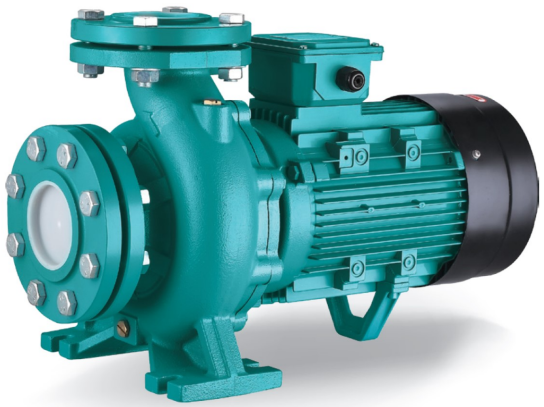
XST (<7.5 kW) Standardisierte Kreiselpumpe aus Gusseisen (<7,5 kW)



Application

- Übertragung von klarem Wasser oder anderen Flüssigkeiten chemisch und physikalisch vergleichbar mit Wasser
- Wasserversorgung und Bewässerung
- Wasserzirkulation in Klimaanlagen

Pompe

- Einstufige Kreiselpumpe
- Durchflussmenge bis 220 m³ / h
- HMT bis 95 m
- Flüssigkeitstemperatur zwischen -10 ° C und 85 ° C
- Maximaler Betriebsdruck von 12 bar
- Turbine aus Edelstahl AISI304 (Modelle XST32, XST40-200) oder HT200
- Trim mechanisch nach DIN 24960
- Kreiselpumpen nach EN 733

Moteur

- Isolationsklasse: F
- Schutzklasse: IP54
- Leistung gemäß IEC 2-3 (IEC 34.1)
- Maximale Umgebungstemperatur: + 40 ° C.

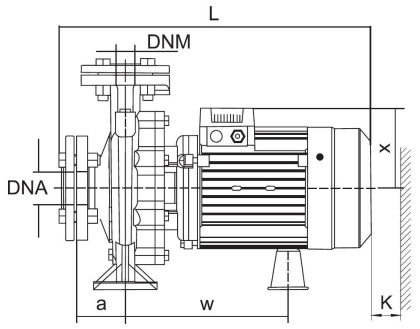
Identifikationscodes

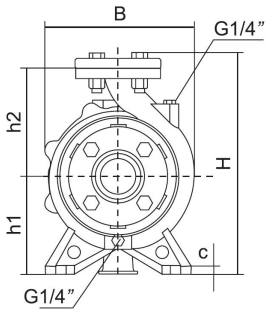
XST m 32 -125 / 11

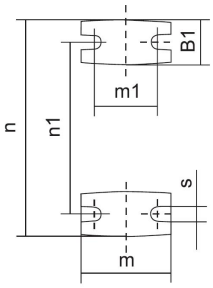
- / 11 — Leistung (1/10 kW)
- -125 — Turbinen-Ø (mm)
- 32 — Auslass-Ø (mm)
- m — Einphasenmotor
- XST — Standard-Kreiselpumpe

Technische Daten

MODEL	kW	Q (m³/h)	0	6	9	15	18	24	27	36	42	48	54	72	84	90	108	120
		Q (l/min)	0	100	150	250	300	400	450	600	700	800	900	1200	1400	1500	1800	2000
XSTm32-125/7	0.75		17.5	16.7	15	12	9											
XST32-125/7	0.75		17.5	16.7	15	12	9											
XSTm32-125/11	1.1		22	21	20.2	17	15	9										
XST32-125/11	1.1		22	21	20.2	17	15	9										
XSTm32-160/15	1.5		24	23.7	22.5	19.5	16.2											
XST32-160/15	1.5		24	23.7	22.5	19.5	16.2											
XSTm32-160/22	2.2		31	29.6	29	25.5	22.5	15										
XST32-160/22	2.2		31	29.6	29	25.5	22.5	15										
XSTm32-160/30	3		34.5	33.5	33	29	26.5	20	16.5									
XST32-160/30	3		34.5	33.5	33	29	26.5	20	16.5									
XST32-200/30	3		43.2	42	40.5	35.2	32.2	24.6	19.8									
XST32-200/40	4		52	50.5	50	45	41.9	35	30.3									
XST32-250/55	5.5		79	74.7	71.8	63	56	37.5										
XST32-250/75	7.5		95	92	89	82	75	57.8										
XSTm40-125/11	1.1		14.7				13	11.5	10.1									
XST40-125/11	1.1		14.7				13	11.5	10.1									
XSTm40-125/15	1.5		18.1				17	15	13.9									
XST40-125/15	1.5		18.1				17	15	13.9									
XSTm40-125/22	2.2		24.5				23.2	21.5	20.2	16	12							
XST40-125/22	2.2		24.5				23.2	21.5	20.2	16	12							
XST40-160/30	3		31.8				29	27.5	26.3	21.5	17.5							
XST40-160/40	4		38				36	34	33	28.5	25	20.1						
XST40-200/55	5.5		44				42	40	38	32	27							
XST40-200/75	7.5		55				52	49	48	42	37	32						
XSTm50-125/22	2.2		17							15.4	14	12.8	11.5					
XST50-125/22	2.2		17							15.4	14	12.8	11.5					
XST50-125/30	3		20							18.8	18	17	15.6					
XST50-125/40	4		24							23.1	22.6	21.5	20.3	15.8				
XST50-160/55	5.5		32							30.6	30	28	26.6	20.5				
XST50-160/75	7.5		40							38	37	36	34.4	29				
XST65-125/40	4		19									17.3	16.8	14.5	13	11.8		
XST65-125/55	5.5		23									21.3	20.9	19	17.5	16.7	13.7	
XST65-125/75	7.5		27									26	25.6	24.5	23	22.5	20	18



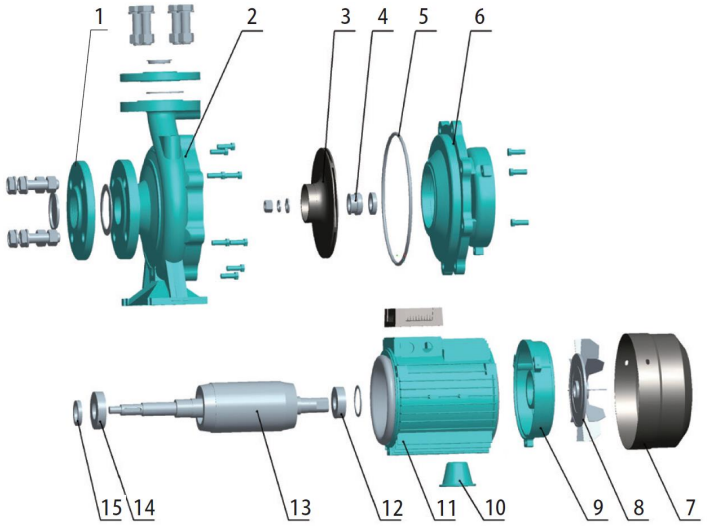




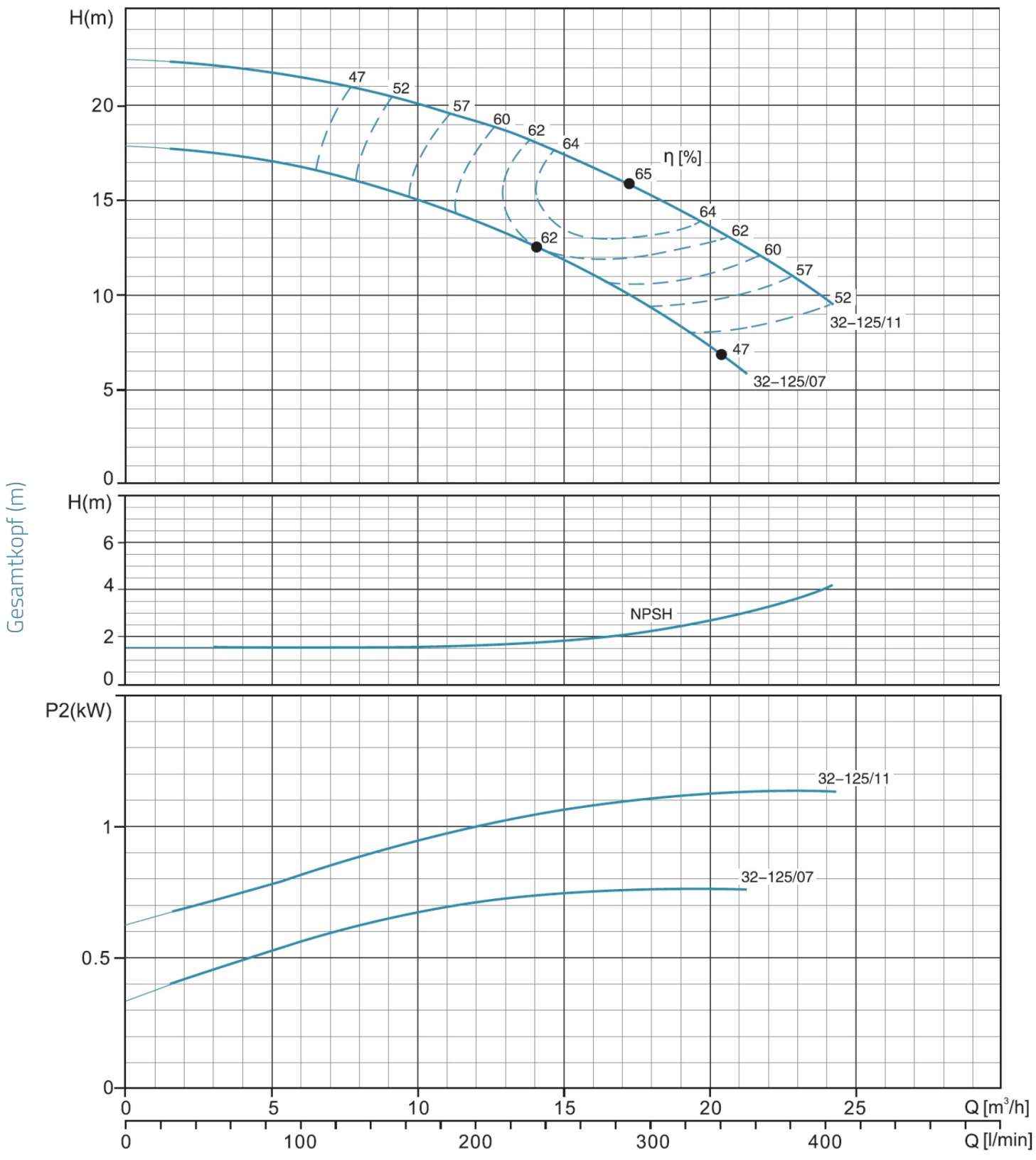
MODEL	DNM	DNA	a	w	x	h2	B1	c	h1	m	m1	n	n1	s	B	H	L	K
XSTm32-125/7	32	50	80	223	113	140	48	12	112	100	70	190	140	15	192	281	427	85
XST32-125/7	32	50	80	223	113	140	48	12	112	100	70	190	140	15	192	281	427	85
XSTm32-125/11	32	50	80	223	113	140	48	12	112	100	70	190	140	15	192	281	427	85
XST32-125/11	32	50	80	223	113	140	48	12	112	100	70	190	140	15	192	281	427	85
XSTm32-160/15	32	50	80	231	123	160	50	16	132	100	70	240	190	14	240	321	430	95
XST32-160/15	32	50	80	231	123	160	50	16	132	100	70	240	190	14	240	321	430	95
XSTm32-160/22	32	50	80	231	123	160	50	16	132	100	70	240	190	14	240	321	430	95
XST32-160/22	32	50	80	231	123	160	50	16	132	100	70	240	190	14	240	321	430	95
XSTm32-160/30	32	50	80	266	141	160	50	16	132	100	70	240	190	14	240	321	496	95
XST32-160/30	32	50	80	266	141	160	50	16	132	100	70	240	190	14	240	321	496	95
XST32-200/30	32	50	80	258	127	180	48	12	160	100	70	240	190	15	248	369	490	95
XST32-200/40	32	50	80	258	127	180	48	12	160	100	70	240	190	15	248	369	490	95
XST32-250/55	32	50	155	264	180	198	60	15	160	100	70	272	212	15	308	386	610	60
XST32-250/75	32	50	155	264	180	198	60	15	160	100	70	272	212	15	308	386	640	60
XSTm40-125/11	40	65	80	255	127	140	45	12	112	100	70	210	160	15	218	282	489	95
XST40-125/11	40	65	80	255	127	140	45	12	112	100	70	210	160	15	218	282	489	95
XSTm40-125/15	40	65	80	255	127	140	45	12	112	100	70	210	160	15	218	282	489	95
XST40-125/15	40	65	80	255	127	140	45	12	112	100	70	210	160	15	218	282	489	95
XSTm40-125/22	40	65	80	255	127	140	45	12	112	100	70	210	160	15	218	282	489	95
XST40-125/22	40	65	80	255	127	140	45	12	112	100	70	210	160	15	218	282	489	95
XST40-160/30	40	65	80	238	127	168	48	12	132	100	70	240	190	15	249	330	494	105
XST40-160/40	40	65	80	238	127	168	48	12	132	100	70	240	190	15	249	330	494	105
XST40-200/55	40	65	100	259	180	180	50	12	160	100	70	264	212	15	275	370	553	105
XST40-200/75	40	65	100	259	180	180	50	12	160	100	70	264	212	15	275	370	583	105
XSTm50-125/22	50	65	100	262	127	160	50	12	132	100	70	240	190	15	243	322	518	110
XST50-125/22	50	65	100	262	127	160	50	12	132	100	70	240	190	15	243	322	518	110
XST50-125/30	50	65	100	262	127	160	50	12	132	100	70	240	190	15	243	322	518	110
XST50-125/40	50	65	100	262	127	160	50	12	132	100	70	240	190	15	243	322	518	110
XST50-160/55	50	65	100	262	180	180	52	12	160	100	70	264	212	15	272	370	556	110
XST50-160/75	50	65	100	262	180	180	52	12	160	100	70	264	212	15	272	370	586	110
XST65-125/40	65	80	100	265	180	180	68	14	160	125	95	280	212	15	283	372	564	110
XST65-125/55	65	80	100	265	180	180	68	14	160	125	95	280	212	15	283	372	564	110
XST65-125/75	65	80	100	265	180	180	68	14	160	125	95	280	212	15	283	372	594	110

Explosionszeichnung

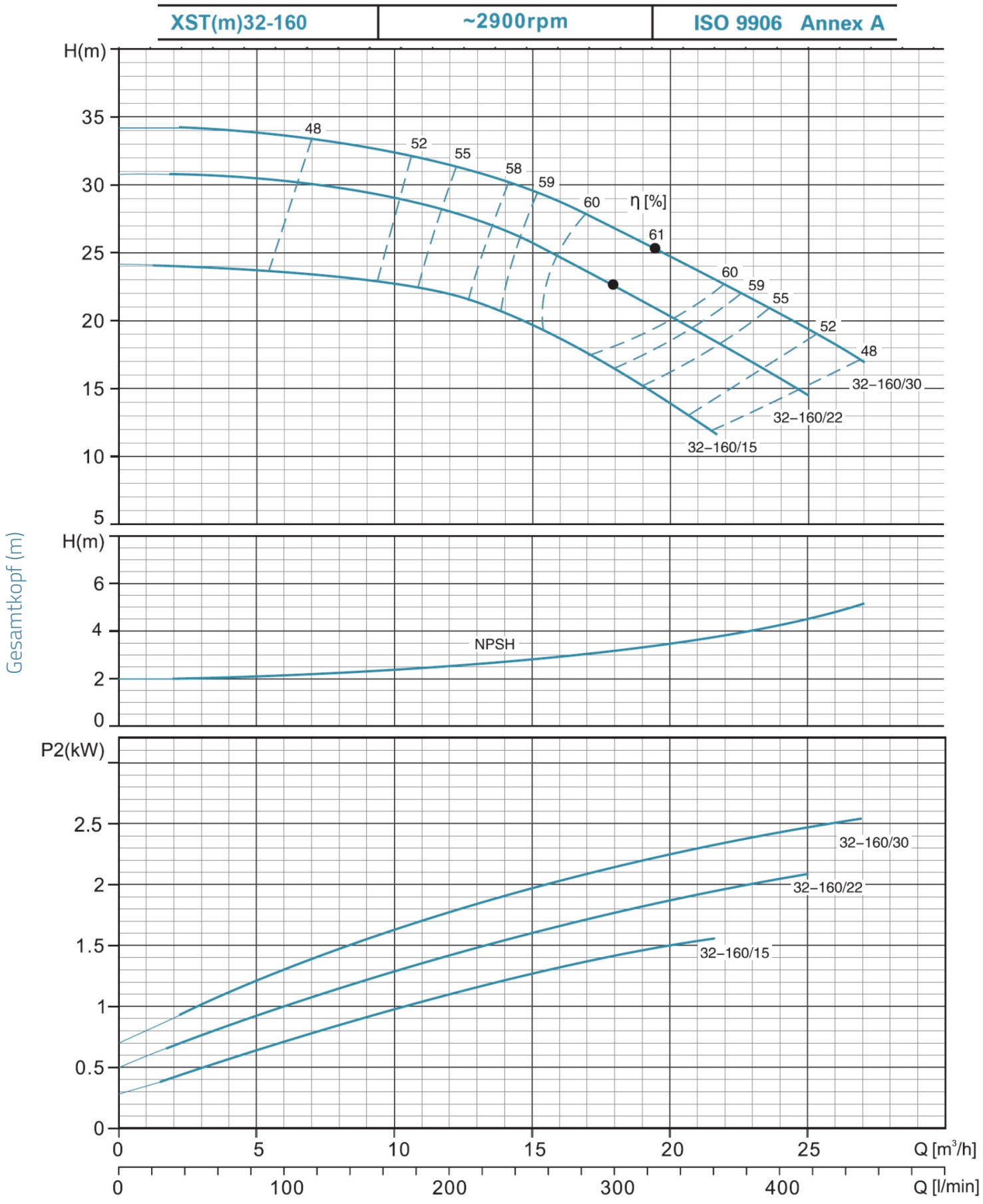
No.	Type	Materialien
1	gegen Flansch	Gusseisen HT200
2	Pumpenkörper	Gusseisen HT200
3	Turbine	Edelstahl AISI 304 / Gusseisen HT200
4	Gleitringdichtung	Kohlenstoff / Keramik
5	Körperdichtung	Nitrilkautschuk (NBR)
6	Pumpenboden	Gusseisen HT200
7	Lüfterabdeckung	Stahl 08F
8	Ventilator	Polypropylen
9	hintere Lagerunterstützung des Motors	Aluminiumguss ZL102
10	Fuß	Gusseisen HT200
11	Stator	
12	rollen	
13	Rotor	
14	rollen	
15	Öldichtung	

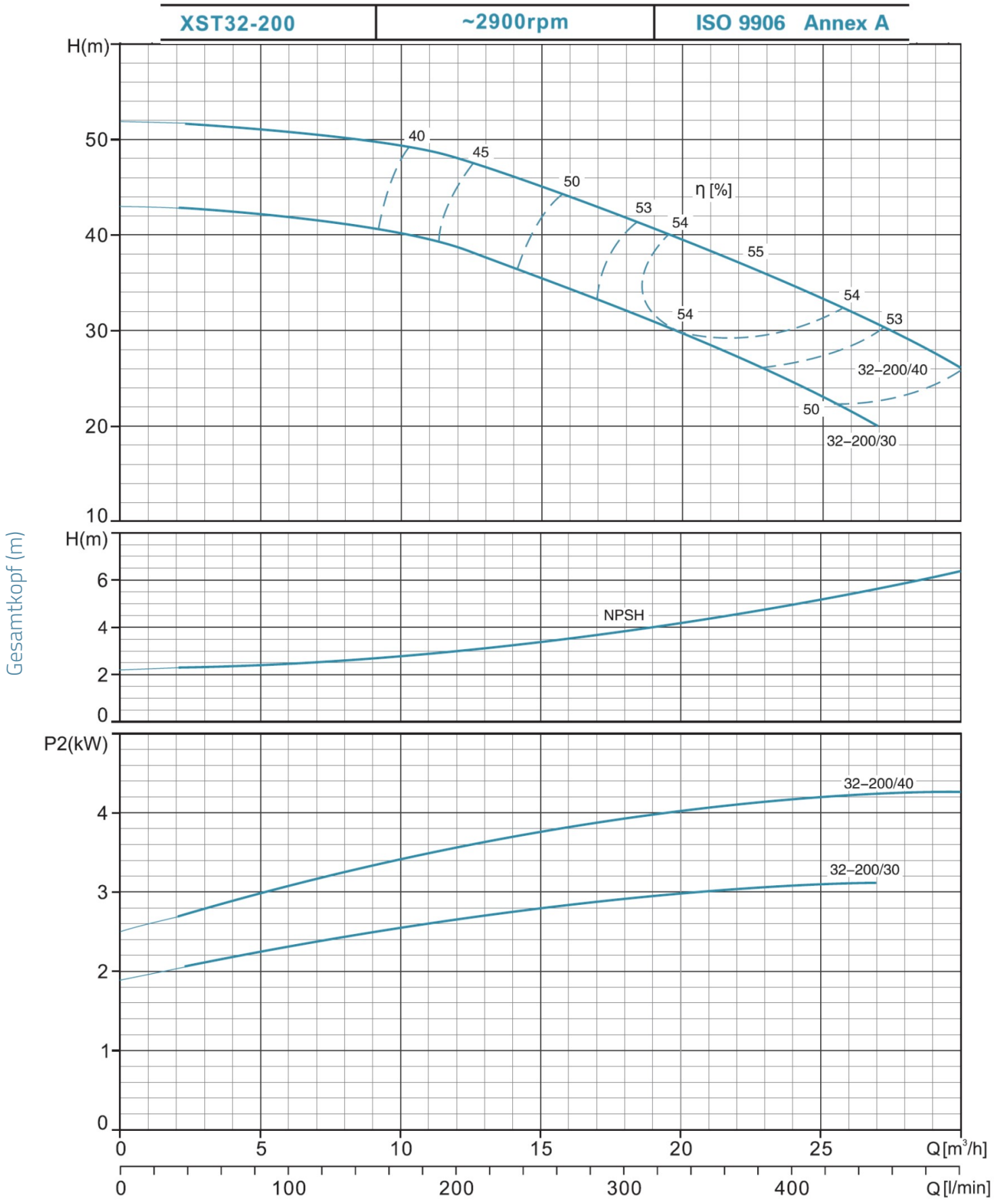


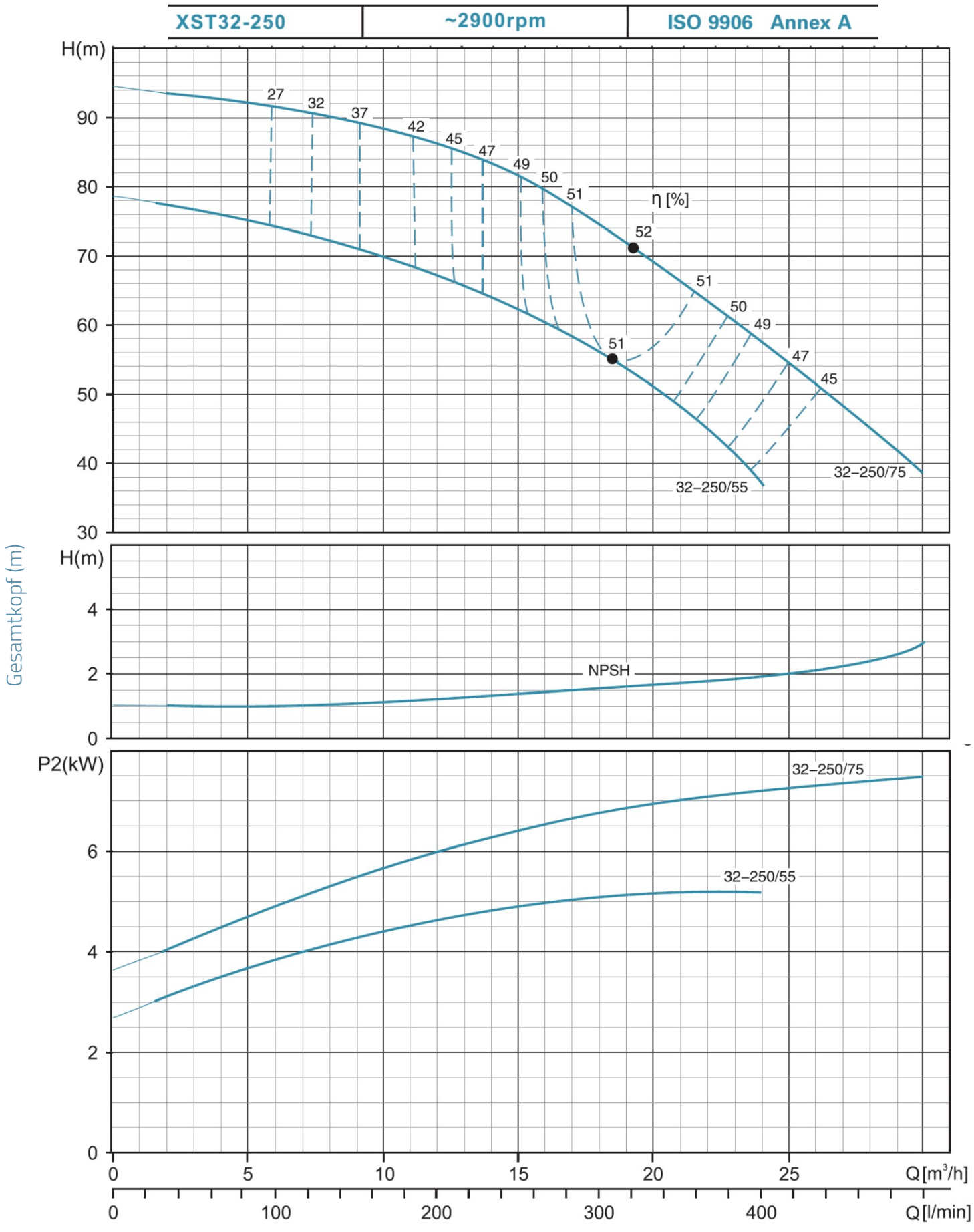
XST(m)32-125	~2900rpm	ISO 9906 Annex A

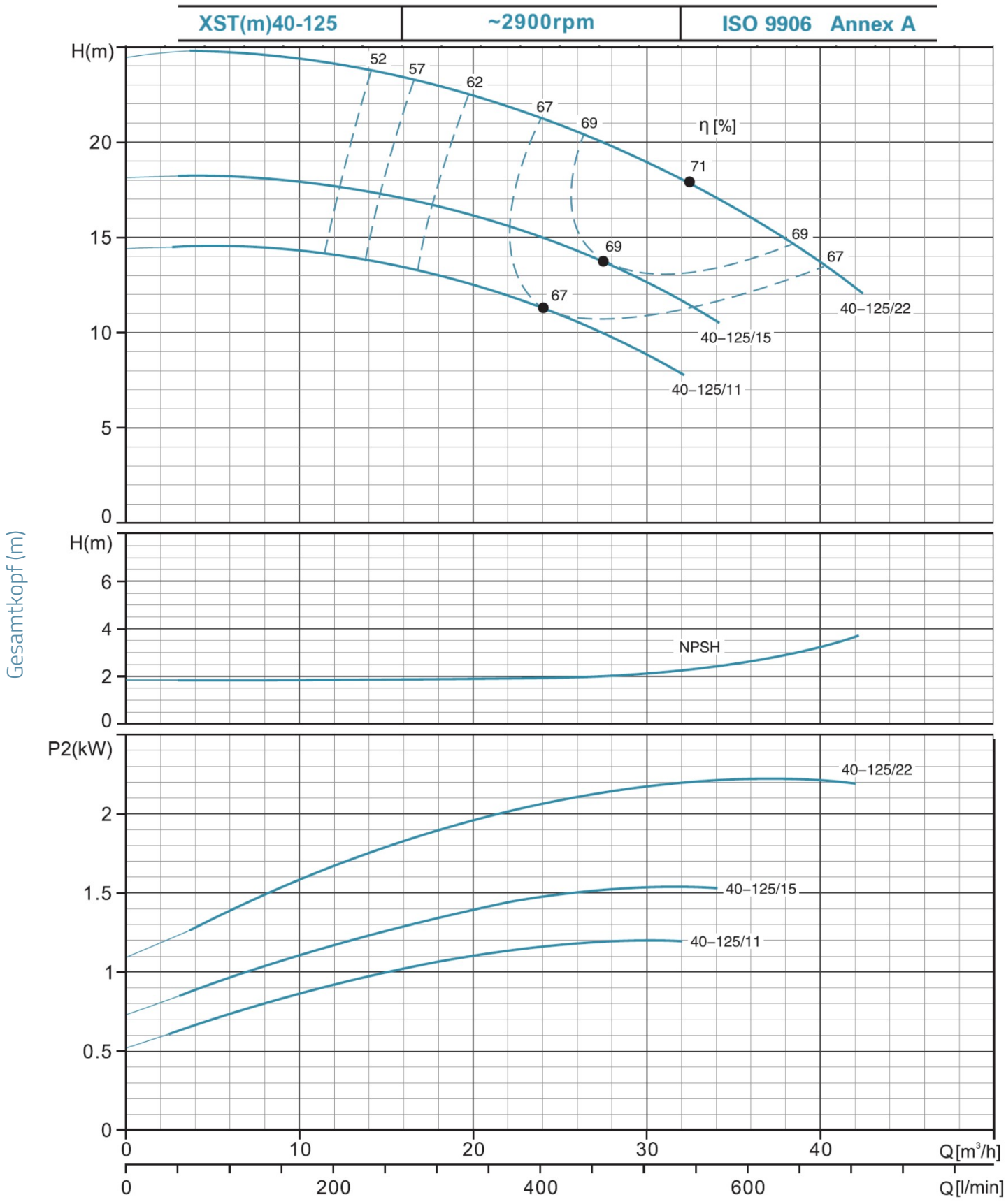


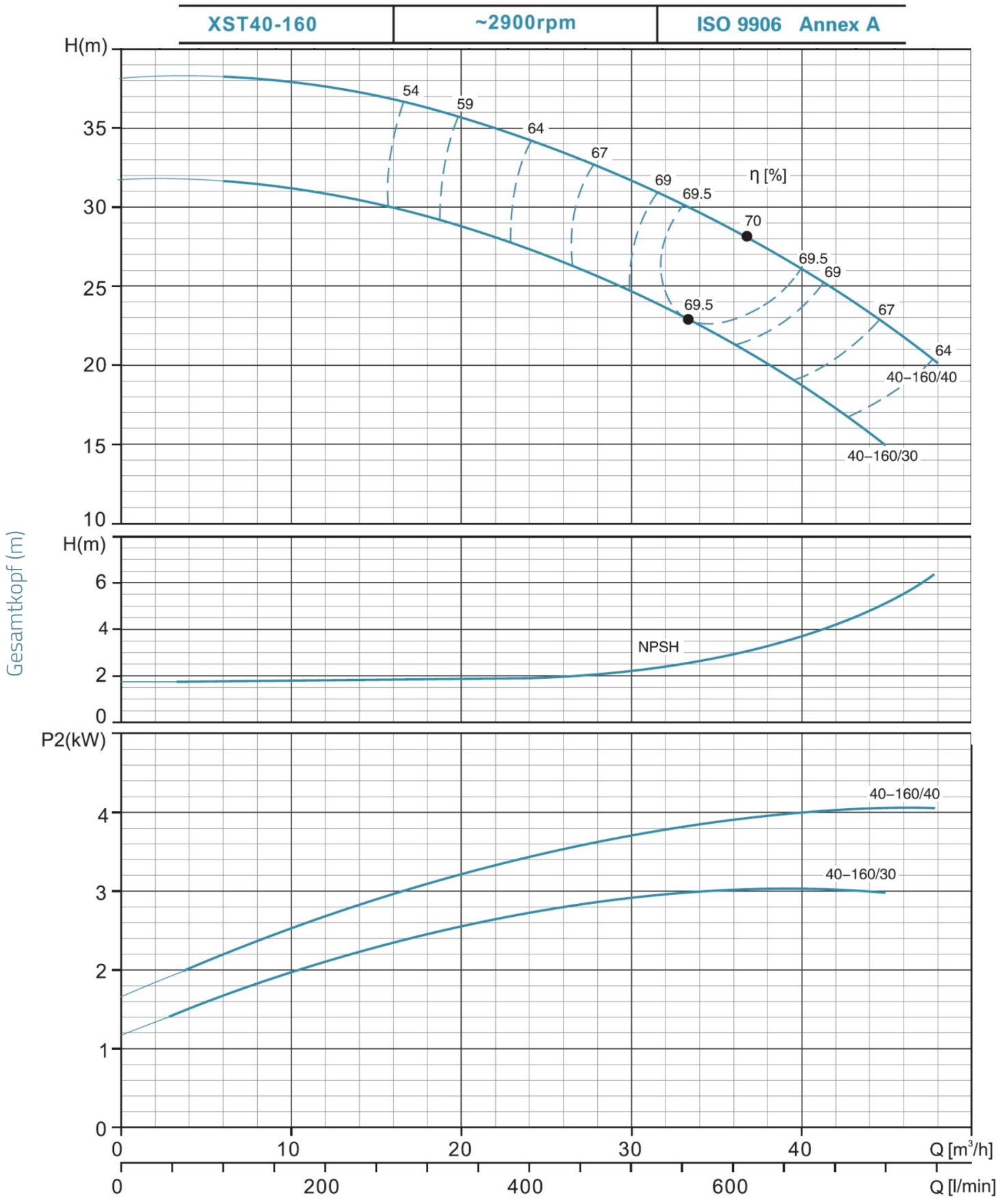
Gesamtkopf (m)

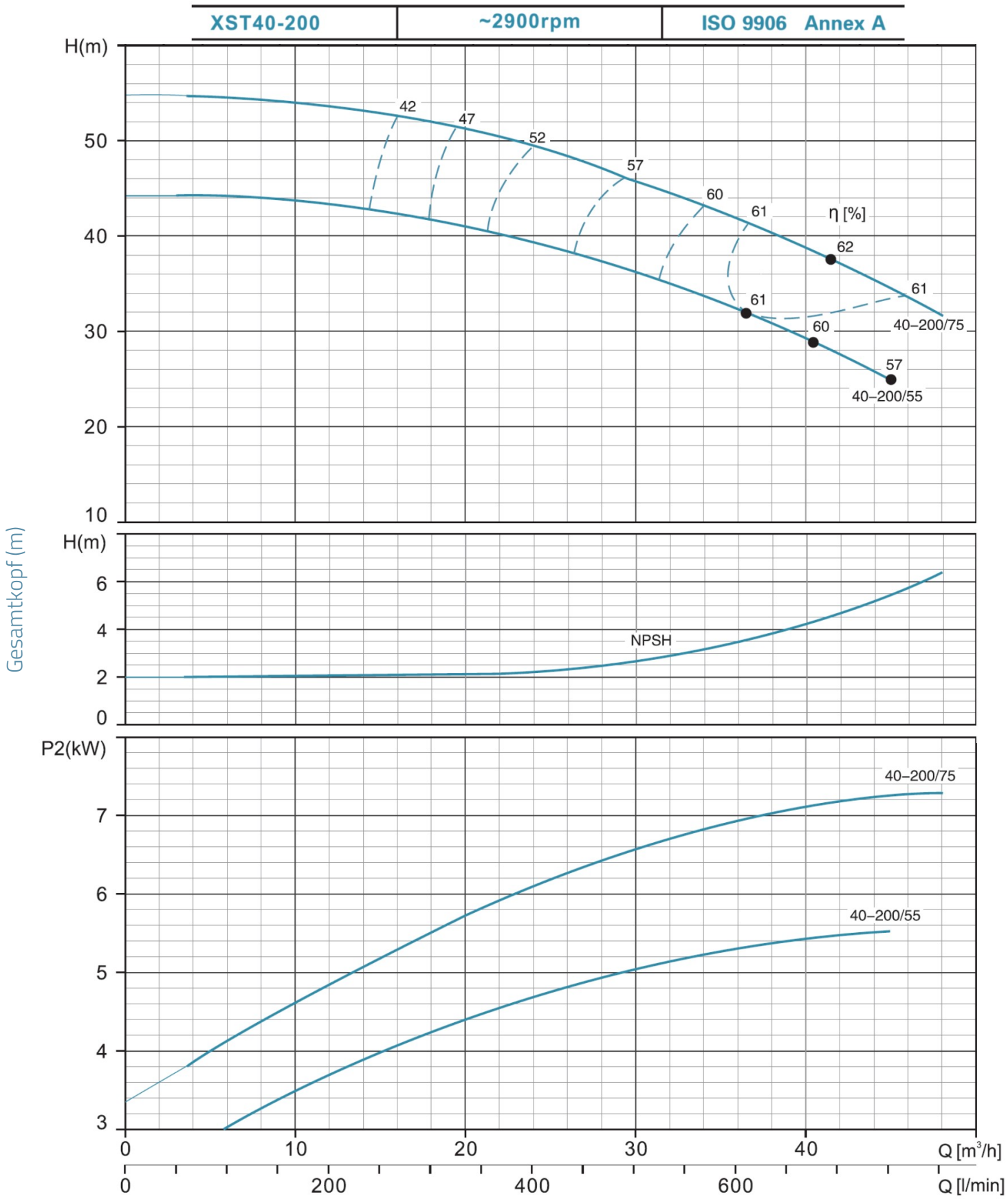

XST(m)32-160
~2900rpm
ISO 9906 Annex A
H(m)
35
30
25
20
15
10
5
48
52
55
58
59
60
η [%]
61
60
59
55
52
48
32–160/30
32–160/22
32–160/15
H(m)
6
4
2
0
NPSH
P2(kW)
2.5
2
1.5
1
0.5
0
32–160/30
32–160/22
32–160/15
0
5
10
15
20
25
Q [m³/h]
0
100
200
300
400
Q [l/min]
Gesamtkopf (m)

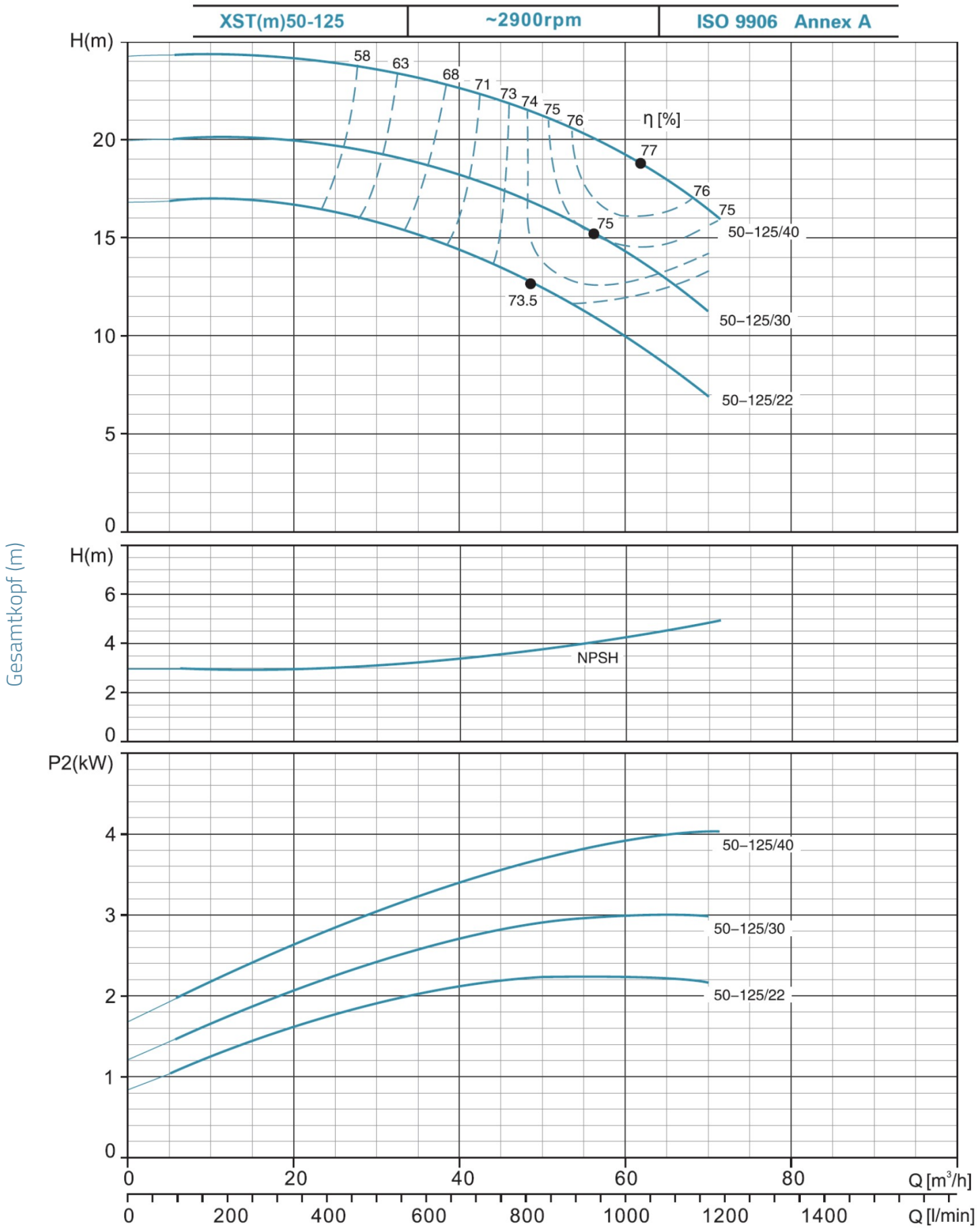

XST32-200
~2900rpm
ISO 9906 Annex A
H(m)
50
40
30
20
10
40
45
50
53
54
55
54
53
54
50
η [%]
32–200/40
32–200/30
H(m)
6
4
2
0
NPSH
P2(kW)
4
3
2
1
0
32–200/40
32–200/30
0
5
10
15
20
25
Q[m³/h]
0
100
200
300
400
Q[l/min]
Gesamtkopf (m)

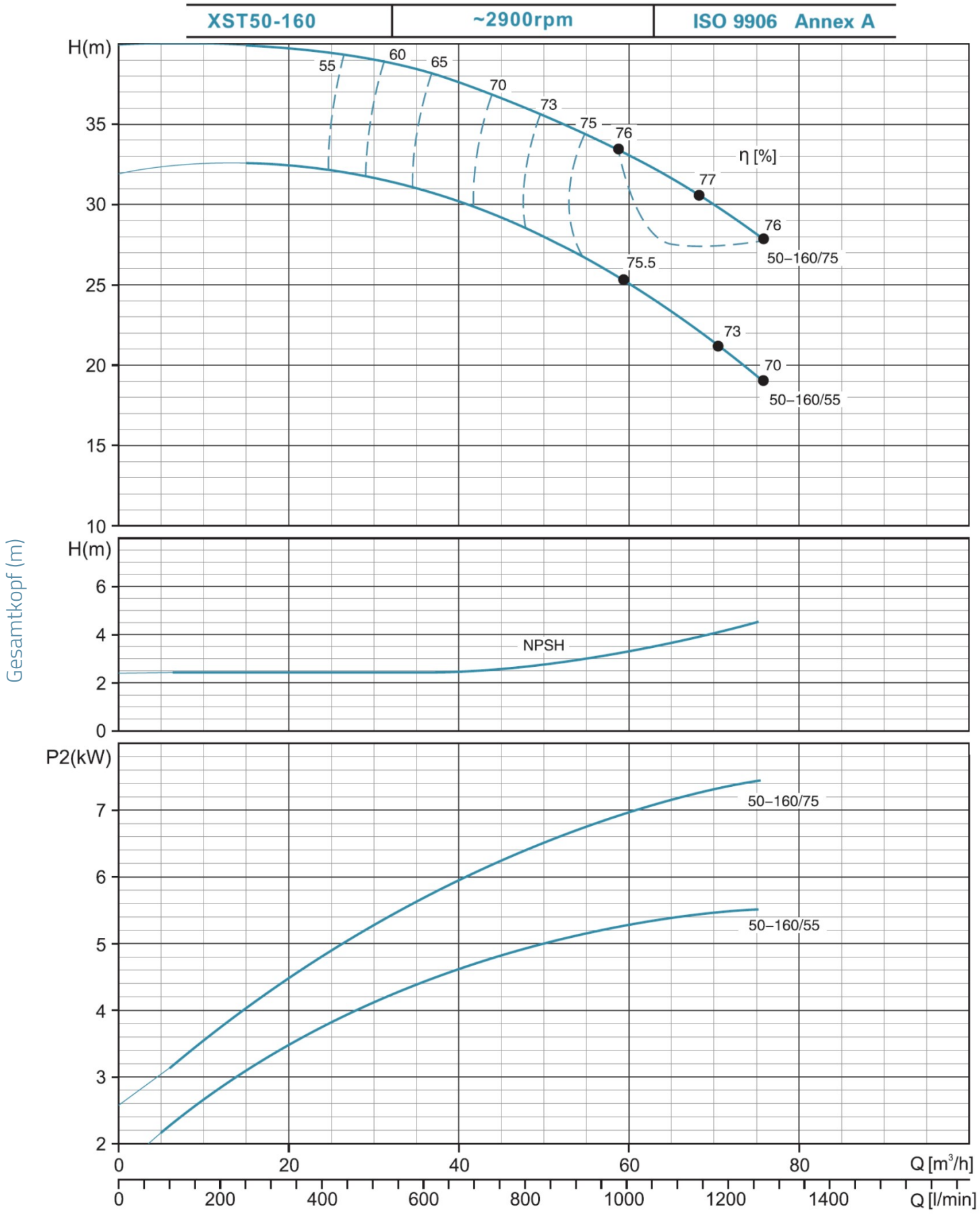

XST32-250
~2900rpm
ISO 9906 Annex A
H(m)
90
80
70
60
50
40
30
27
32
37
42
45
47
49
50
51
η [%]
52
51
50
49
47
45
51
32–250/55
32–250/75
H(m)
4
2
0
NPSH
P2(kW)
6
4
2
0
32–250/75
32–250/55
0
5
10
15
20
25
Q[m³/h]
0
100
200
300
400
Q[l/min]
Gesamtkopf (m)


XST(m)40-125
~2900rpm
ISO 9906 Annex A
H(m)
η [%]
52
57
62
67
69
71
69
67
69
67
40–125/22
40–125/15
40–125/11
NPSH
P2(kW)
40–125/22
40–125/15
40–125/11
Q[m³/h]
Q[l/min]
Gesamtkopf (m)

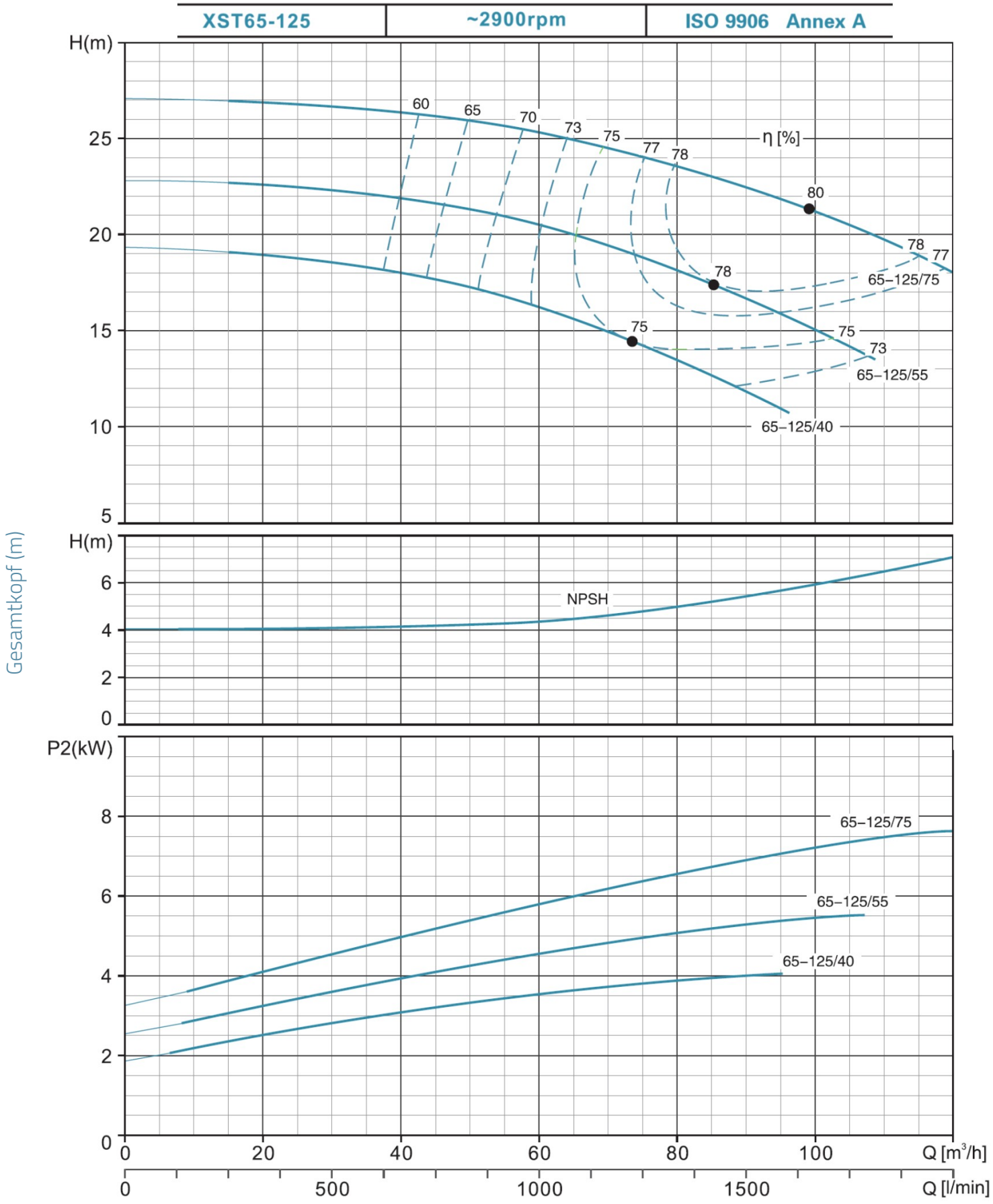

XST40-160
~2900rpm
ISO 9906 Annex A
H(m)
35
30
25
20
15
10
54
59
64
67
69
69.5
70
69.5
69
67
64
69.5
40–160/40
40–160/30
η [%]
H(m)
6
4
2
0
NPSH
P2(kW)
4
3
2
1
0
40–160/40
40–160/30
0
10
20
30
40
Q [m³/h]
0
200
400
600
Q [l/min]
Gesamtkopf (m)


XST40-200
~2900rpm
ISO 9906 Annex A
H(m)
50
40
30
20
10
42
47
52
57
60
61
η [%]
62
61
61
60
57
40–200/75
40–200/55
H(m)
6
4
2
0
NPSH
P2(kW)
7
6
5
4
3
40–200/75
40–200/55
0
10
20
30
40
Q [m³/h]
0
200
400
600
Q [l/min]
Gesamtkopf (m)


XST(m)50-125
~2900rpm
ISO 9906 Annex A
H(m)
20
15
10
5
0
58
63
68
71
73
74
75
76
η [%]
77
76
75
75
73.5
50–125/40
50–125/30
50–125/22
H(m)
6
4
2
0
NPSH
P2(kW)
4
3
2
1
0
50–125/40
50–125/30
50–125/22
0
20
40
60
80
Q [m³/h]
0
200
400
600
800
1000
1200
1400
Q [l/min]
Gesamtkopf (m)



Gesamtkopf (m)


XST65-125
~2900rpm
ISO 9906 Annex A
H(m)
η [%]
60
65
70
73
75
77
78
80
65–125/75
65–125/55
65–125/40
NPSH
P2(kW)
Gesamtkopf (m)
Q [m³/h]
Q [l/min]