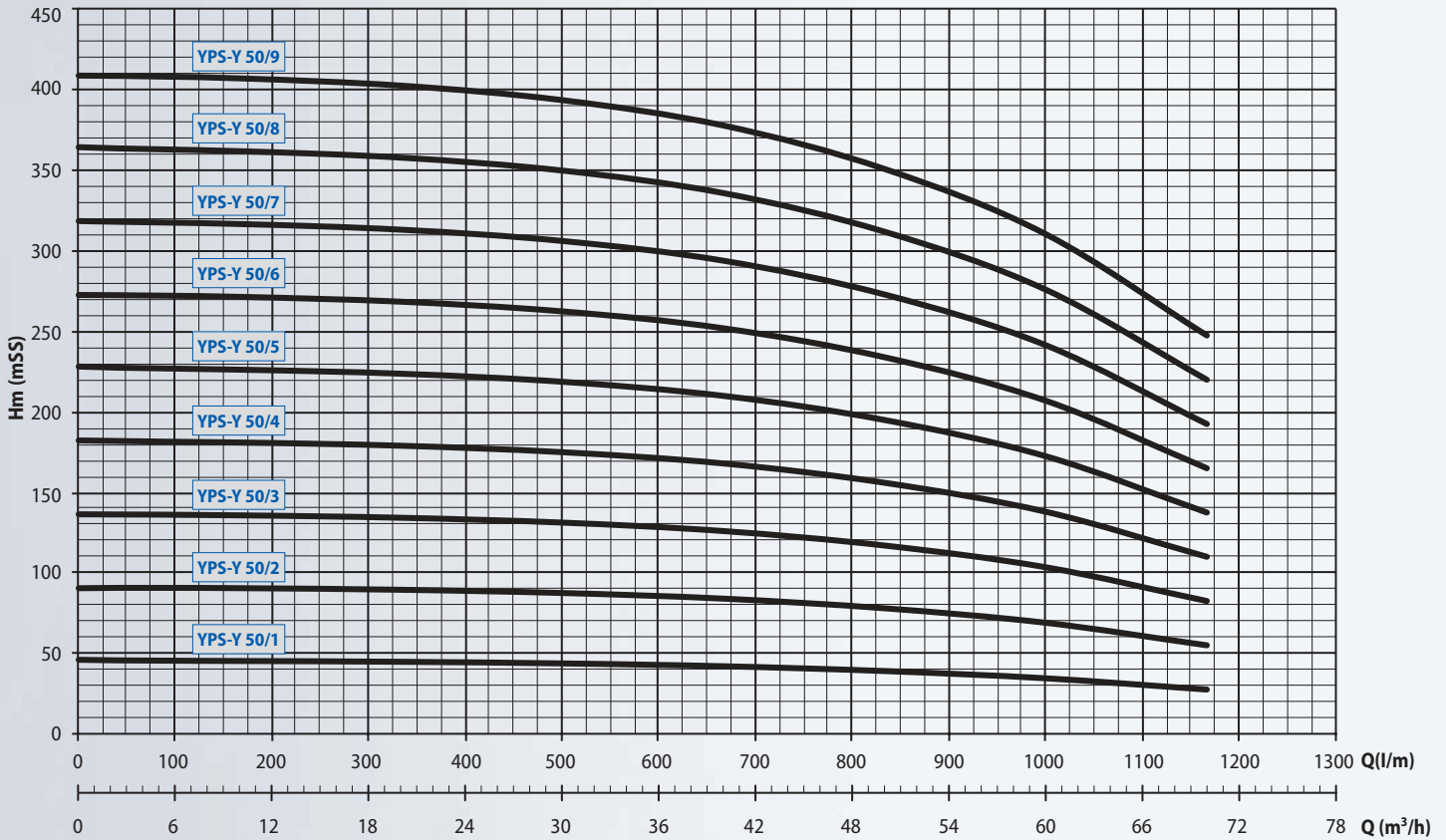
MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanic

PERFORMANCE TABLE

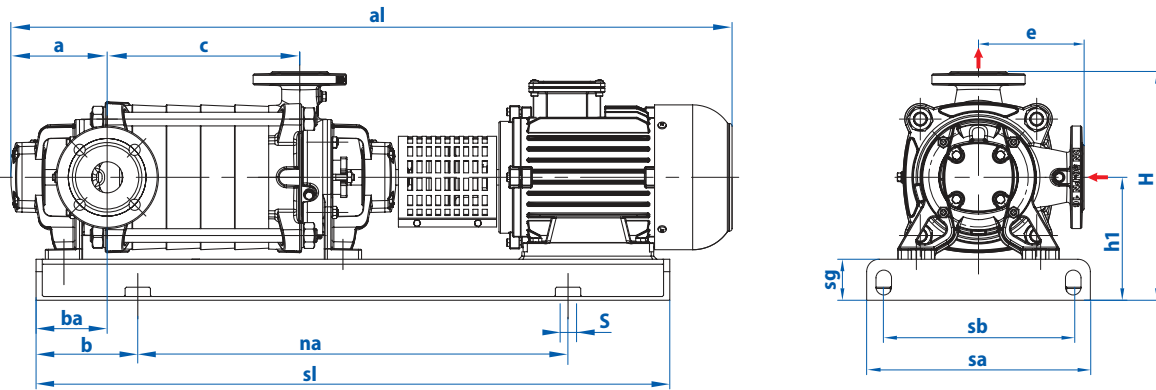
Pump Type	Motor Power		Q	Hm (mSS)																			
	kW	HP		m ³ /h	0	10	20	30	40	50	60	70	L/M	0	167	333	500	667	833	1000	1167		
YPS-Y 50/1	11	15	Hm (mSS)	45.5	45.25	44.75	43.75	42	39	34.5	27.5												
YPS-Y 50/2	22	30		91	90.5	89.5	87.5	84	78	69	55												
YPS-Y 50/3	30	40		136.5	135.75	134.25	131.25	126	117	103.5	82.5												
YPS-Y 50/4	45	60		182	181	179	175	168	156	138	110												
YPS-Y 50/5	55	75		227.5	226.25	223.75	218.75	210	195	172.5	137.5												
YPS-Y 50/6	75	100		273	271.5	268.5	262.5	252	234	207	165												
YPS-Y 50/7	75	100		318.5	316.75	313.25	306.25	294	273	241.5	192.5												
YPS-Y 50/8	90	125		364	362	358	350	336	312	276	220												
YPS-Y 50/9	90	125		409.5	407.25	402.75	393.75	378	351	310.5	247.5												

PERFORMANCE CURVE $n_s=3000$ r/m



DİMENTIONS

YPS Y | Horizontal Shafted Multistage Pumps



Pump Type	Connection Dia.		Dimentions (mm)													
	Inlet	Outlet	a	c	al	e	ba	b	na	sl	s	sb	sa	sg	h1	H
YPS-Y 50/1	2 1/2" (DN 65)	2" (DN 50)	180	102	1167	190	125	150	660	960	15	370	410	80	250	440
YPS-Y 50/2			180	169	1317	190	125	150	780	1080	15	400	440	80	260	450
YPS-Y 50/3			180	236	1475	190	125	200	820	1220	15	440	480	80	280	470
YPS-Y 50/4			180	303	1588	190	125	200	925	1325	15	490	540	100	325	515
YPS-Y 50/5			180	370	1755	190	125	200	1100	1500	15	535	590	100	350	540
YPS-Y 50/6			180	437	1913	190	125	200	1235	1635	18	595	650	100	380	570
YPS-Y 50/7			180	504	1980	190	125	200	1300	1700	18	595	650	100	380	570
YPS-Y 50/8			180	571	2100	190	125	200	1420	1820	18	610	660	120	400	590
YPS-Y 50/9			180	638	2170	190	125	200	1490	1890	18	610	660	120	400	590

YPS Y 65

Horizontal Shafted Multistage Pumps



DESCRIPTION

YPS-Y series horizontal shafted multistage pumps. They are designed for applications that need high pressure. Is suitable for the transport of clean water and of fluids with a viscosity of max. 150mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Booster Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation Systems
- Cooling and Heating Facilities
- Power Stations
- Boiler Feeding Systems
- General Pressured Water Supply Providing Systems
- Mining Industry

TECHNICAL SPECIFICATIONS

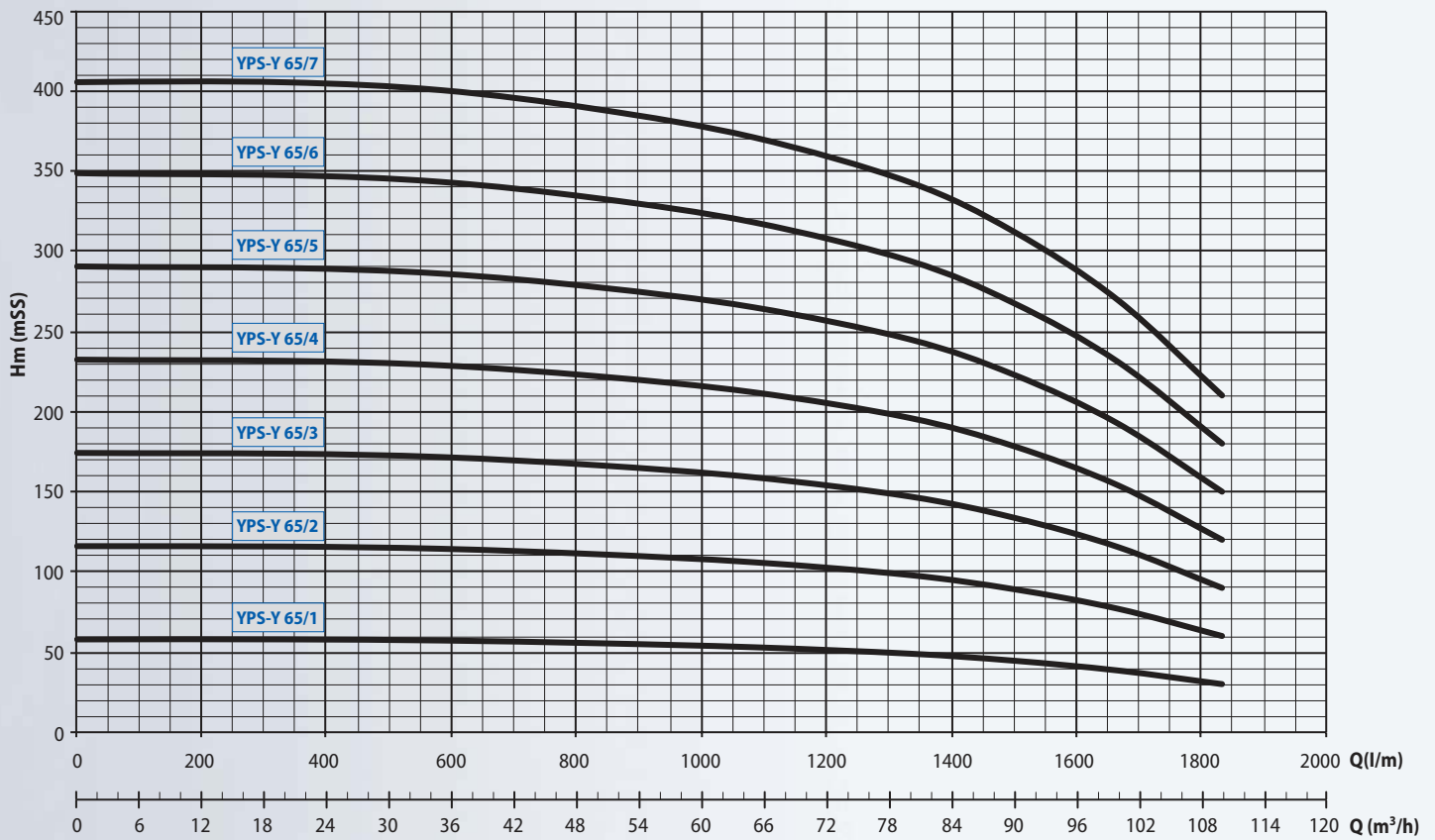
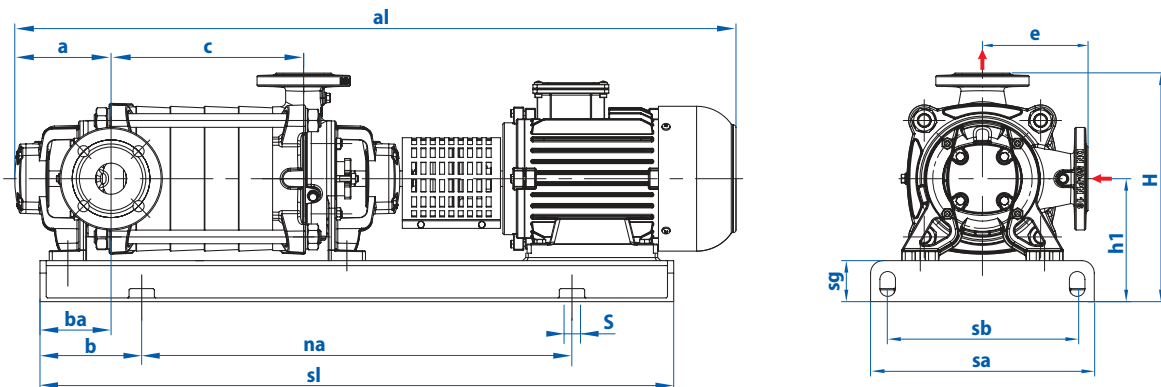
Suction Diameter	: 3" (DN 80 – PN 16)
Pushing Diameter	: 2 1/2" (DN 65 – PN 40)
Flow (Q) (max.)	: 110 m ³ /h
Push Height (max.)	: 400 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Environment Temperature(max.)	: 40 °C
Hull Pressure (max.)	: 40 bar
Operating Voltage	: 380V, 50 Hz (T)

MATERIALS PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)										
	kW	HP		m ³ /h	0	20	35	50	65	80	90	100	110	
YPS-Y 65/1	18,5	25	0	0	333	583	833	1083	1333	1500	1667	1833		
YPS-Y 65/2	37	50	58	57.9	57.2	55.5	53	49	44.6	38.5	30			
YPS-Y 65/3	55	75	116	115.8	114.4	111	106	98	89.2	77	60			
YPS-Y 65/4	75	100	174	173.7	171.6	166.5	159	147	133.8	115.5	90			
YPS-Y 65/5	90	125	232	231.6	228.8	222	212	196	178.4	154	120			
YPS-Y 65/6	110	150	290	289.5	286	277.5	265	245	223	192.5	150			
YPS-Y 65/7	132	180	348	347.4	343.2	333	318	294	267.6	231	180			
			406	405.3	400.4	388.5	371	343	312.2	269.5	210			

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS Y | Horizontal Shafted Multistage Pumps


Pompa Tipi	Connection Dia.		Dimentions (mm)													
	Inlet	Outlet	a	c	al	e	ba	b	na	sl	s	sb	sa	sg	h1	H
YPS-Y 65/1	3" (DN 80)	2 1/2" (DN 65)	195	125	1275	210	140	150	765	1065	15	360	410	80	250	460
YPS-Y 65/2			195	200	1482	210	140	150	930	1230	15	440	490	100	300	510
YPS-Y 65/3			195	275	1697	210	140	200	1040	1440	15	540	590	100	350	560
YPS-Y 65/4			195	350	1845	210	140	200	1165	1565	18	600	650	100	380	590
YPS-Y 65/5			195	425	1993	210	140	200	1315	1715	18	610	660	120	400	610
YPS-Y 65/6			195	500	2230	210	140	200	1425	1825	18	690	740	120	435	645
YPS-Y 65/7			195	575	2416	210	140	200	1585	1985	18	690	740	120	435	645

YPS U | Horizontal Shafted, End Suction, Multistage Pumps

32



DESCRIPTION

YPS-series horizontal shafted, multistage pumps are designed for applications that need high pressure. Is suitable for the transfer of clean water and of liquids of viscosity max. 150 mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Hydrophore Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation systems
- Cooling and heating facilities
- Power stations
- Boiler feed systems
- General pressurized water supply

TECHNICAL SPECIFICATIONS

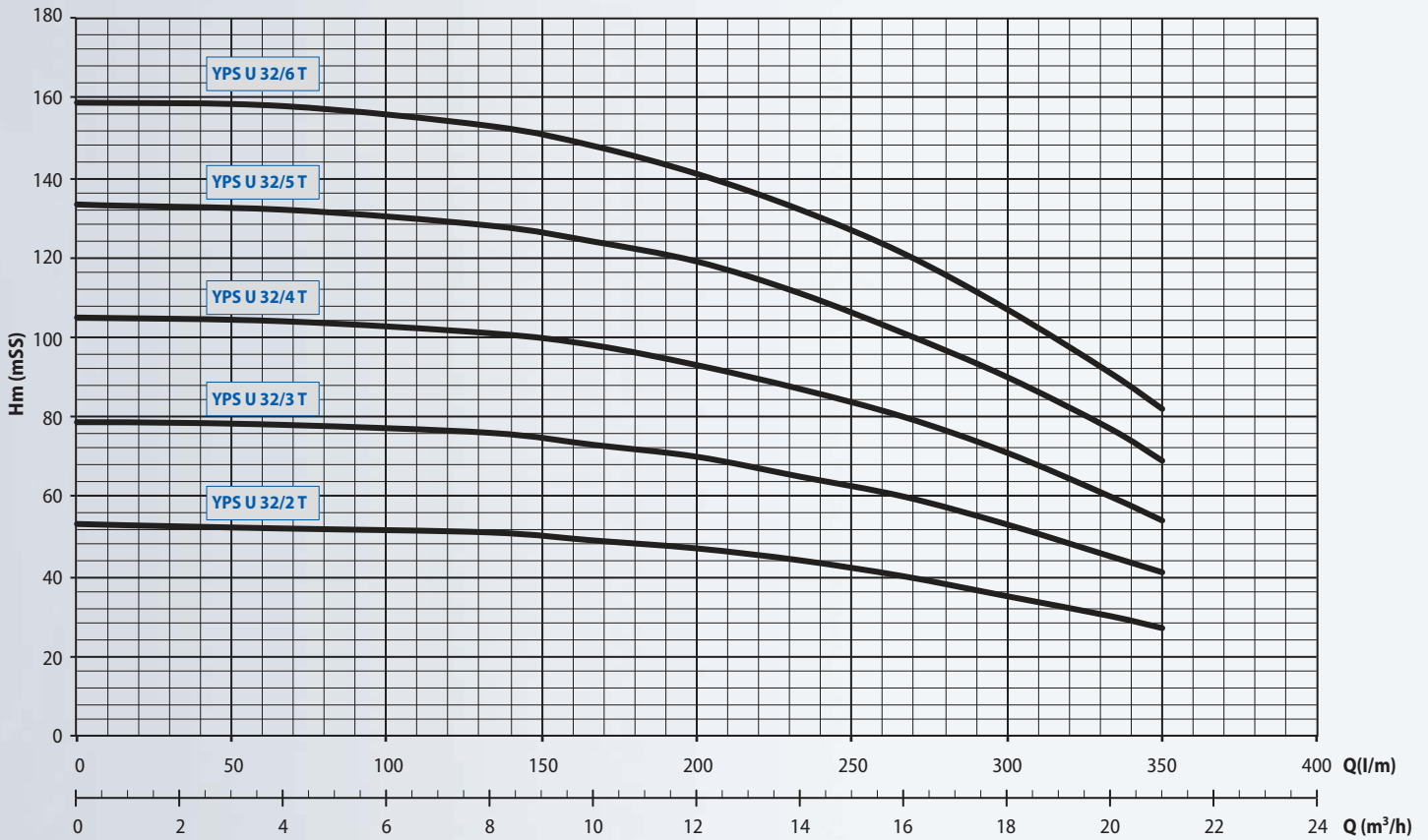
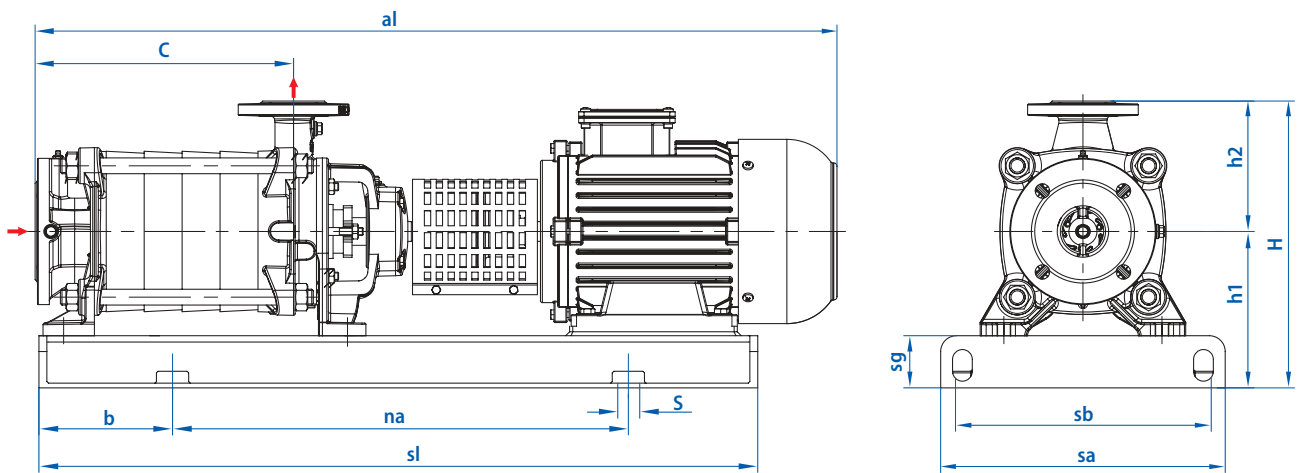
Suction Diameter	: 2 ½" (DN 65 – PN 16)
Pushing Diameter	: 1 ¼" (DN 32 – PN 40)
Flow (Q) (max.)	: 21 m ³ /h
Pushing Height (max.)	: 160 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Environment Temperature (max.)	: 40 °C
Hull Pressure (max.)	: 25 bar (40 bar)
Operating Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft Seal

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)											
	kW	HP		m ³ /h	0	4	8	10	12	14	16	18	20	21	
YPS-U 32/2	4	5,5	L/M	0	67	133	167	200	233	267	300	333	350		
YPS-U 32/3	5,5	7,5		53	52	51	49	47	44	40	35	30	27		
YPS-U 32/4	7,5	10		79	78	76	73	70	65	60	53	45	41		
YPS-U 32/5	7,5	10		105	104	101	98	93	87	80	71	60	54		
YPS-U 32/6	11	15		133	132	128	124	119	111	101	90	77	69		
				159	158	153	148	141	132	121	107	91	82		

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS-U Horizontal Shafted, End Suction Multistage Pump


Pompa Tipi	Connection Dia.		Dimentions (mm)											
	Inlet	Outlet	c	al	b	na	sl	s	sb	sa	sg	h1	h2	H
YPS-U 32/2	2 ½" (DN 65)	1 ¼" (DN 32)	183	822	100	505	705	15	310	350	65	197	165	362
YPS-U 32/3			231	870	100	600	800	15	310	350	65	197	165	362
YPS-U 32/4			279	918	150	550	850	15	310	350	65	197	165	362
YPS-U 32/5			327	966	150	590	890	15	310	350	65	197	165	362
YPS-U 32/6			375	1014	150	765	1065	15	345	390	80	240	165	405

YPS U | Horizontal Shafted, End Suction, Multistage Pumps

40



DESCRIPTION

YPS-series horizontal shafted, multistage pumps are designed for applications that need high pressure. Is suitable for the transfer of clean water and of liquids of viscosity max. 150 mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Hydrophore Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation systems
- Cooling and heating facilities
- Power stations
- Boiler feed systems
- General pressurized water supply

TECHNICAL SPECIFICATIONS

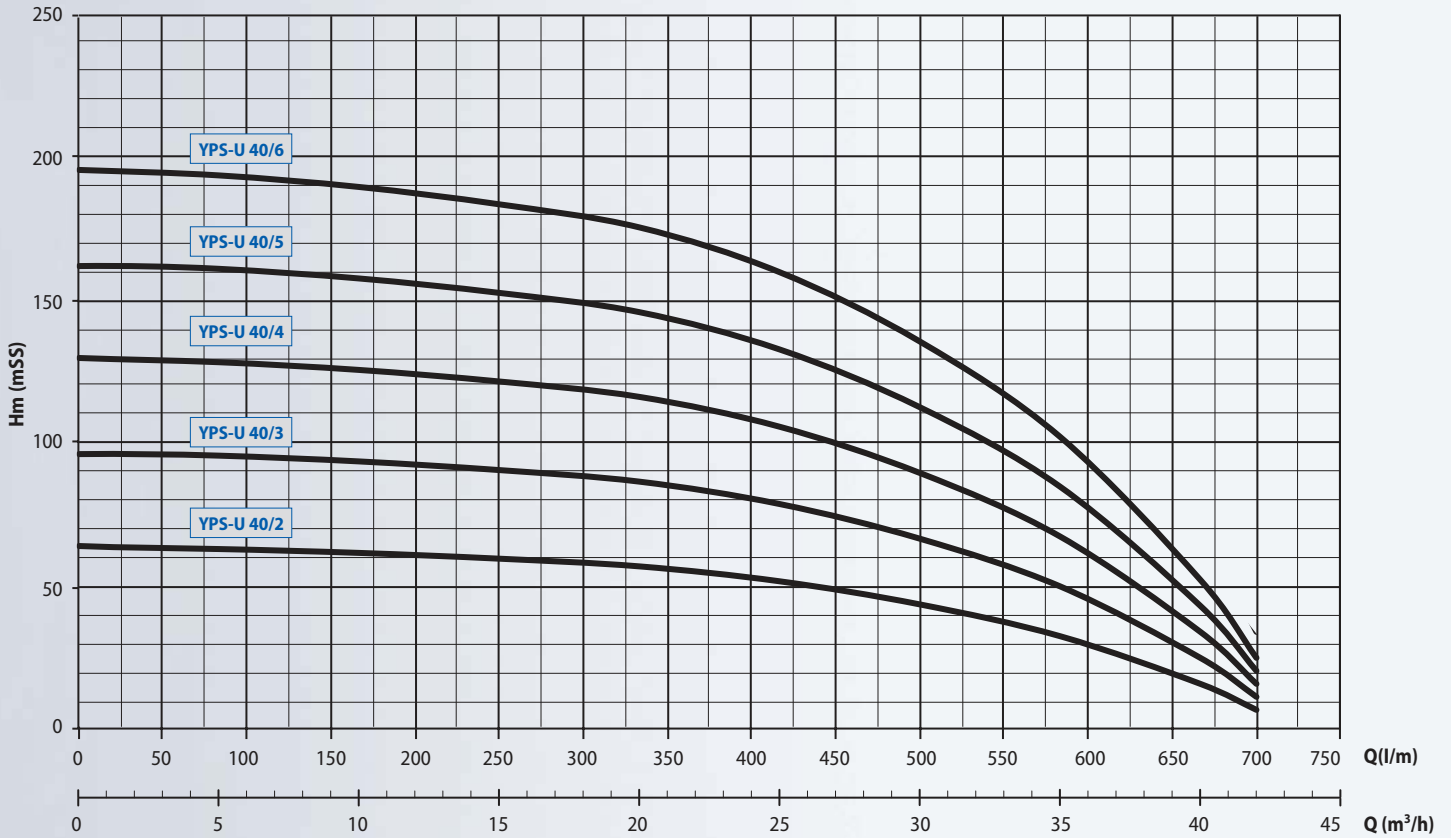
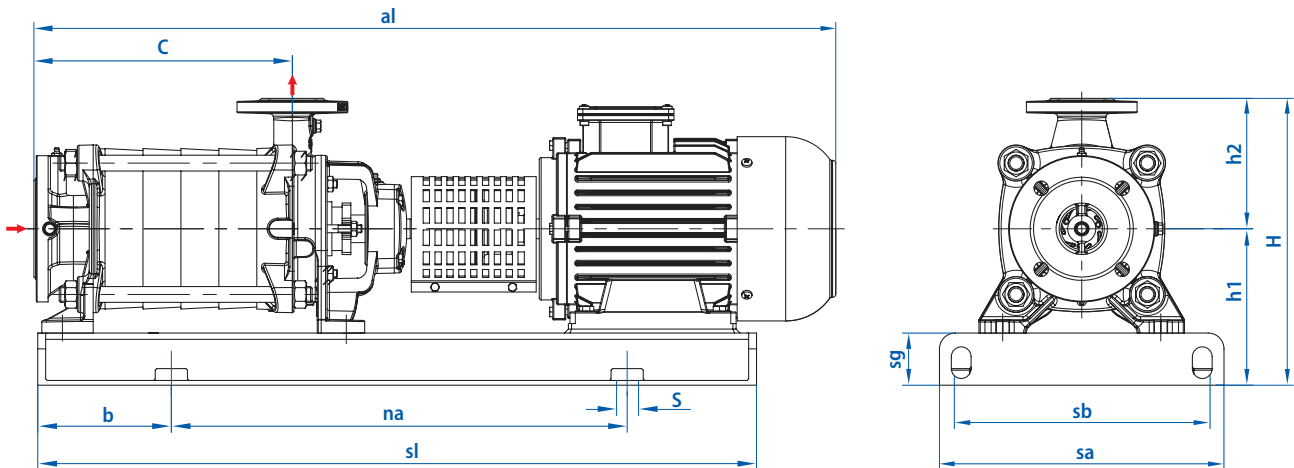
Suction Diameter	: 2 1/2" (DN 65 – PN 16)
Pushing Diameter	: 1 1/2" (DN 40 – PN 40)
Flow (Q) (max.)	: 42 m ³ /h
Pushing Height (max.)	: 195 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Environment Temperature (max.)	: 40 °C
Hull Pressure (max.)	: 25 bar (40 bar)
Operating Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft Seal

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)											
	kW	HP		m ³ /h	0	5	10	15	20	25	30	35	40	42	
YPS-Y 40/2	7.5	10	L/M	0	83	167	250	333	417	500	583	667	700		
YPS-Y 40/3	11	15		65.3	64.7	63.3	61.3	58.7	53.5	45.5	34.5	18.0	9.0		
YPS-Y 40/4	15	20		98.0	97.0	95.0	92.0	88.0	80.3	68.3	51.8	27.0	13.5		
YPS-Y 40/5	18.5	25		130.7	129.3	126.7	122.7	117.3	107.0	91.0	69.0	36.0	18.0		
YPS-Y 40/6	22	30		163.3	161.7	158.3	153.3	146.7	133.8	113.8	86.3	45.0	22.5		
				196.0	194.0	190.0	184.0	176.0	160.5	136.5	103.5	54.0	27.0		

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YPS-U | Horizontal Shafted, End Suction Multistage Pump


Pump Type	Connection Dia.		Dimensions (mm)											
	Inlet	Outlet	c	al	b	na	sl	s	sb	sa	sg	h1	h2	H
YPS-U 40/2	2 ½" (DN 65)	1 ¼" (DN 32)	195	917	100	565	765	15	310	350	65	197	170	367
YPS-U 40/3			250	1110	150	640	940	15	350	390	65	225	170	395
YPS-U 40/4			305	1165	150	695	995	15	360	400	80	240	170	410
YPS-U 40/5			360	1270	150	800	1100	15	360	400	80	240	170	410
YPS-U 40/6			415	1357	150	920	1220	15	400	440	80	260	170	430

YPS U 50

Horizontal Shafted, End Suction, Multistage Pumps



DESCRIPTION

YPS-series horizontal shafted, multistage pumps are designed for applications that need high pressure. Is suitable for the transfer of clean water and of liquids of viscosity max. 150 mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Hydrophore Systems
- Firefighting Systems
- Agricultural irrigation, sprinkler
- Circulation systems
- Cooling and heating facilities
- Power stations
- Boiler feed systems
- General pressurized water supply

TECHNICAL SPECIFICATIONS

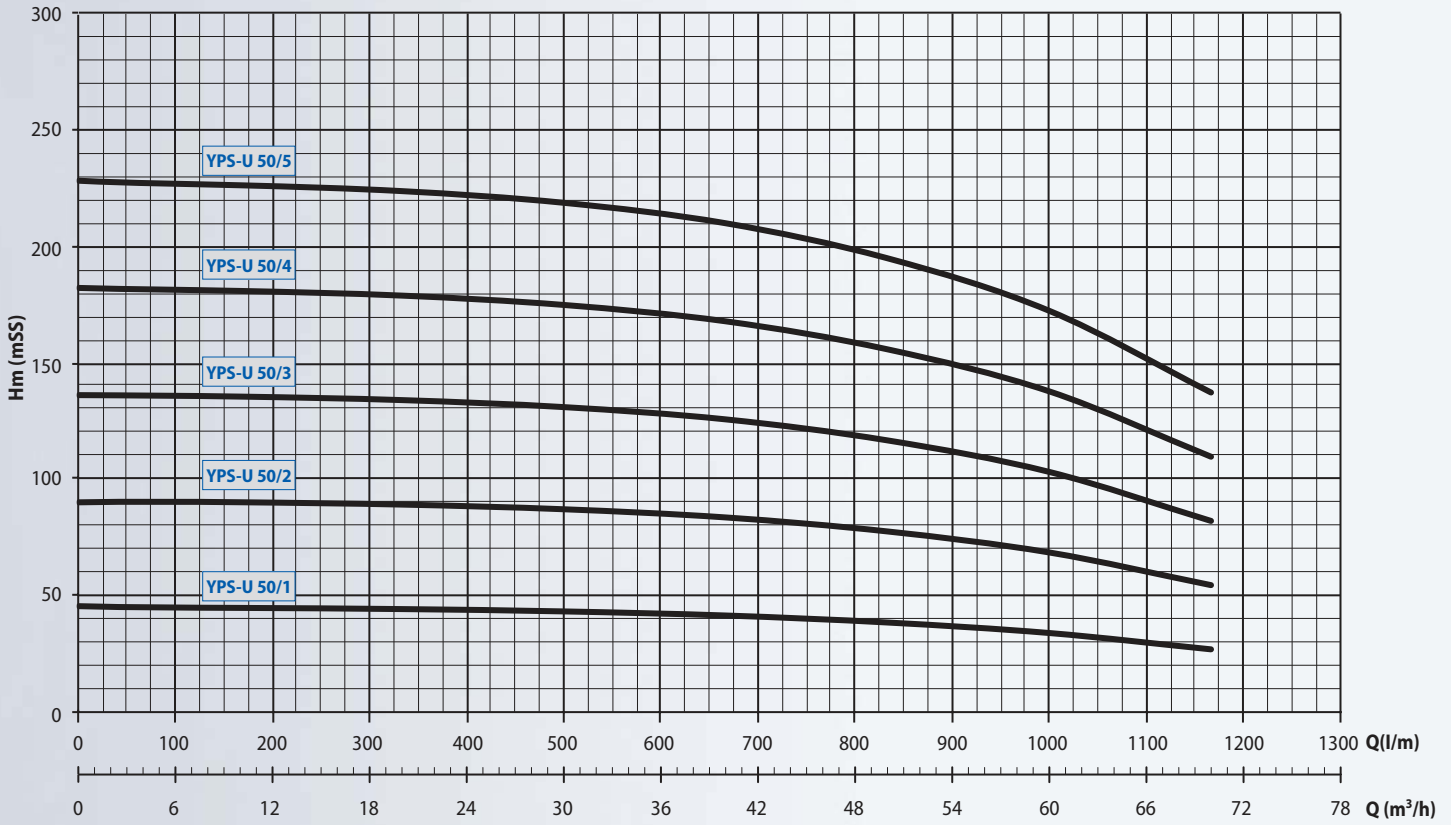
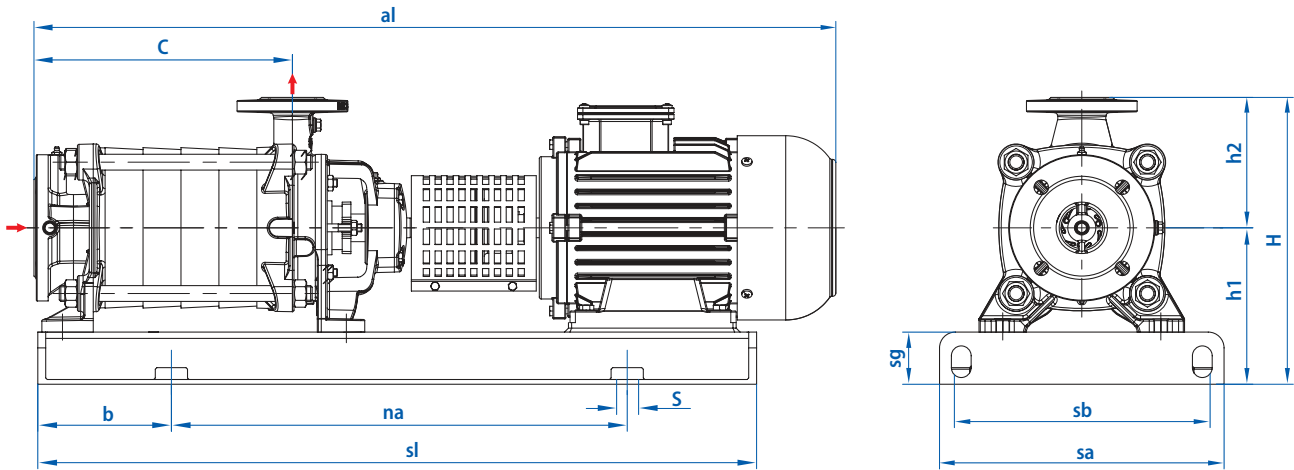
Suction Diameter	: 2 ½" (DN 65 – PN 16)
Pushing Diameter	: 1 ¼" (DN 32 – PN 40)
Flow (Q) (max.)	: 21 m ³ /h
Pushing Height (max.)	: 160 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) /+140 °C (max.)
Environment Temperature (max.)	: 40 °C
Hull Pressure (max.)	: 25 bar (40 bar)
Operating Voltage	: 380V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft Seal

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)																			
	kW	HP		m ³ /h	0	10	20	30	40	50	60	70	L/M	0	167	333	500	667	833	1000	1167		
YPS-U 50/1	11	15	Hm (mSS)	45.5	45.25	44.75	43.75	42	39	34.5	27.5												
YPS-U 50/2	22	30		91	90.5	89.5	87.5	84	78	69	55												
YPS-U 50/3	30	40		136.5	135.75	134.25	131.25	126	117	103.5	82.5												
YPS-U 50/4	45	60		182	181	179	175	168	156	138	110												
YPS-U 50/5	55	75		227.5	226.25	223.75	218.75	210	195	172.5	137.5												

PERFORMANCE TABLE $n_s=3000$ r/m

DİMENTIONS
YPS-U | Horizontal Shafted, End Suction Multistage Pump


Pump Type	Connection Dia.		Dimentions (mm)											
	Inlet	Outlet	c	al	b	na	sl	s	sb	sa	sg	h1	h2	H
YPS-U 50/1	3" (DN 80)	2" (DN 50)	152	1037	150	580	880	15	370	410	80	250	190	440
YPS-U 50/2			219	1187	150	700	1000	15	400	440	80	260	190	450
YPS-U 50/3			286	1345	200	740	1140	15	440	480	80	280	190	470
YPS-U 50/4			353	1458	200	850	1250	15	490	540	100	325	190	515
YPS-U 50/5			420	1625	200	1020	1420	15	535	590	100	350	190	540

YPS-U | Horizontal Shafted, End Suction, Multistage Pumps

65



DESCRIPTION

YPS-series horizontal shafted, multistage pumps are designed for applications that need high pressure. Is suitable for the transfer of clean water and of liquids of viscosity max. 150 mm² / s (cSt).

FIELDS OF USE

- Industrial Facilities
- Hydrophore Systems
- Firefighting Systems
- Agricultural irrigation, sprinkle
- Circulation systems
- Cooling and heating facilities
- Power stations
- Boiler feed systems
- General pressurized water supply

TECHNICAL SPECIFICATIONS

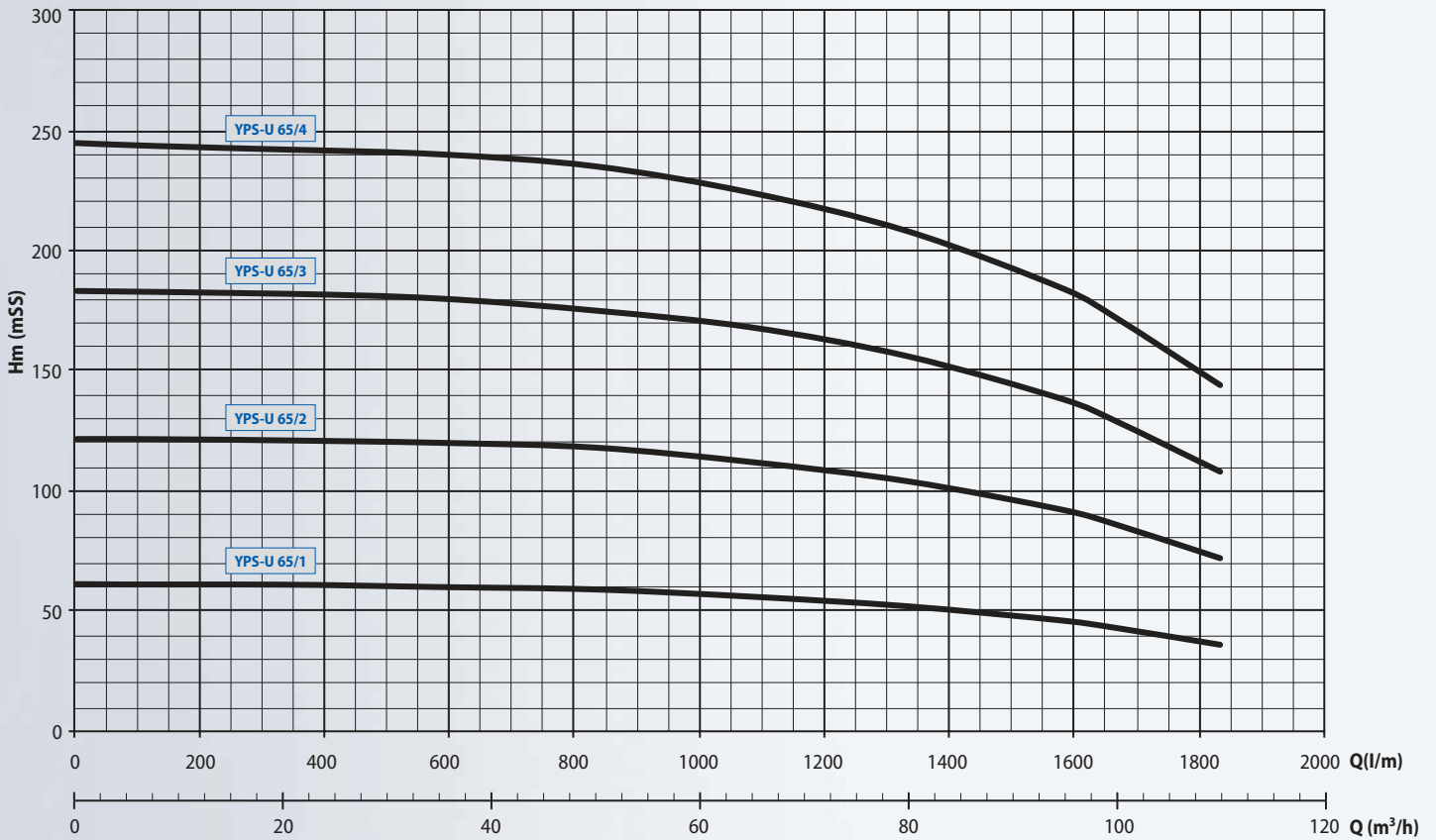
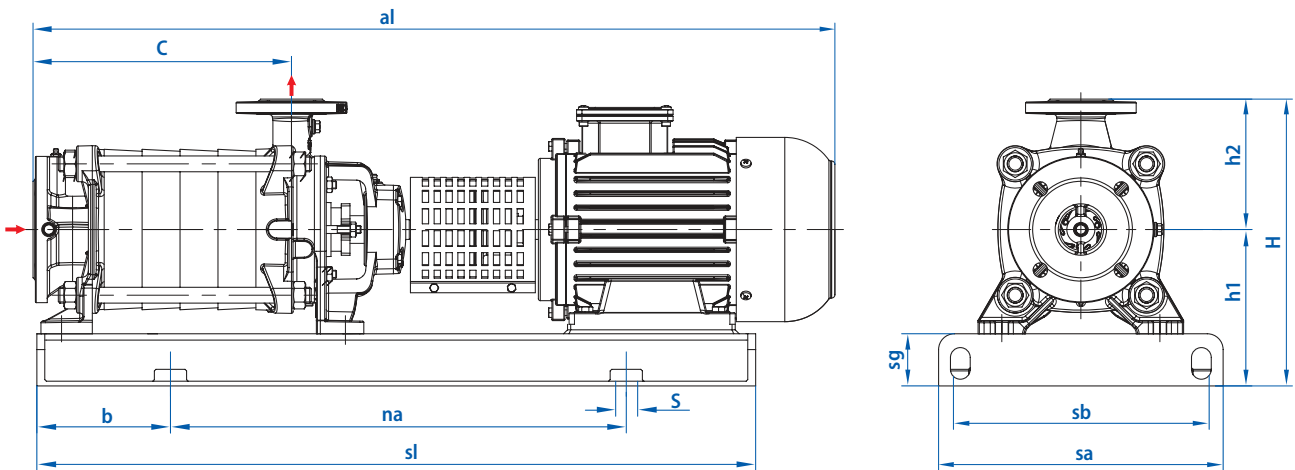
Suction Diameter	: 4" (DN 100 - PN 16)
Pushing Diameter	: 2 1/2" (DN 65 - PN 40)
Flow (Q) (max.)	: 110 m ³ /h
Pushing Height (max.)	: 244 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: -10 °C (min.) / +140 °C (max.)
Environment Temperature (max.)	: 40 °C
Hull Pressure (max.)	: 25 bar (40 bar)
Operating Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffusers / Stages Body	Pump Shaft	impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Seal

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)									
	kW	HP		m ³ /h	0	20	35	50	65	80	95	100	110
YPS-U 65/1	15	20	L/M	0	333	583	833	1083	1333	1583	1667	1833	
YPS-U 65/2	37	50		61	61	60	59	56	52	46	43	36	
YPS-U 65/3	55	75		122	121	120	118	112	104	92	86	72	
YPS-U 65/4	75	100		183	182	180	175	168	156	138	129	108	
				244	242	240	235	224	208	184	172	144	

PERFORMANCE CURVE $n_s=3000$ r/m

DIMENSIONS
YPS-U | Horizontal Shafted, End Suction Multistage Pump


Pump Type	Connection Dia.		Dimensions (mm)											
	Inlet	Outlet	c	a_l	b	na	sl	s	sb	sa	sg	h1	h2	H
YPS-U 65/1	4" (DN 100)	2 1/2" (DN 65)	175	1130	150	665	965	15	360	410	80	250	210	460
YPS-U 65/2			250	1337	150	830	1130	15	440	490	100	300	210	510
YPS-U 65/3			325	1552	150	1040	1340	15	540	590	100	350	210	560
YPS-U 65/4			400	1700	200	1065	1465	18	600	650	100	380	210	590



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply

TECHNICAL SPECIFICATIONS

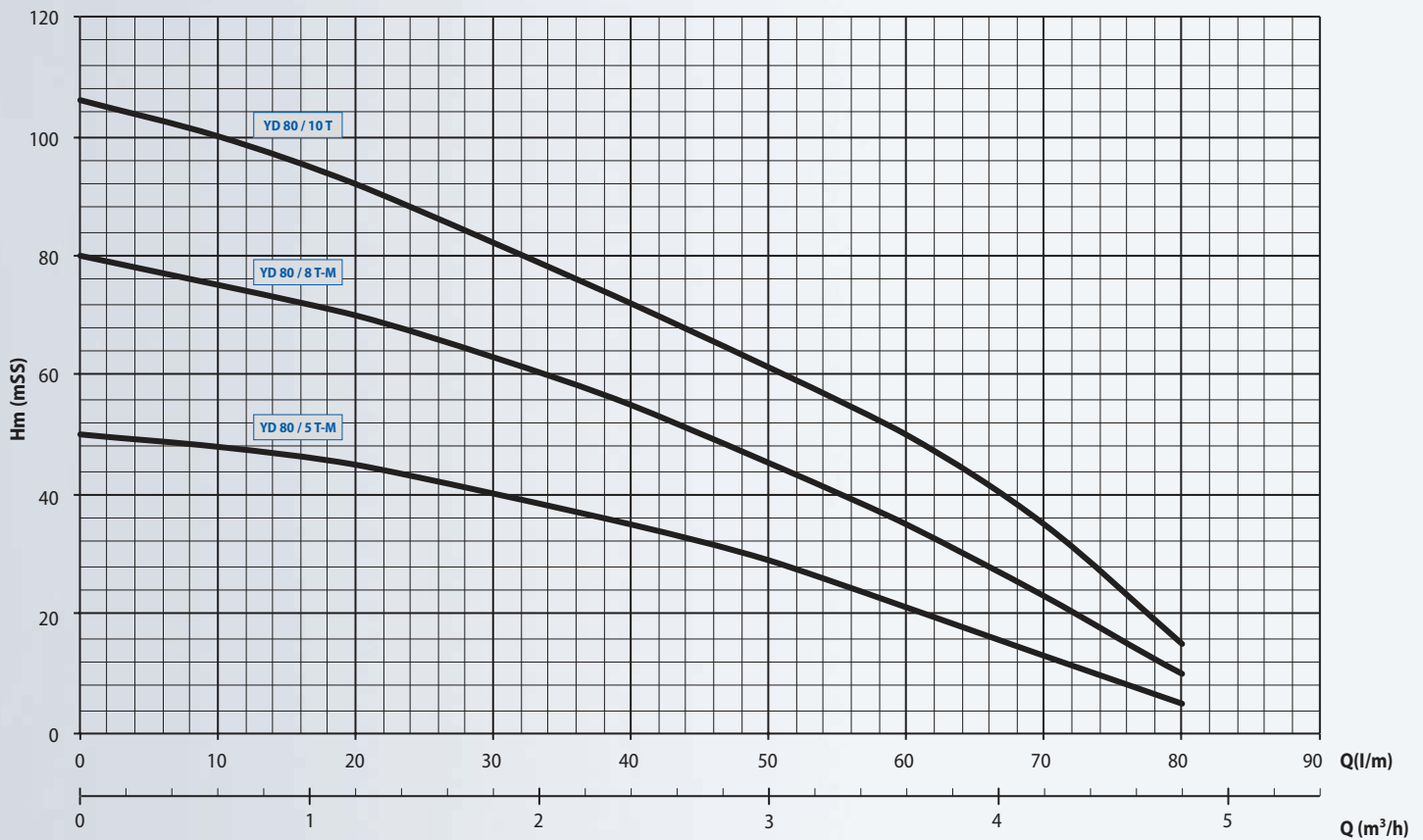
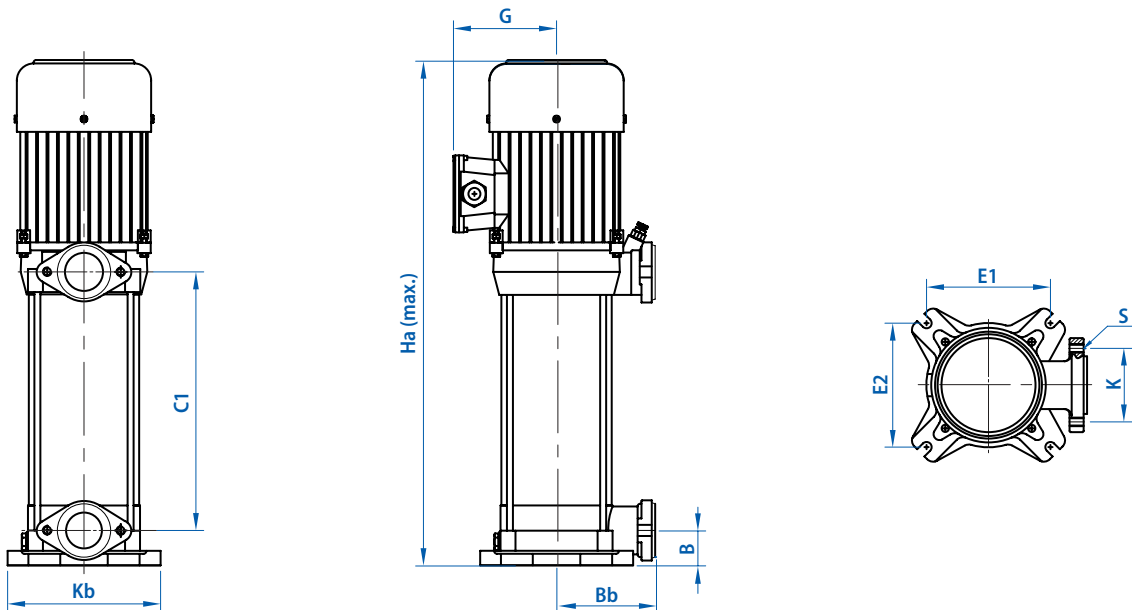
Suction Dia.	: 1 ¼"
Pushing Dia.	: 1 ¼"
Flow (Q) (max.)	: 4,8 m ³ /h
Pushing Height (max.)	: 106 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature (maks.)	: 45 °C
Hull Pressure (max.)	: 16 bar
Operation Voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Suction-Pushing Hull	Pump Liner	Motor Hull	Wheel	Diffuser	Pump Shaft	Mechanical Seal
Cast Iron	AISI 304	Alüminyum	Noryl	Noryl	AISI 304	Carbon- Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)									
	kW	HP		m ³ /h	0	0,6	1,2	1,8	2,4	3	3,6	4,2	4,8
YD 80/5 T-M	0,75	1	L/m	0	10	20	30	40	50	60	70	80	5
YD 80/8 T-M	1,1	1,5		80	75	70	63	55	45	35	22	10	
YD 80/10 T	1,5	2		106	100	92	82	72	61	50	35	15	

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YD | Vertical Multistage Centrifugal Pumps


Pump Type	Connection Dia.		Dimentions (mm)										Weight kg
	Inlet	Outlet	Kb	Bb	B	C1	E1	E2	K	G	S	Ha (max)	
YD 80/5T-M	1 ¼	1 ¼	180	115	40.8	193.5	149	149	86	115	M10	482	18.5
YD 80/8T-M	1 ¼	1 ¼	180	115	40.8	264.5	149	149	86	115	M10	553	20
YD 80/10T	1 ¼	1 ¼	180	115	40.8	312.5	149	149	86	115	M10	601	22

YD 90 | Vertical Multistage Centrifugal Pumps



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply

TECHNICAL SPECIFICATIONS

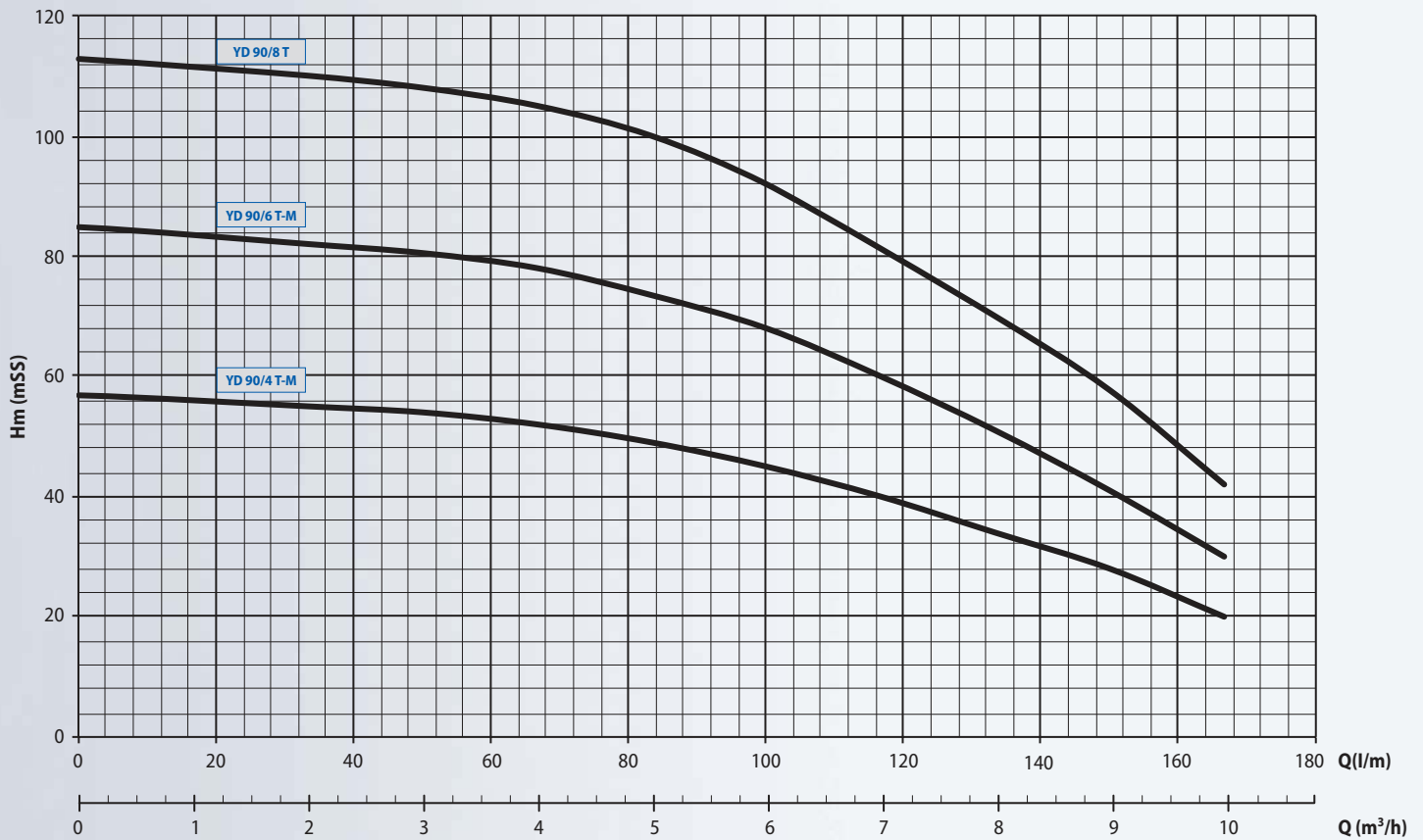
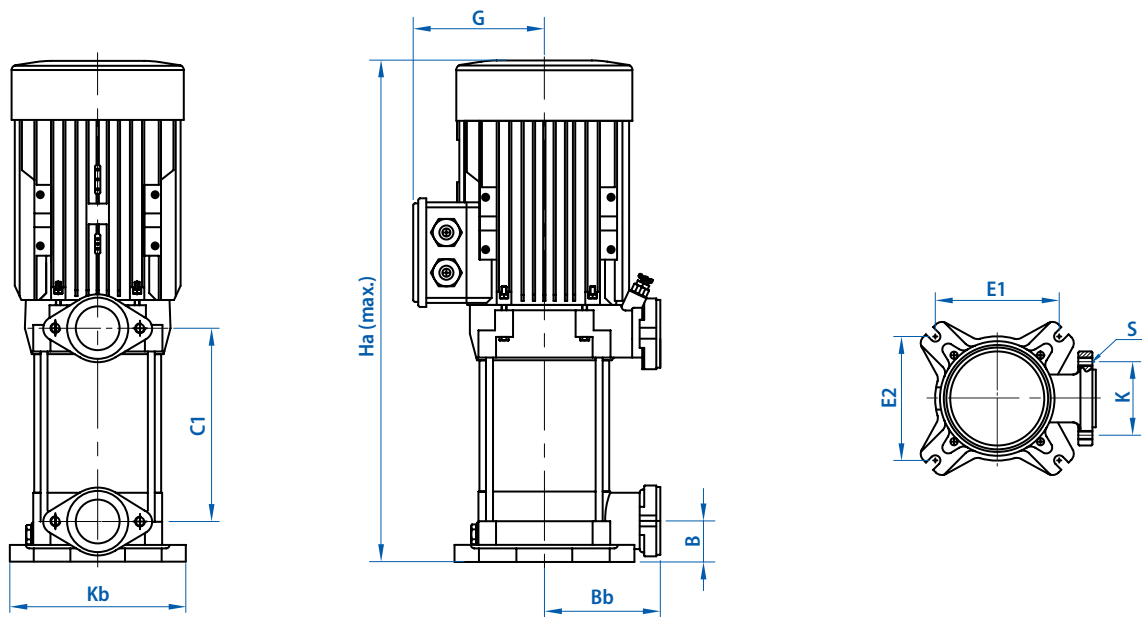
Suction Diameter	: 1 1/4"
Pushing Diameter	: 1"
Flow (Q) (maks.)	: 10 m ³ /h
Pushing Height (max.)	: 113 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: 45 °C
Hull Pressure (max.)	: 16 bar
Operational Voltage	: 220 V, 50 Hz (M) / 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Motor Hull	Vortex Wheel	Blades	Pump Shaft	Mechanical Seal
Cast Iron	Cast Iron	Cast Iron	AISI 420	AISI 304	Carbon - Silicon Carbide

PERFORMANCE TABLE

Pump Type	Motor Power		Q	m ³ /h										
	kW	HP		0	1	2	3	4	5	6	7	8	9	10
YD 90/4 T-M	1,5	2	Hm (mSS)	0	17	33	50	67	83	100	117	133	150	167
YD 90/6 T-M	2,2	3		57	56	55	54	52	49	45	40	34	28	20
YD 90/8 T	3	4		85	83,5	82	80,5	78	73,5	68	60	51	41	30
				113	111,3	110	108	105	100	92	81	70	58	42

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YD | Vertical Multistage Centrifugal Pumps


Pump Type	Connection Dia.		Dimentions (mm)										Weight kg
	Inlet	Outlet	Kb	Bb	B	C1	E1	E2	K	G	S	Ha (max)	
YD 90/4 T-M	1 ¼	1 ¼	180	115	40.8	186	149	149	86	125	M10	499	22.5
YD 90/6 T-M	1 ¼	1 ¼	180	115	40.8	242	149	149	86	125	M10	555	25
YD 90/8 T	1 ¼	1 ¼	180	115	40.8	298	149	149	86	125	M10	611	29



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply

MECHANICAL SPECIFICATIONS

Suction Diameter	: 1 ½"
Pushing Diameter	: 1 ½"
Flow (Q) (max.)	: 16 m ³ /h
Pushing Height (max.)	: 130 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature	: 45 °C
Hull Pressure (max.)	: 16 bar
Operational Voltage	: 380 V, 50 Hz (T)

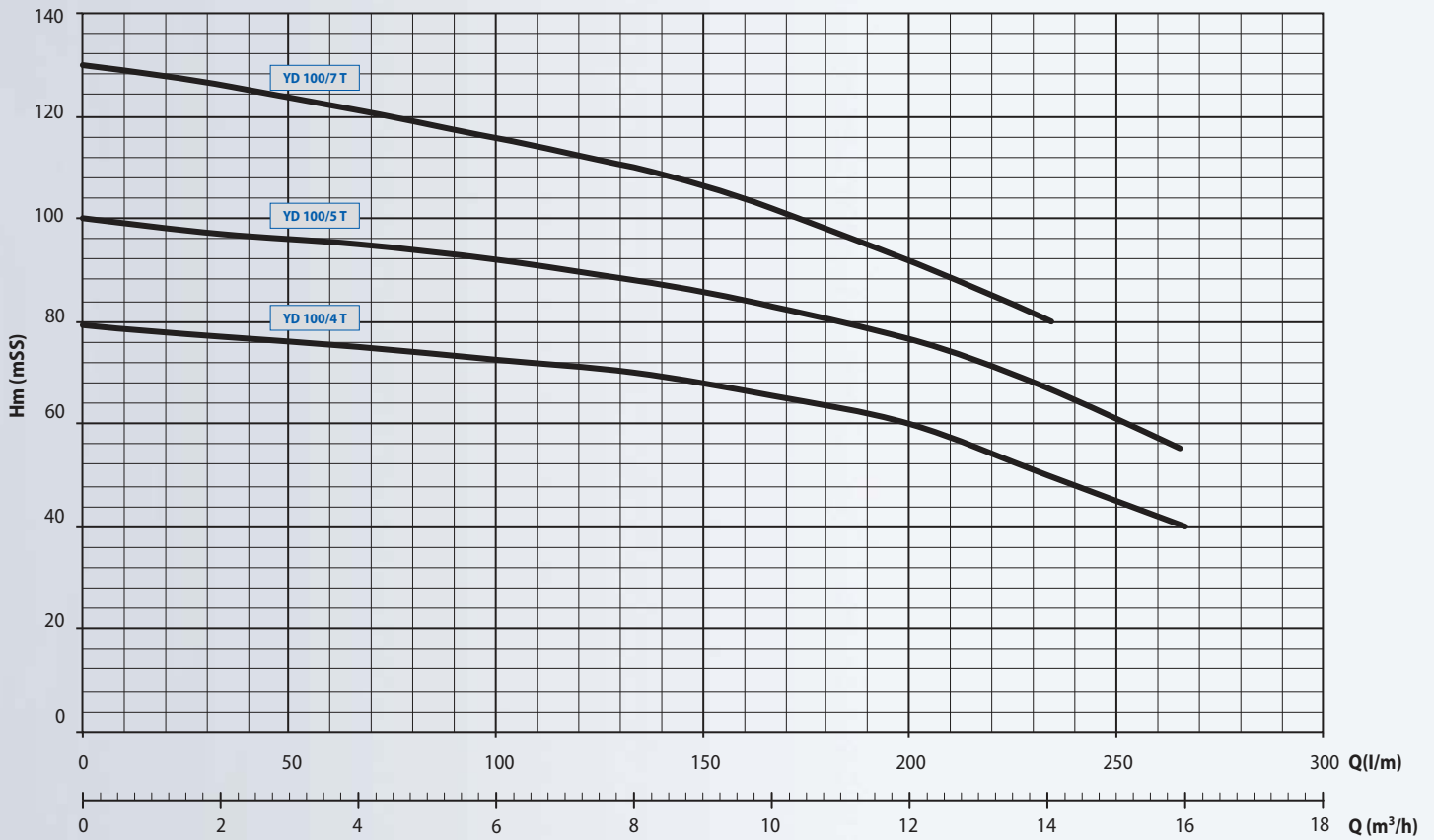
MATERIAL PROPERTY

Suction-Pressing Hull	Pump Liner	Motor Hull	Wheel	Diffusers	Pump Shaft	Mechanical Seal
Cast Iron	AISI 304	Aluminum	Noryl	Noryl	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

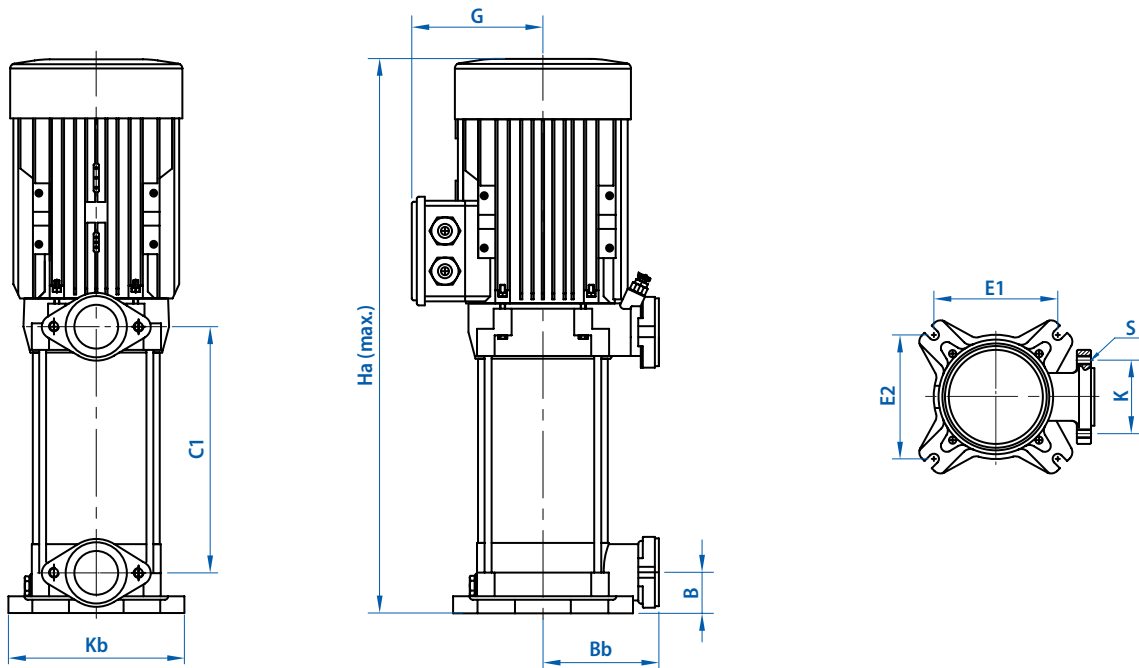
Pump Type	Motor Power		Q	Hm (mSS)									
	kW	HP		m ³ /h	0	2	4	6	8	10	12	14	16
YD 100/4T	4	5,5	L/M	0	33	67	100	133	167	200	233	267	
YD 100/5T	4	5,5		79	77	75	72,5	70	65,5	60	50	40	
YD 100/7T	5,5	7,5		100	97	95	92	88	84	76	67	55	
				130	125	120	115	110	102	92	80	-	

PERFORMANCE CURVE $n_s=3000$ r/m



DIMENSIONS

YD Vertical Multistage Centrifugal Pumps



Pump Type	Connection Dia.		Dimensions (mm)										Weight kg
	Inlet	Outlet	Kb	Bb	B	C1	E1	E2	K	G	S	Ha (max)	
YD 100/4T	1 1/2"	1 1/2"	212	140	49	217	170	170	100	160	M10	570	24
YD 100/5T	1 1/2"	1 1/2"	212	140	49	252	170	170	100	160	M10	604	33
YD 100/7T	1 1/2"	1 1/2"	212	140	49	318	170	170	100	160	M10	710	51



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and garden
- Pressured Water Supply

TECHNICAL SPECIFICATIONS

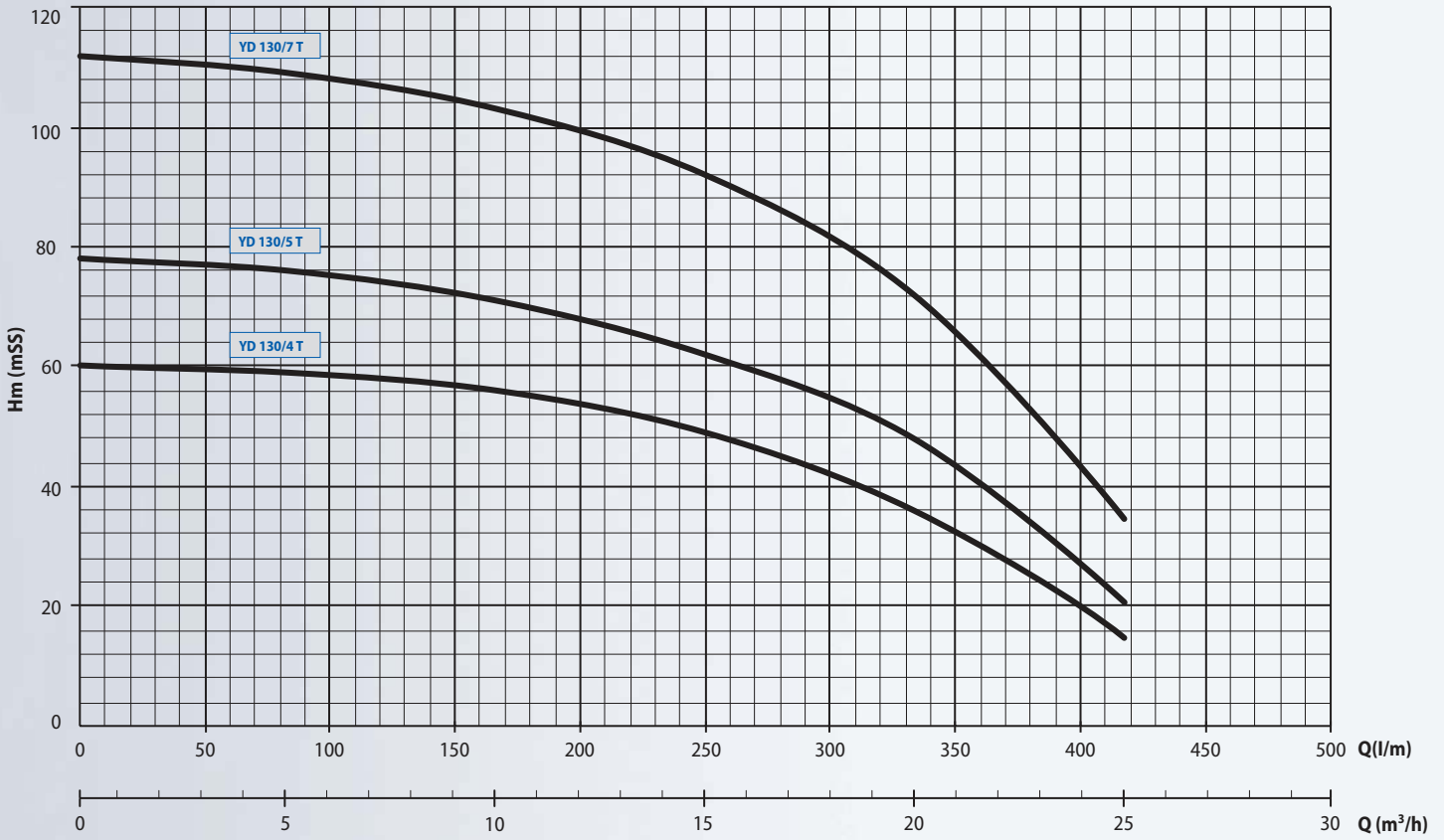
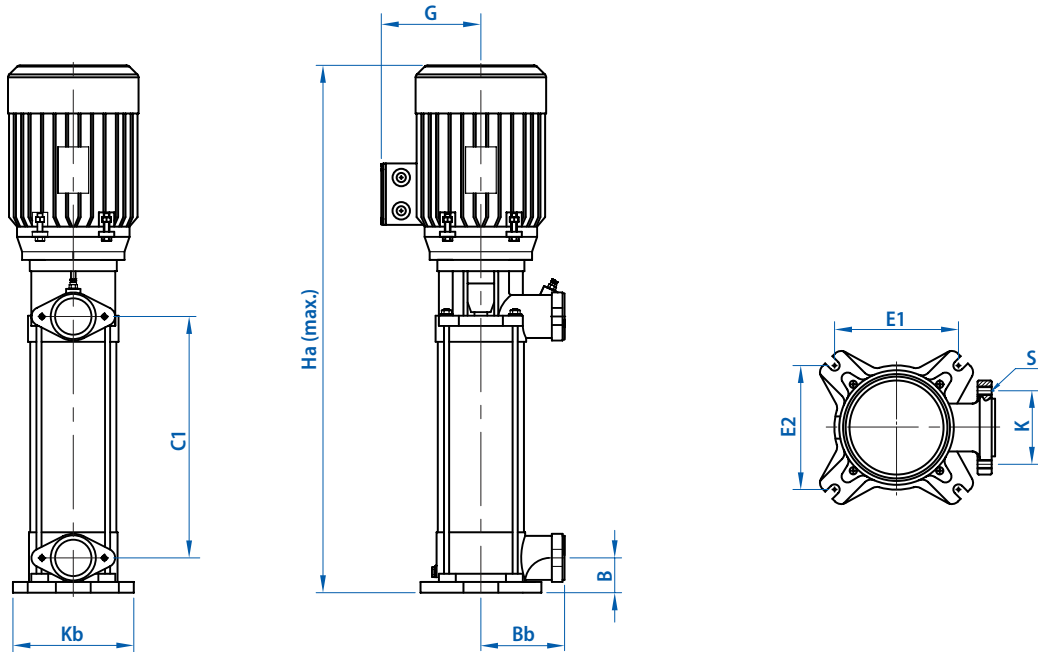
Suction Diameter	: 2"
Pushing Diameter	: 2"
Flow (Q) (max.)	: 26 m ³ /h
Pushing Height (max.)	: 112 mSS
Engine Speed (max.)	: 2900 r/m
Fluid Temperature (max.)	: 45 °C
Hull Pressure (max.)	: 16 bar
Operational Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Suction-Pushing Hull	Pump Liner	Motor Hull	Wheel	Diffuser	Pump Shaft	Mechanical Seal
Cast Iron	AISI 304	Aluminum	Noryl	Noryl	AISI 304	Carbon - Ceramic

PERFORMANCE TABLE

Pump Type	Motor Gücü		Q	Hm (mSS)					
	kW	HP		m ³ /h	0	5	10	15	20
YD 130/4T	4	5,5	0	0	83	167	250	333	417
YD 130/5T	5,5	7,5	60	60	59	56	49	36	15
YD 130/7T	7,5	10	78	78	76	71	62	48	21
			112	112	109	103	92	72	35

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTİONS
YD | Vertical Multistage Centrifugal Pumps


Pump Type	Connection Dia.		Dimentions (mm)										Weight kg
	Giriş	Çıkış	K_b	B_b	B	C_1	E_1	E_2	K	G	S	H_a (max)	
SD 130/4 T	2"	2"	237	162	68	328	186	186	122	182	M10	886	59
SD 130/5 T	2"	2"	237	162	68	377	186	186	122	182	M10	935	74
SD 130/7 T	2"	2"	237	162	68	472	186	186	122	182	M10	1030	104



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply

TECHNICAL SPECIFICATIONS

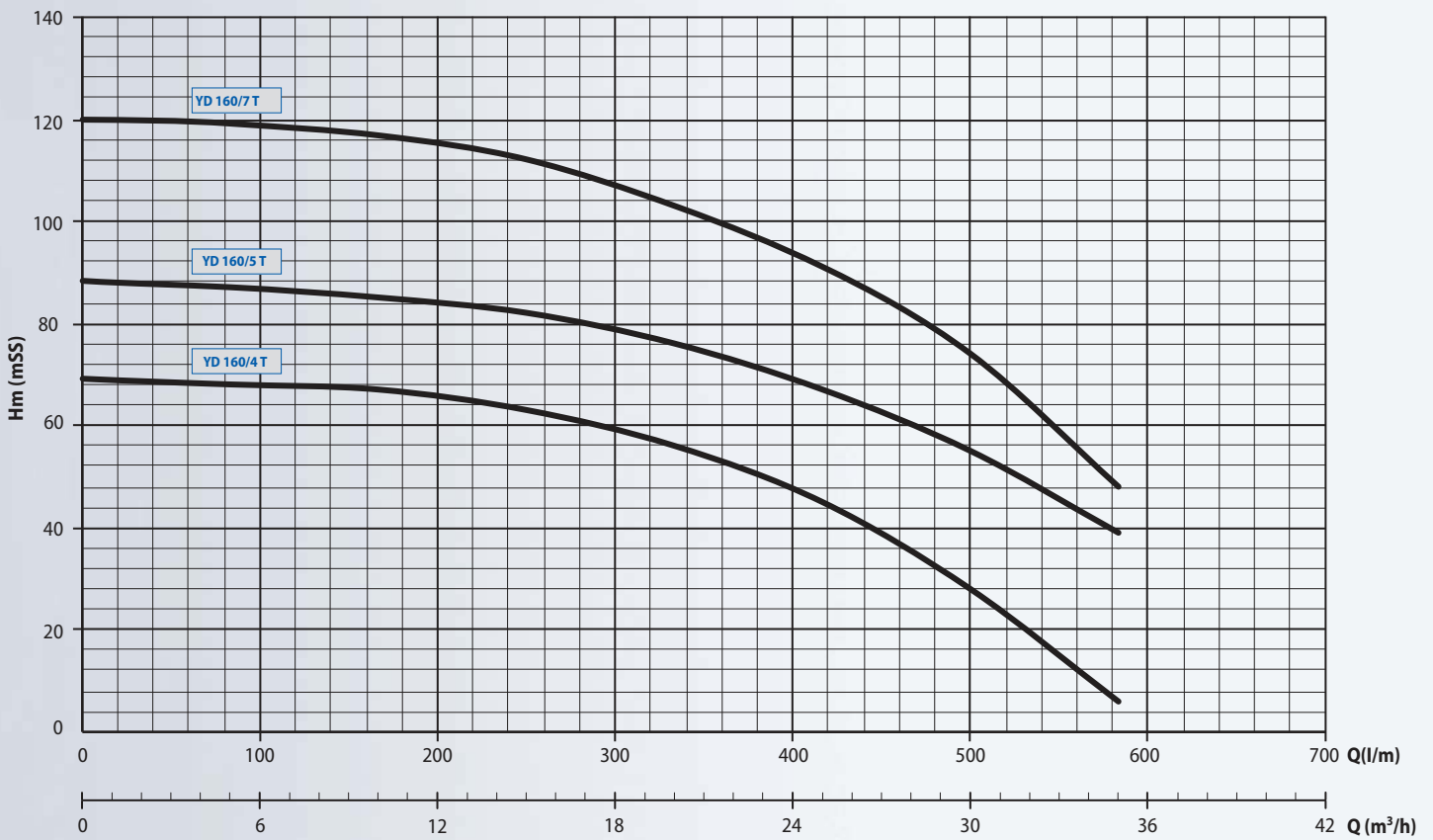
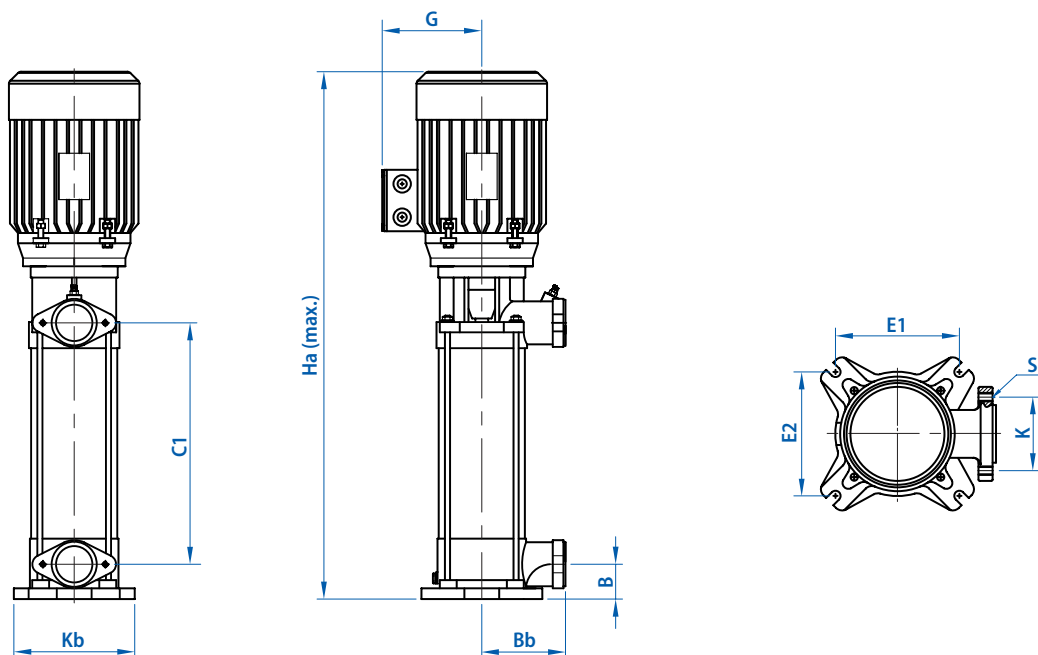
Suction Diameter	: 2"
Pushing Diameter	: 2"
Flow (Q) (max.)	: 35 m ³ /h
Pushing Height (max.)	: 120 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature (max.)	: 45 °C
Hull Pressure (maks.)	: 16 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Suction-Pushing Hull	Pump Hull	Motor Hull	Wheel	Diffuser	Pump Shaft	Mechanical Seal
Cast Iron	AISI 304	Aluminum	Noryl	Noryl	AISI 304	Carbon-Ceramic

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)								
	kW	HP		m ³ /h	0	5	10	15	20	25	30	35
YD 160/4T	5,5	7,5	L/m	0	83	167	250	333	417	500	583	
YD 160/5T	7,5	10		69	68	67	63	56	45	28	6	
YD 160/7T	11	15		88	87	85	82	76	63	45	24	
				120	119	117	112	102	91	74	48	

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YD | Vertical Multistage Centrifugal Pumps


Pump Type	Connection Dia.		Dimentions (mm)										Weight kg
	Inlet	Outlet	Kb	Bb	B	C1	E1	E2	K	G	S	Ha (max)	
YD 160/4 T	2"	2"	237	162	68	328	186	186	122	182	M10	886	55
YD 160/5 T	2"	2"	237	162	68	377	186	186	122	182	M10	935	75
YD 160/7 T	2"	2"	237	162	68	472	186	186	122	182	M10	1030	115



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply
- Boiler Feeding Systems
- Purification Facilities

TECHNICAL SPECIFICATIONS

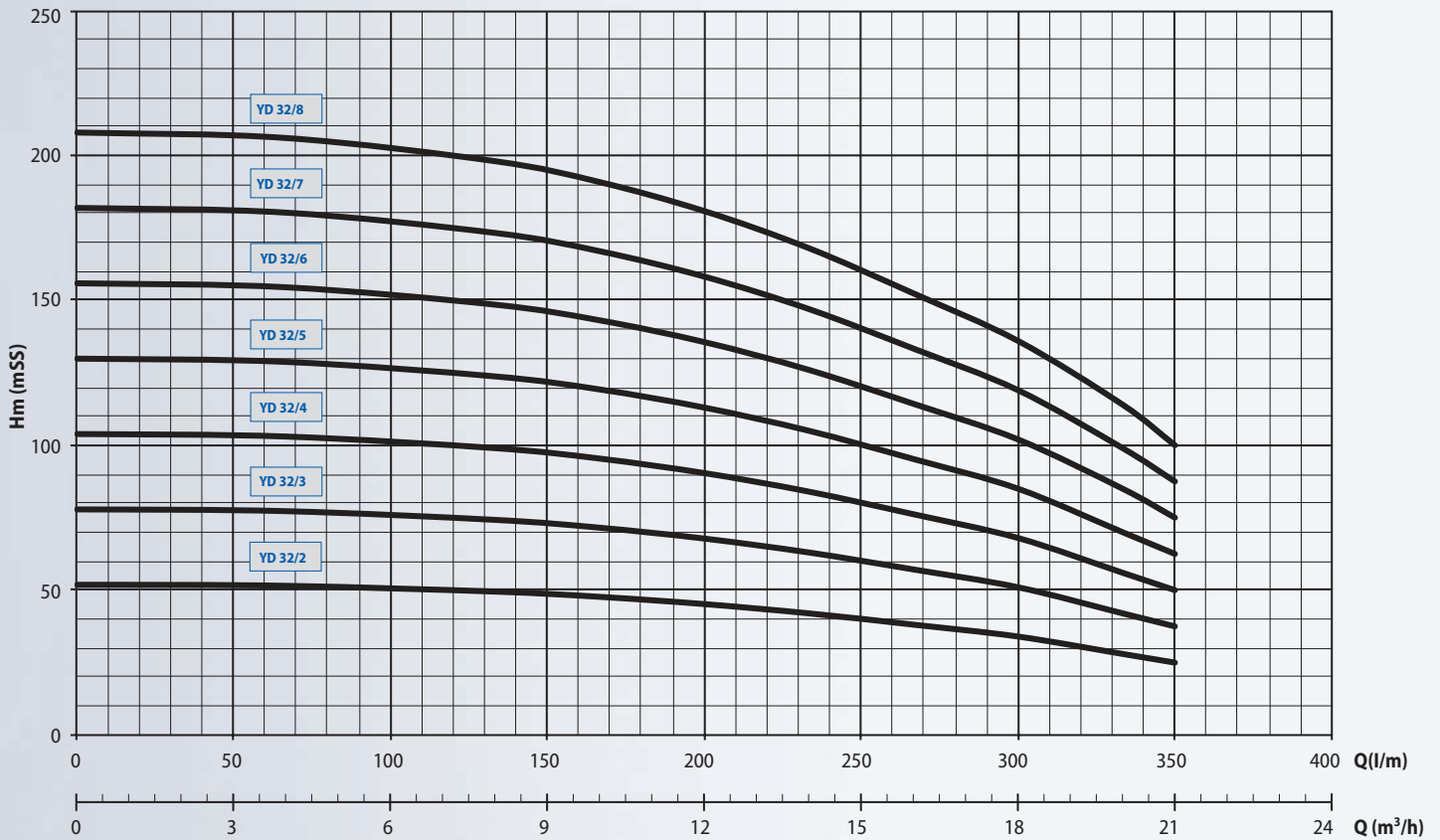
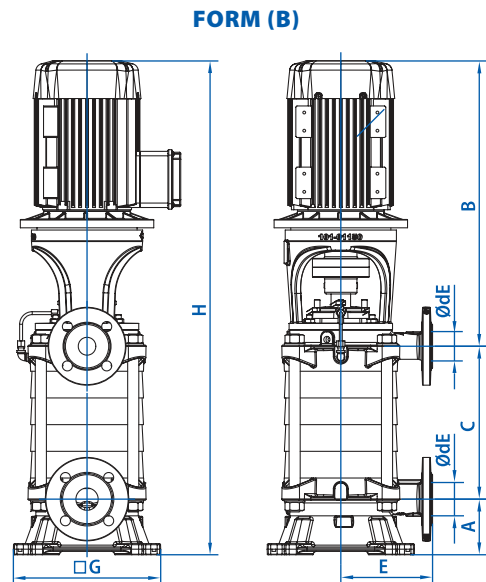
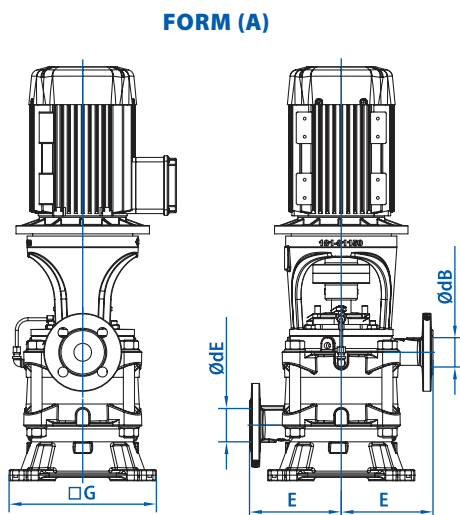
Suction Dia.	: 1 ½"
Pushing Dia.	: 1 ¼"
Flow (Q) (maks.)	: 21 m ³ /h
Pushing Height (max.)	: 208 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Hull Pressure (maks.)	: 40 bar
Operation Volatage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffuser / Stage Hull	Pump Shaft	Impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanical

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)									
	kW	HP		0	4	8	10	12	14	16	18	20	21
YD 32/2	4	5.5	0	52.0	51.5	49.5	47.7	45.2	42.0	38.1	34.0	28.0	25.0
YD 32/3	5.5	7.5	0	78.0	77.3	74.3	71.6	67.8	63.0	57.2	51.0	42.0	37.5
YD 32/4	7.5	10	0	104.0	103.0	99.0	95.4	90.4	84.0	76.2	68.0	56.0	50.0
YD 32/5	7.5	10	0	130.0	128.8	123.8	119.3	113.0	105.0	95.3	85.0	70.0	62.5
YD 32/6	11	15	0	156.0	154.5	148.5	143.1	135.6	126.0	114.3	102.0	85.0	75.0
YD 32/7	11	15	0	182.0	180.3	173.3	167.0	158.2	147.0	133.4	119.0	99.0	87.5
YD 32/8	15	20	0	208.0	206.0	198.0	190.8	180.8	168.0	152.4	136.0	114.0	100.0

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTIONS
YD | Vertical Multistage Single Block Centrifugal Pumps


Pump Type	Motor Power		Form	Connection Dia.		Dimentions (mm)					
	kW	HP		Inlet	Outlet	A	C	B	H	G	E
YD 32/2	3	4	A	1 ½"	1 ¼"	100	131	476	707	256	165
YD 32/3	4	5.5					179	511	790		
YD 32/4	5.5	7.5	227				555	882			
YD 32/5	7.5	10	275				620	995			
YD 32/6	11	15	323				620	1043			
YD 32/7	15	20	371				715	1186			
YD 32/8	15	20	419				715	1234			



DESCRIPTION

YD series pumps are vertical multistage centrifugal pumps. Designed for applications requiring high pressure. Ideal for pressing non solid particles existed, non-corrosive and non explosive clean liquids. They are quiet running pumps.

FIELDS OF USE

- Hydrophore Groups
- Hospitals
- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply
- Boiler Feeding Systems
- Purification Facilities

TECHNICAL SPECIFICATIONS

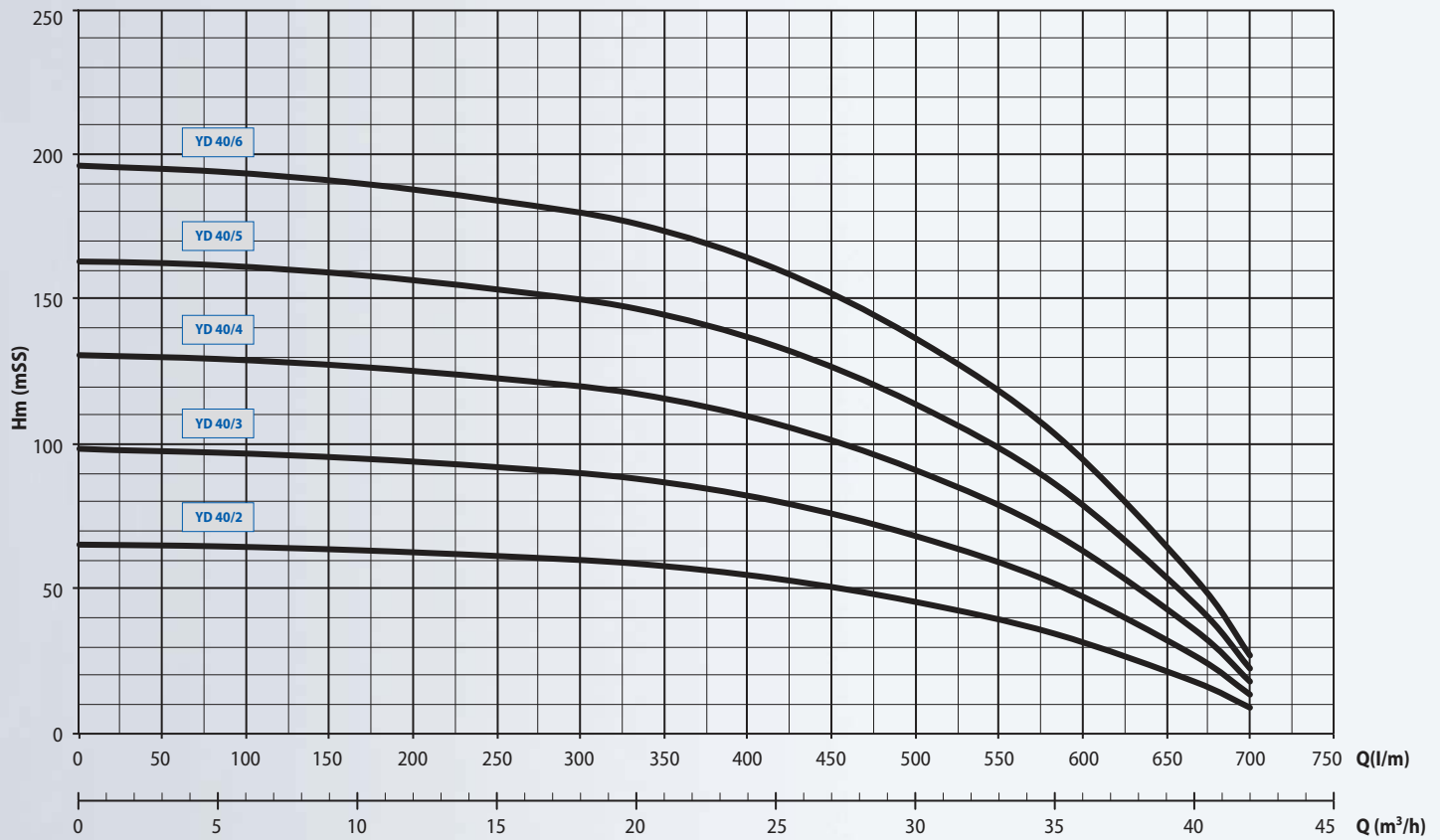
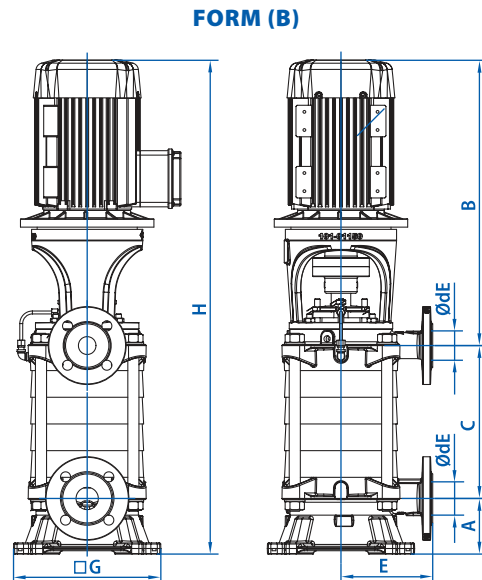
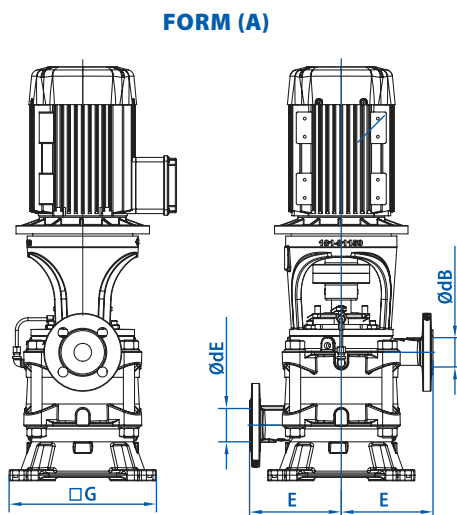
Suction Dia.	: 2"
Pushing Dia.	: 1 1/2"
Flow (Q) (maks.)	: 42 m ³ /h
Pushing Height (max.)	: 196 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10°C (min.) / +140 °C (max.)
Hull Pressure (max.)	: 40 bar
Operation Voltage	: 380 V, 50 Hz (T)

MATERIAL PROPERTY

Pump Hull	Wheel	Diffuser / Stage Hull	Pump Shaft	Impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanical

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm(mSS)										
	kW	HP		m ³ /h	0	5	10	15	20	25	30	35	40	42
YD 40/2	7.5	10	L/m	0	83	167	250	333	417	500	583	667	700	
YD 40/3	11	15		65.3	64.7	63.3	61.3	58.7	53.5	45.5	34.5	18.0	9.0	
YD 40/4	15	20		98.0	97.0	95.0	92.0	88.0	80.3	68.3	51.8	27.0	13.5	
YD 40/5	18.5	25		130.7	129.3	126.7	122.7	117.3	107.0	91.0	69.0	36.0	18.0	
YD 40/6	22	30		163.3	161.7	158.3	153.3	146.7	133.8	113.8	86.3	45.0	22.5	
				196.0	194.0	190.0	184.0	176.0	160.5	136.5	103.5	54.0	27.0	

PERFORMANCE CURVE $n_s=3000$ r/m

DİMENTİONS
YD Vertical Multistage, Single Block Centrifugal Pumps


Pump Type	Motor Power		Form	Connection Dia.		Dimensions (mm)					
	kW	HP		Inlet	Outlet	A	C	B	H	G	E
SD 40/2	7.5	10	A	2	1 ½"	107	145	628	880	265	170
SD 40/3	11	15					200	628	935		
SD 40/4	15	20	255				723	1085			
SD 40/5	18.5	25	310				723	1140			
SD 40/6	22	30	365				776	1248			
SD 40/7	30	40	420				812	1339			
SD 40/8	30	40	475				812	1394			



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FIELDS OF USE

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- Residential Areas
- Hotels
- Residential Complexes
- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply
- Boiler Feeding Systems
- Purification Facilities

TECHNICAL SPECIFICATIONS

Suction Dia.	: 2"
Pushing Dia.	: 2 1/2"
Flow (Q) (max)	: 58 m ³ /h
Pressure Height (max.)	: 228 mSS
Motor Sped (max.)	: 2900 r/m
Fluid Temperature	: -10 °C (min.) / +140 °C (max.)
Hull Pressure (max.)	: 40 bar
Operation Voltage	: 380 V, 50 Hz (T)

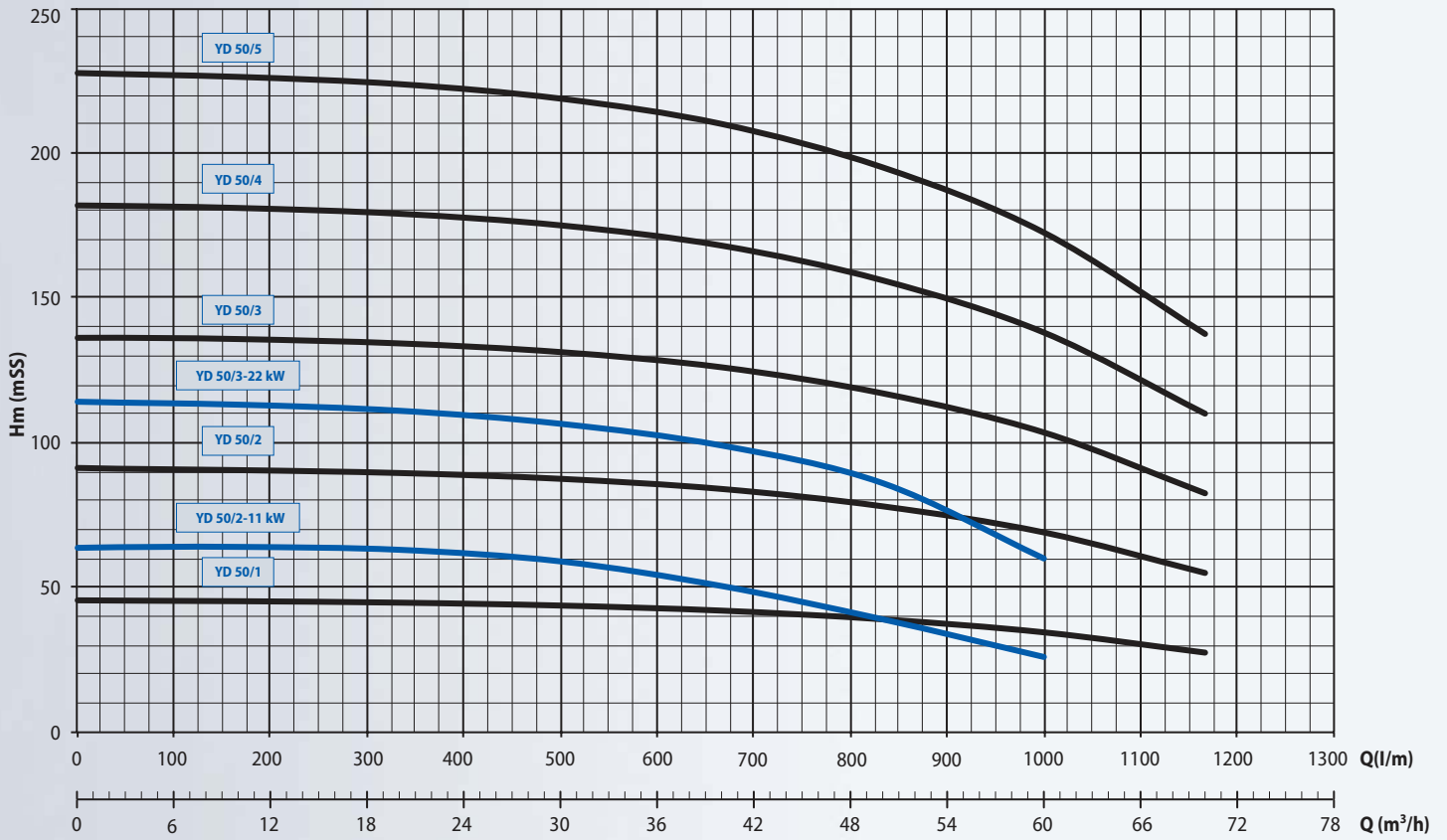
MATERIAL PROPERTY

Pump Hull	Wheel	Diffuser / Stage Hull	Pump Shaft	Impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanical

PERFORMANCE TABLE

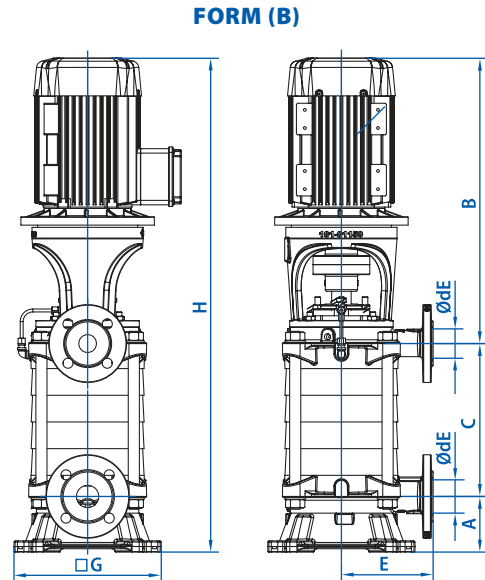
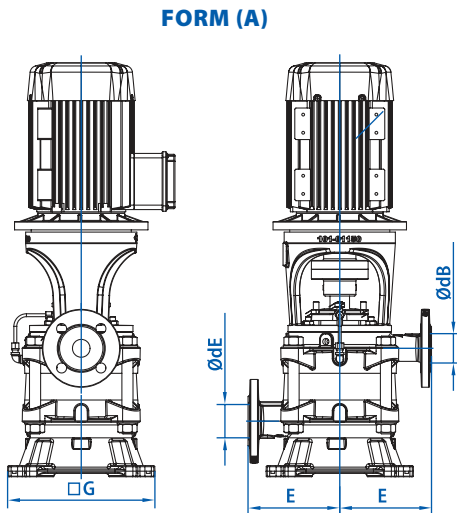
Pump Type	Motor Power		Q	Hm (mSS)							
	kW	HP		m ³ /h	0	10	20	30	40	50	60
YD 50/1	11	15	L/m	0	167	333	500	667	833	1000	1167
YD 50/2	11	15		45.5	45.25	44.75	43.75	42	39	34.5	27.5
YD 50/2	22	30		64	64	63	59	51	39	26	-
YD 50/3	22	30		91	90.5	89.5	87.5	84	78	69	55
YD 50/3	30	40		114	113	111	107	99	86	60	-
YD 50/4	45	60		136.5	135.75	134.25	131.25	126	117	103.5	82.5
YD 50/5	55	75		182	181	179	175	168	156	138	110
				227.5	226.25	223.75	218.75	210	195	172.5	137.5

PERFORMANCE CURVE $n_s=3000$ r/m



DİMENTIONS

YD Vertical Multistage, Single Block Centrifugal Pumps



Pump Type	Motor Power		Form	Connection Dia.		Boyutlar (mm)					
	kW	HP		Inlet	Outlet	A	C	B	H	G	E
YD 50/2	11	15	A	2 1/2"	2"	115	170	654	939	315	190
YD 50/3	18.5	25					234	808	1157		
YD 50/3	30	40					235	843	1193		
YD 50/4	22	30	298				808	1221			
YD 50/4	37	50	299				843	1257			
YD 50/5	45	60	362				843	1320			
YD 50/5	55	75	363	913	1391						



DESCRIPTION

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FIELDS OF USE

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- Residential Areas
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- Holiday Resorts
- Shopping Centers
- Social Facilities
- Firefighting Systems
- Vineyard and Gardening Irrigation
- Pressured Water Supply
- Boiler Feeding Systems
- Purification Facilities

TECHNICAL SPECIFICATIONS

Suction Dia.	: 3"
Pushing Dia.	: 2 1/2"
Flow (Q) (max.)	: 110 m ³ /h
Pushing Height (max.)	: 183 mSS
Motor Speed (max.)	: 2900 r/m
Fluid Temperature	: -10 °C (min.) / +140 °C (max.)
Hull Pressure (max.)	: 40 bar
Operation Voltage	: 380 V, 50 Hz (T)

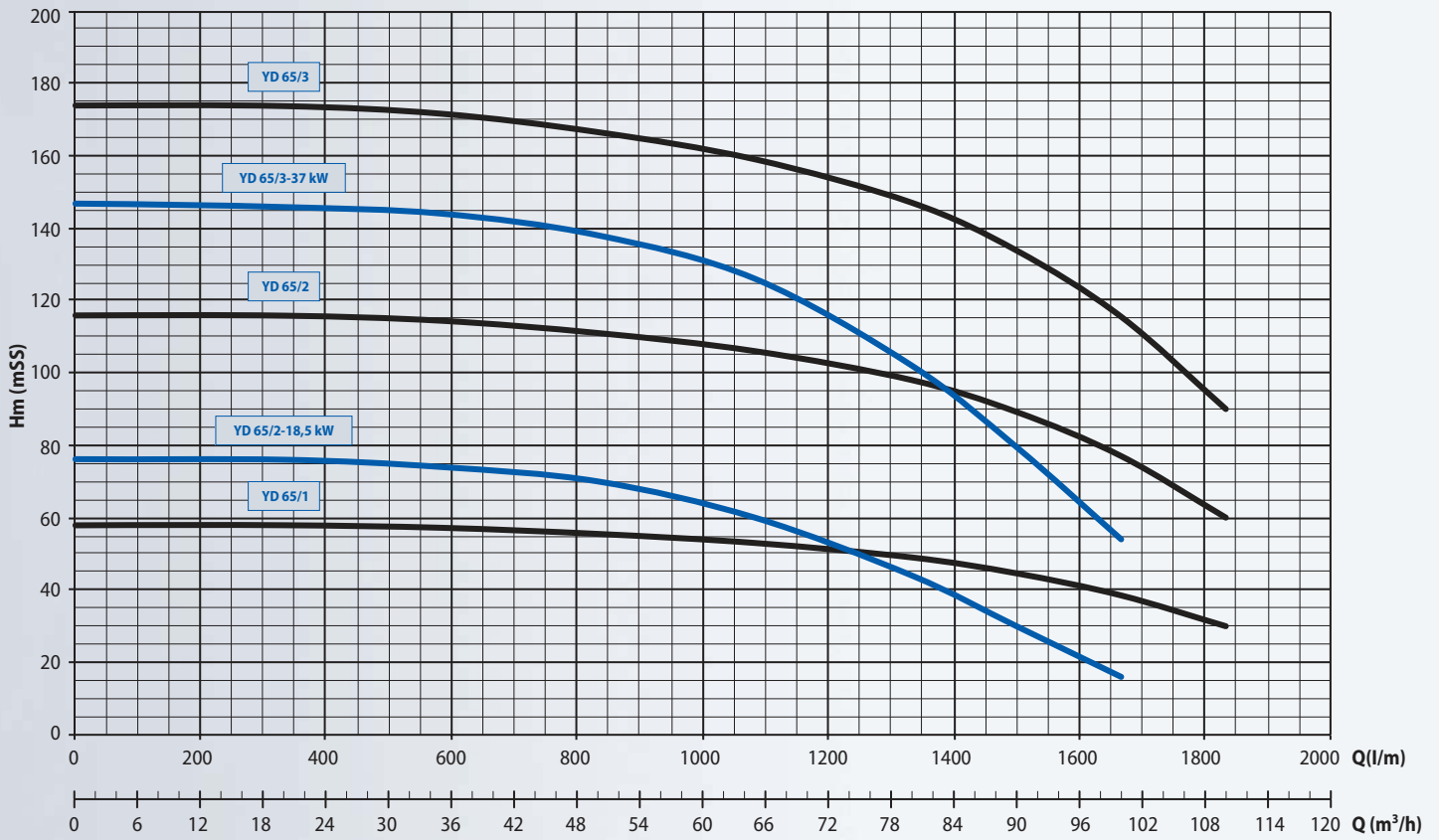
MATERIAL PROPERTY

Pump Hull	Wheel	Diffuser / Stage Hull	Pump Shaft	Impermeability
Cast Iron	Cast Iron	Cast Iron	AISI 420	Soft / Mechanical

PERFORMANCE TABLE

Pump Type	Motor Power		Q	Hm (mSS)									
	kW	HP		m ³ /h	0	20	35	50	65	80	90	100	110
YD 65/1	18,5	25	L/m	0	333	583	833	1083	1333	1500	1667	1833	
YD 65/2	18,5	25	Hm (mSS)	58	57.9	57.2	55.5	53	49	44.6	38.5	30	
YD 65/2	37	50		76	76	74	70	60	44	30	16	-	
YD 65/3	37	50		116	115.8	114.4	111	106	98	89.2	77	60	
YD 65/3	55	75		147	145.8	144	138	126	102	79.5	54	-	
YD 65/3	55	75		174	173.7	171.6	166.5	159	147	133.8	115.5	90	

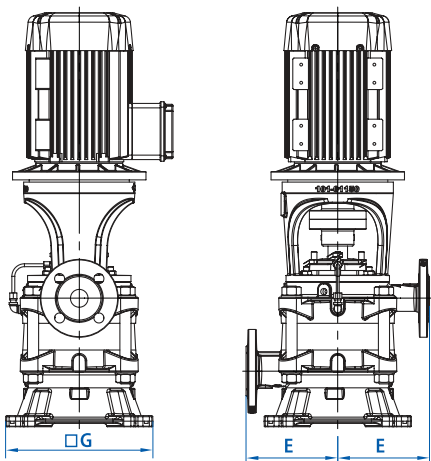
PERFORMANCE CURVE $n_s=3000$ r/m



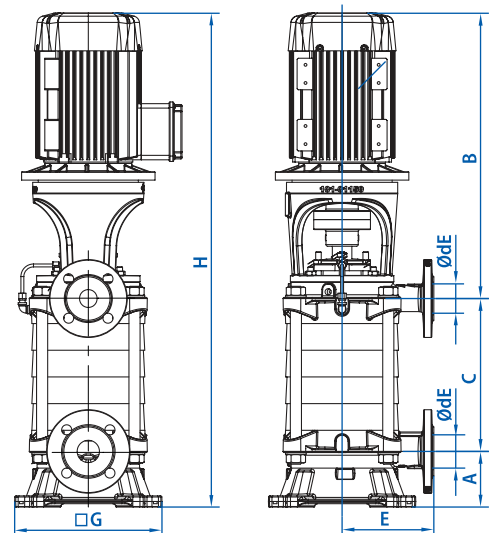
DİMENTIONS

YD Vertical Multistage, Single Block Centrifugal Pumps

FORM (A)



FORM (B)



Pump Type	Motor Power		Form	Connection Dia.		Dimention (mm)					
	kW	HP		Inlet	Outlet	A	C	B	H	G	E
YD 65/1	15	20	A	3"	2 1/2"	125	125	764	1014	315	210
YD 65/2	22	30					200	818	1143		
YD 65/2	37	50	B	3"	2 1/2"	125	200	853	1178	315	210
YD 65/3	37	50					275	853	1253		
YD 65/3	55	75					275	923	1420		