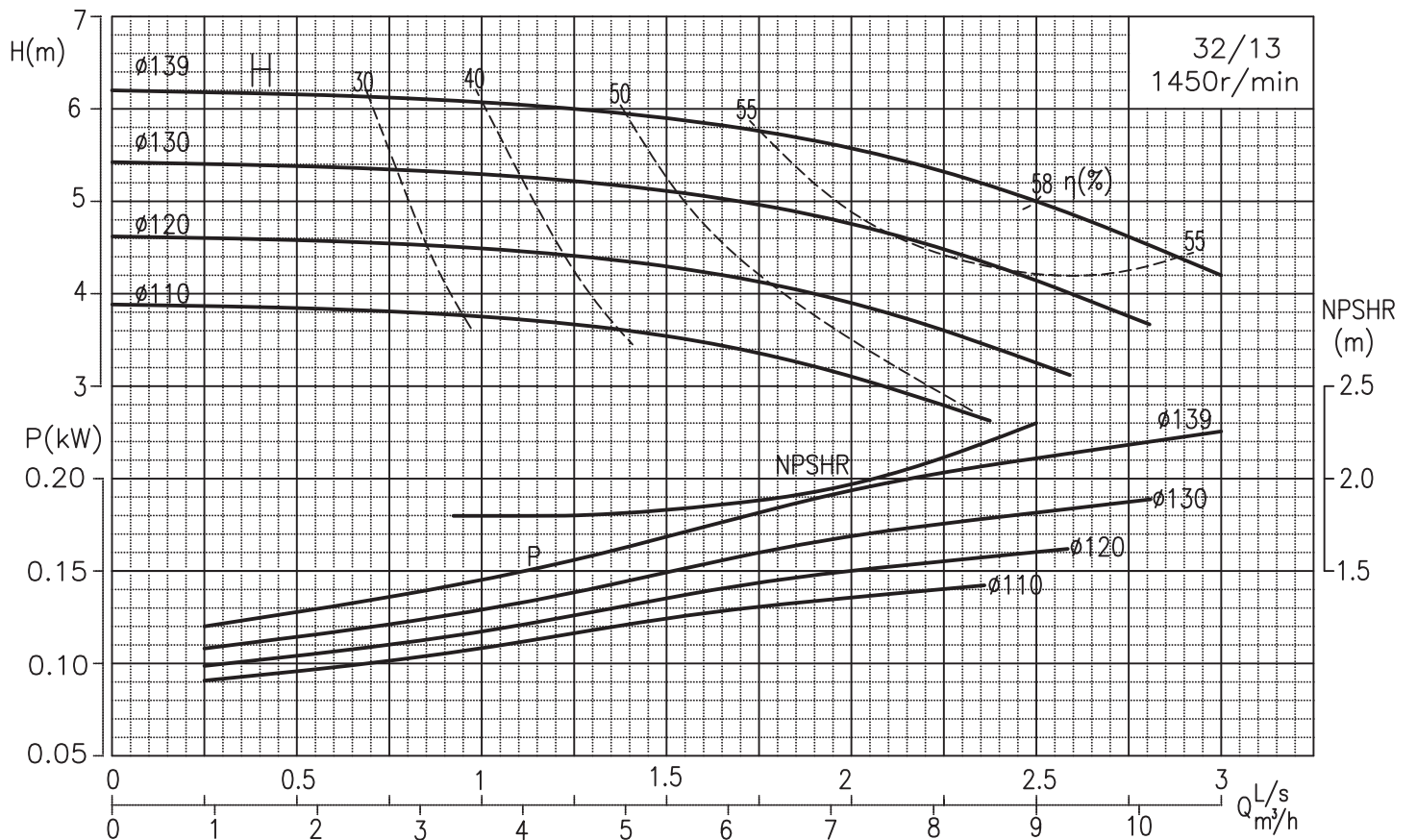
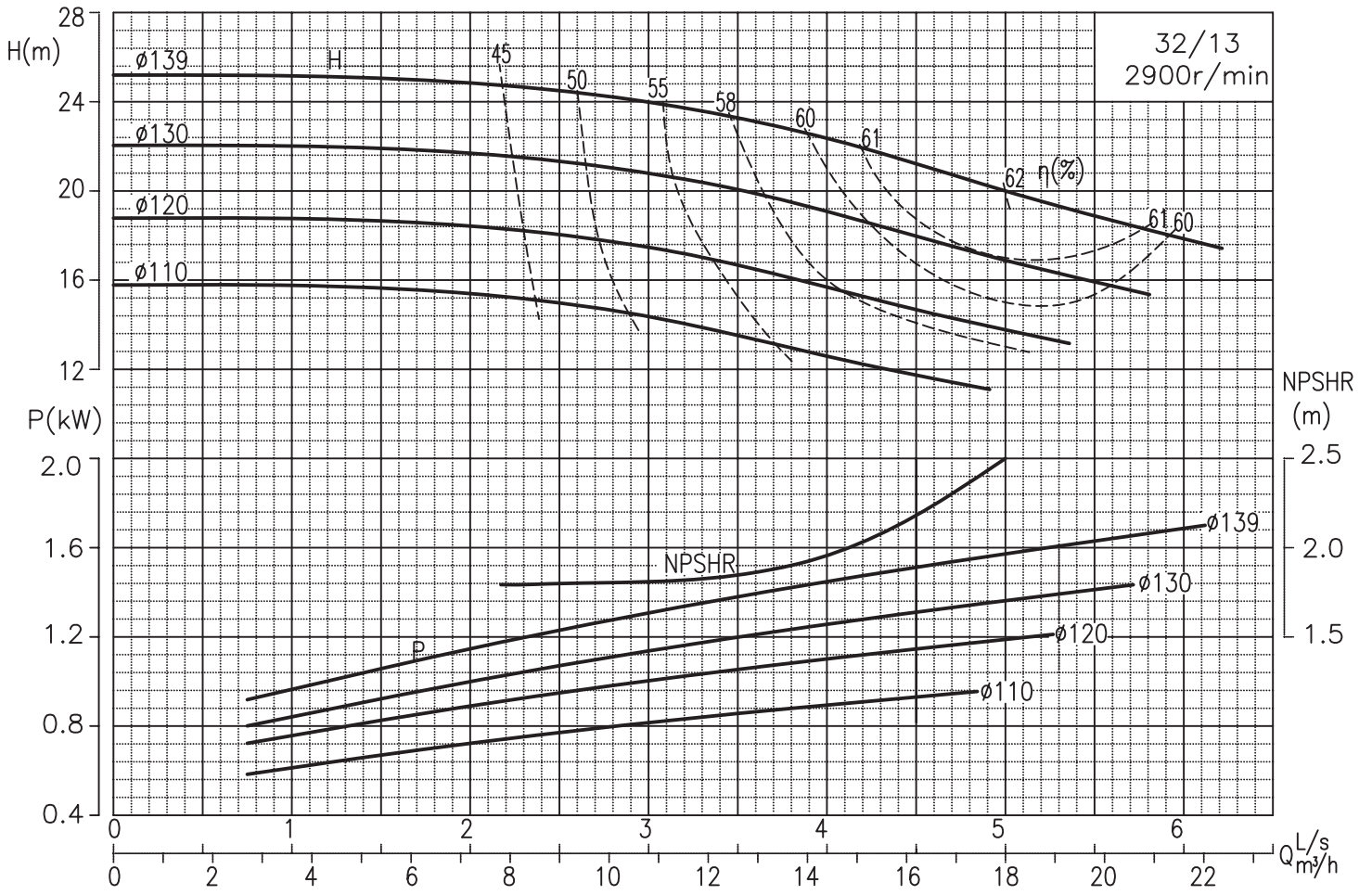


## Performance Curves

( Standard: ISO 9906 )

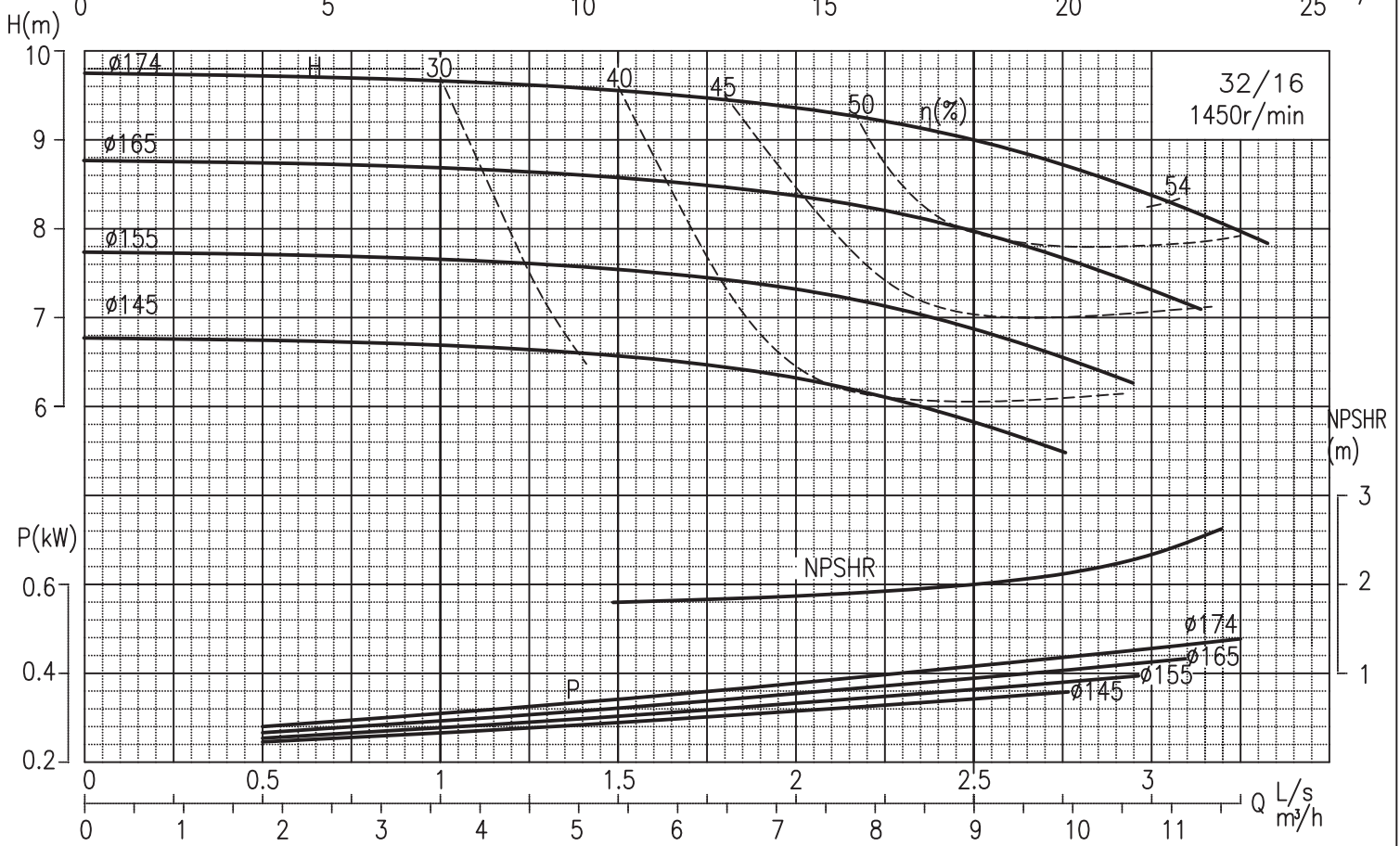
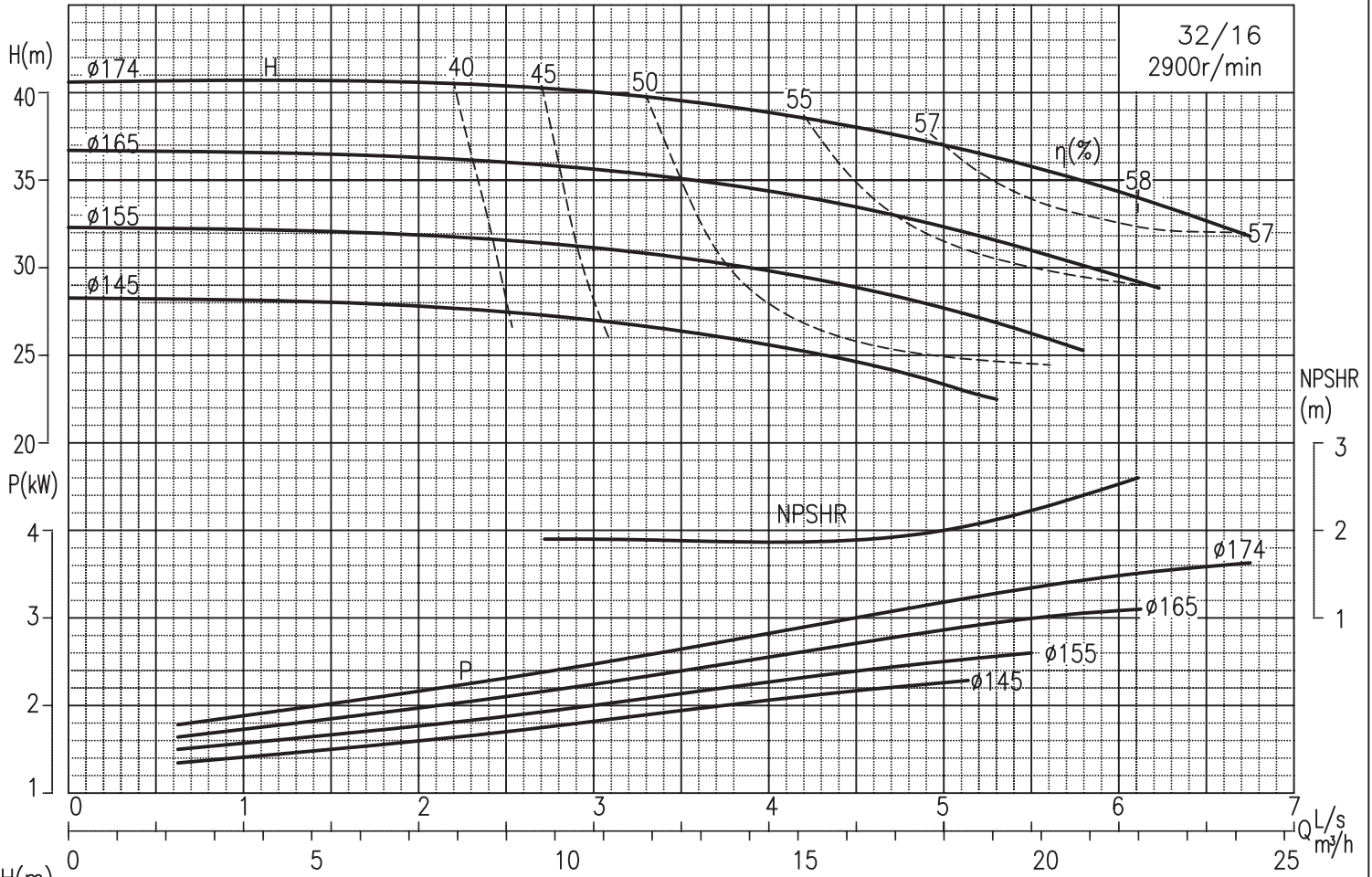
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

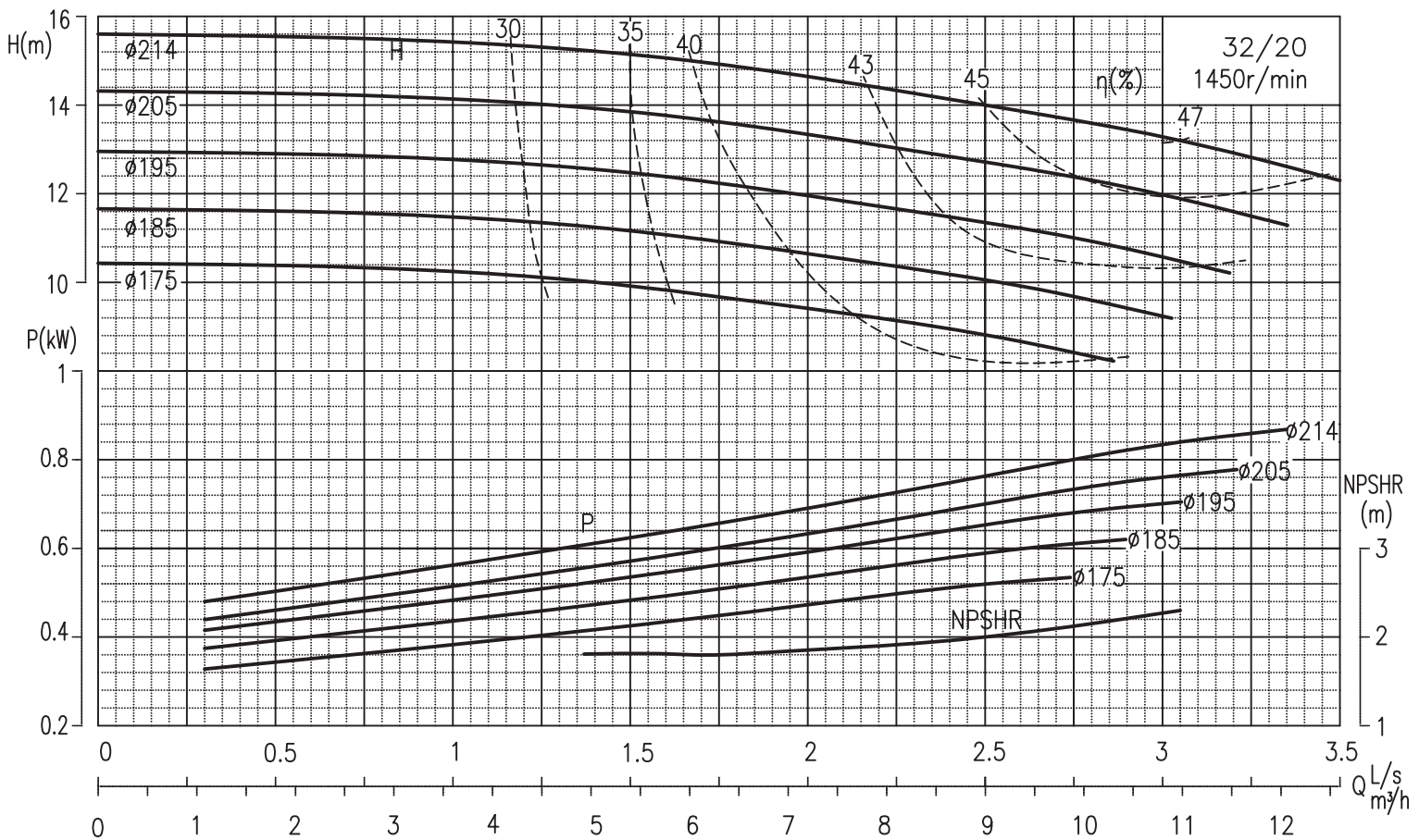
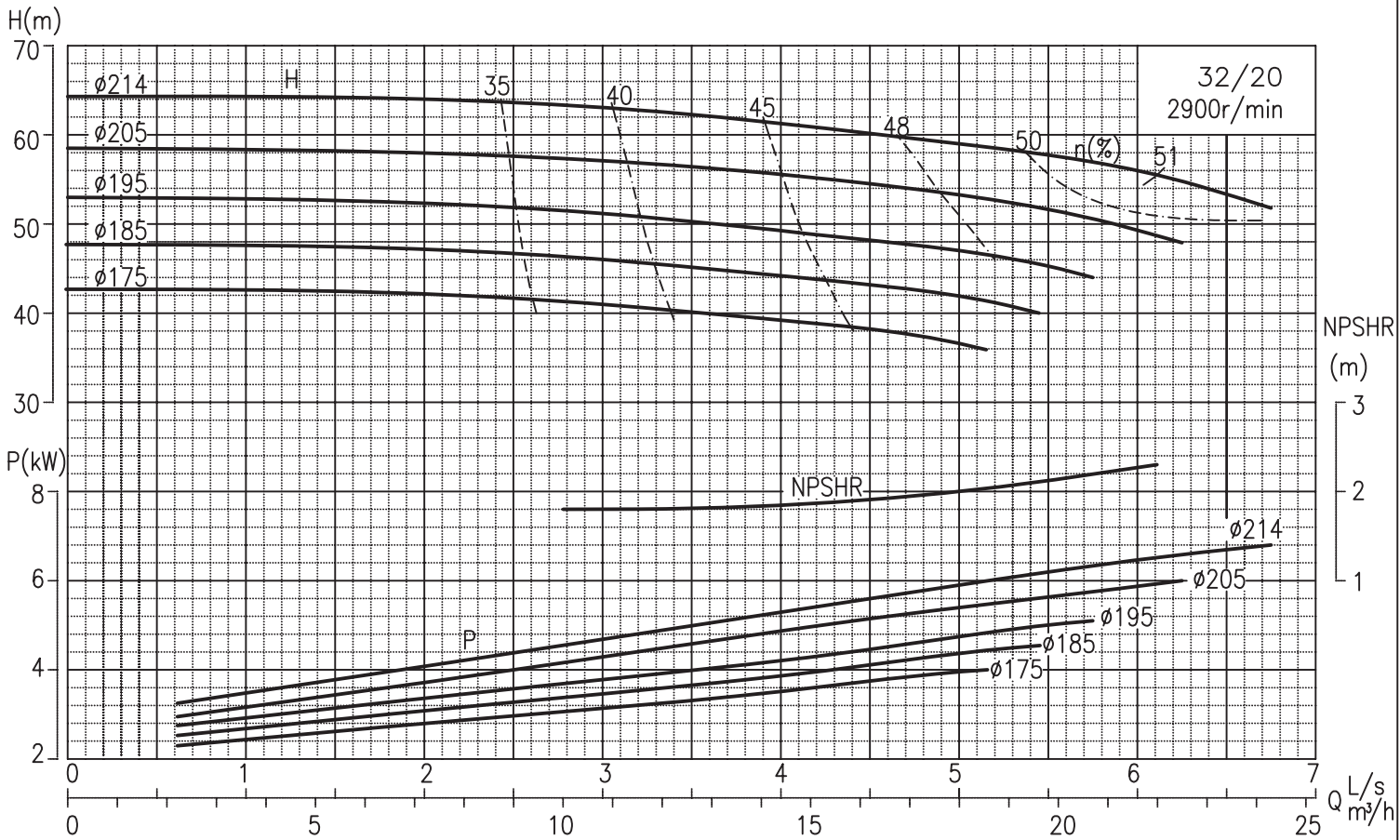
Grade 2B



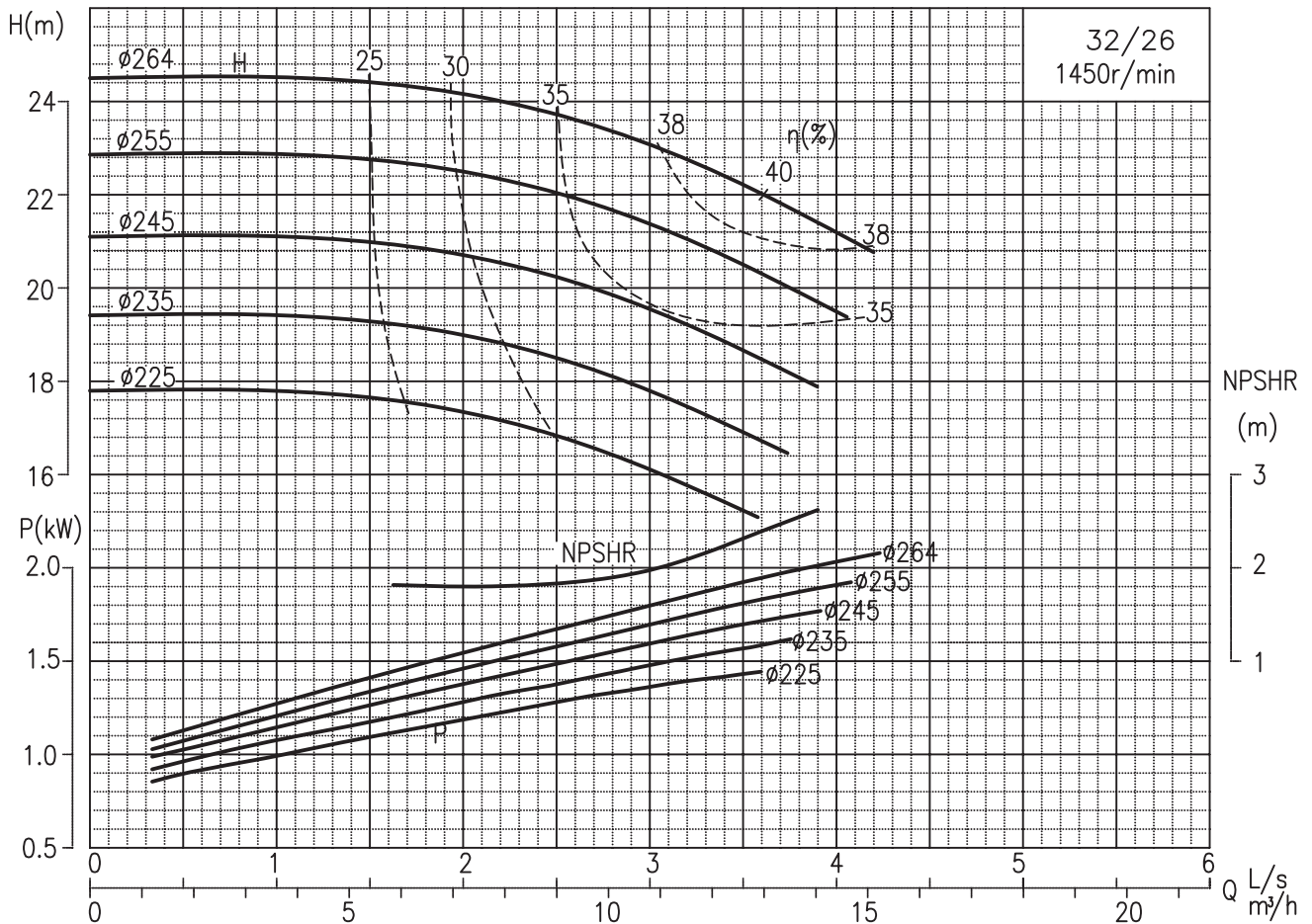
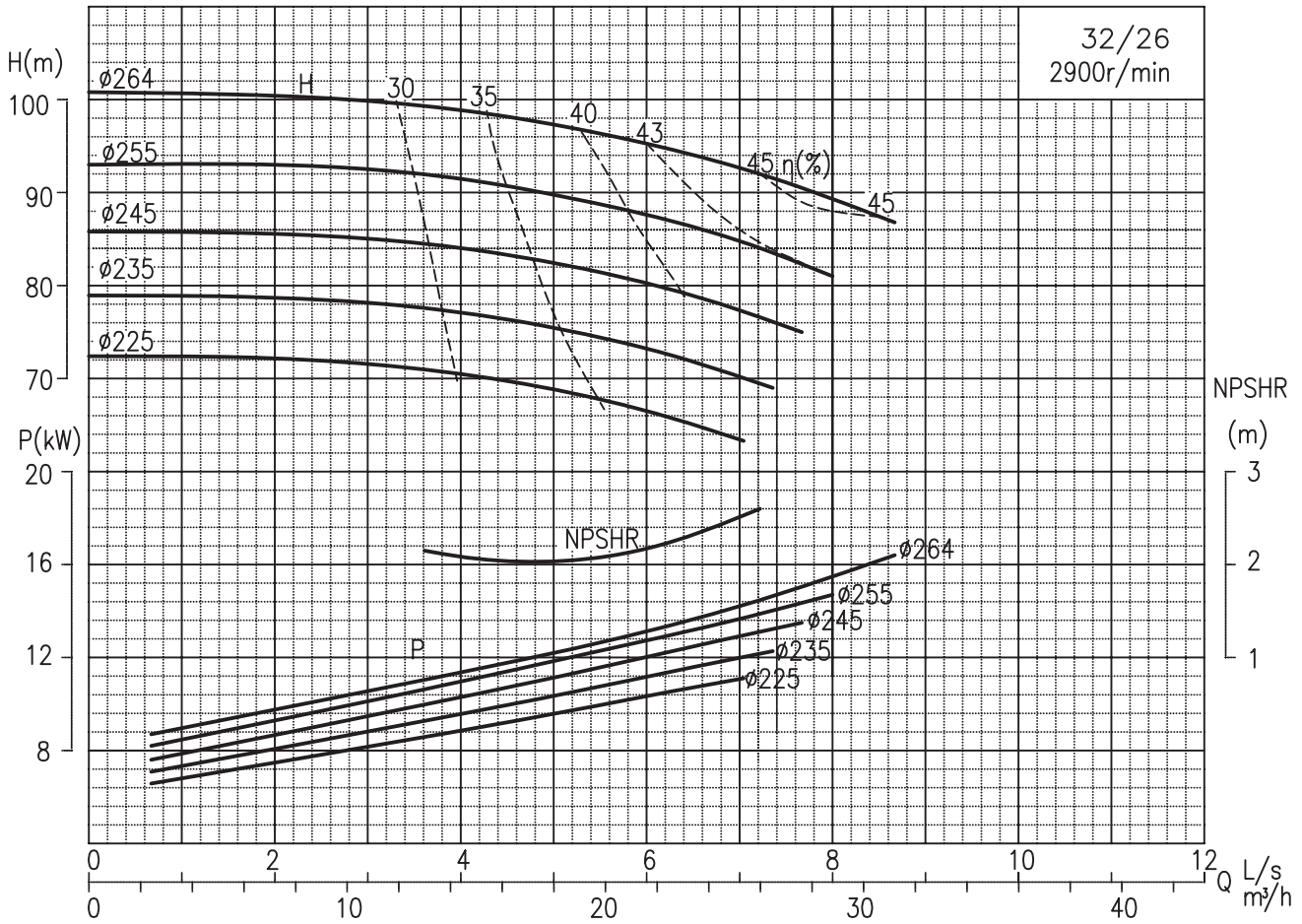
## Performance Curves

( Standard: ISO 9906 )

Grade 2B



## Performance Curves



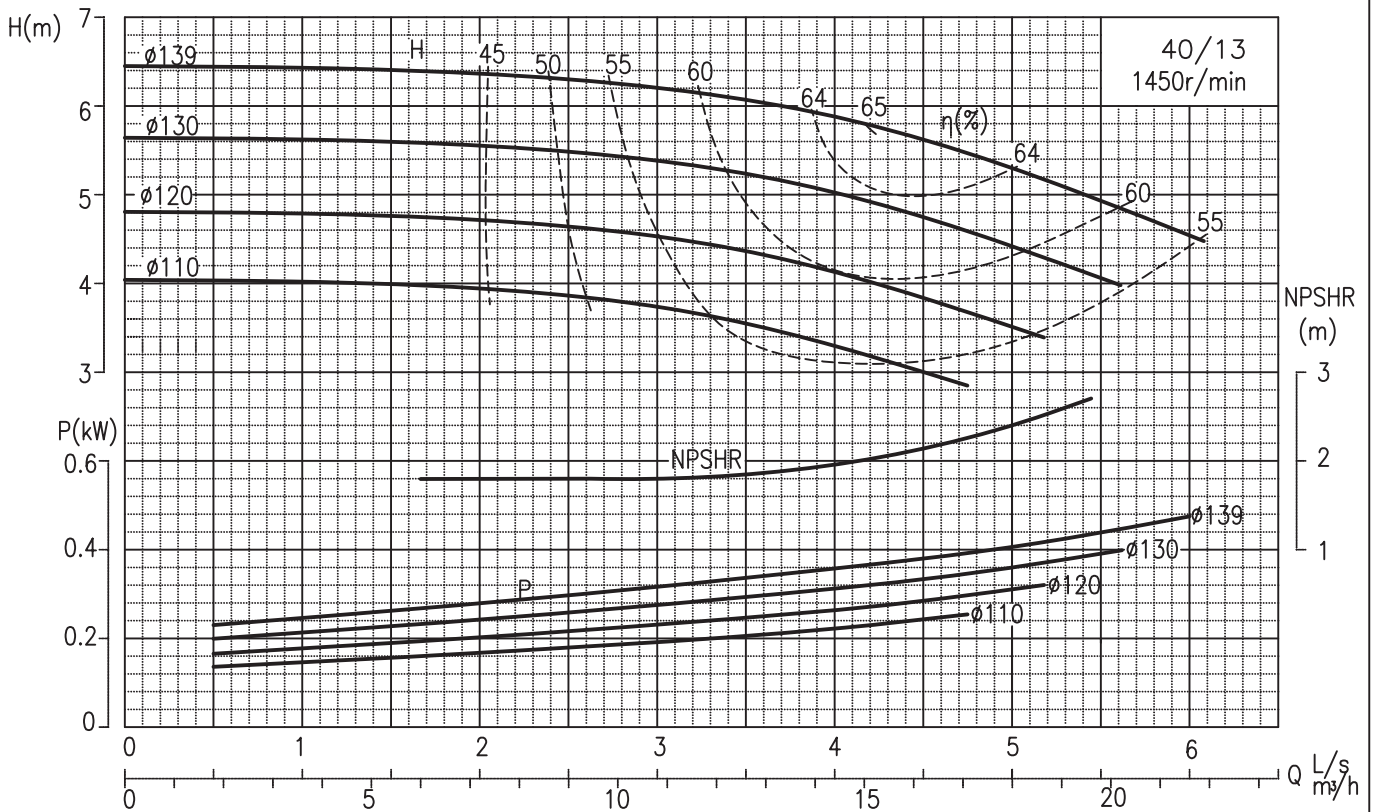
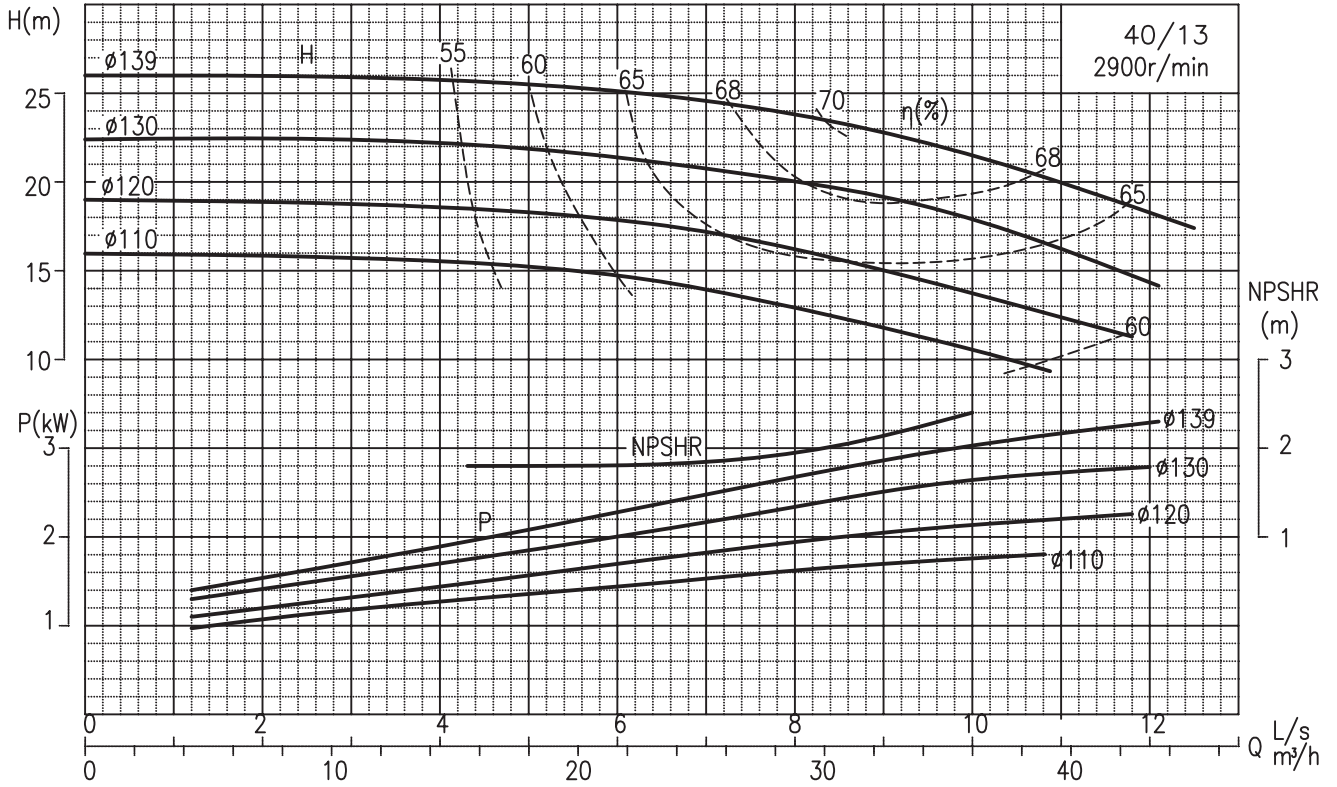
# PAL 40/13



( Standard: ISO 9906 )

Grade 2B

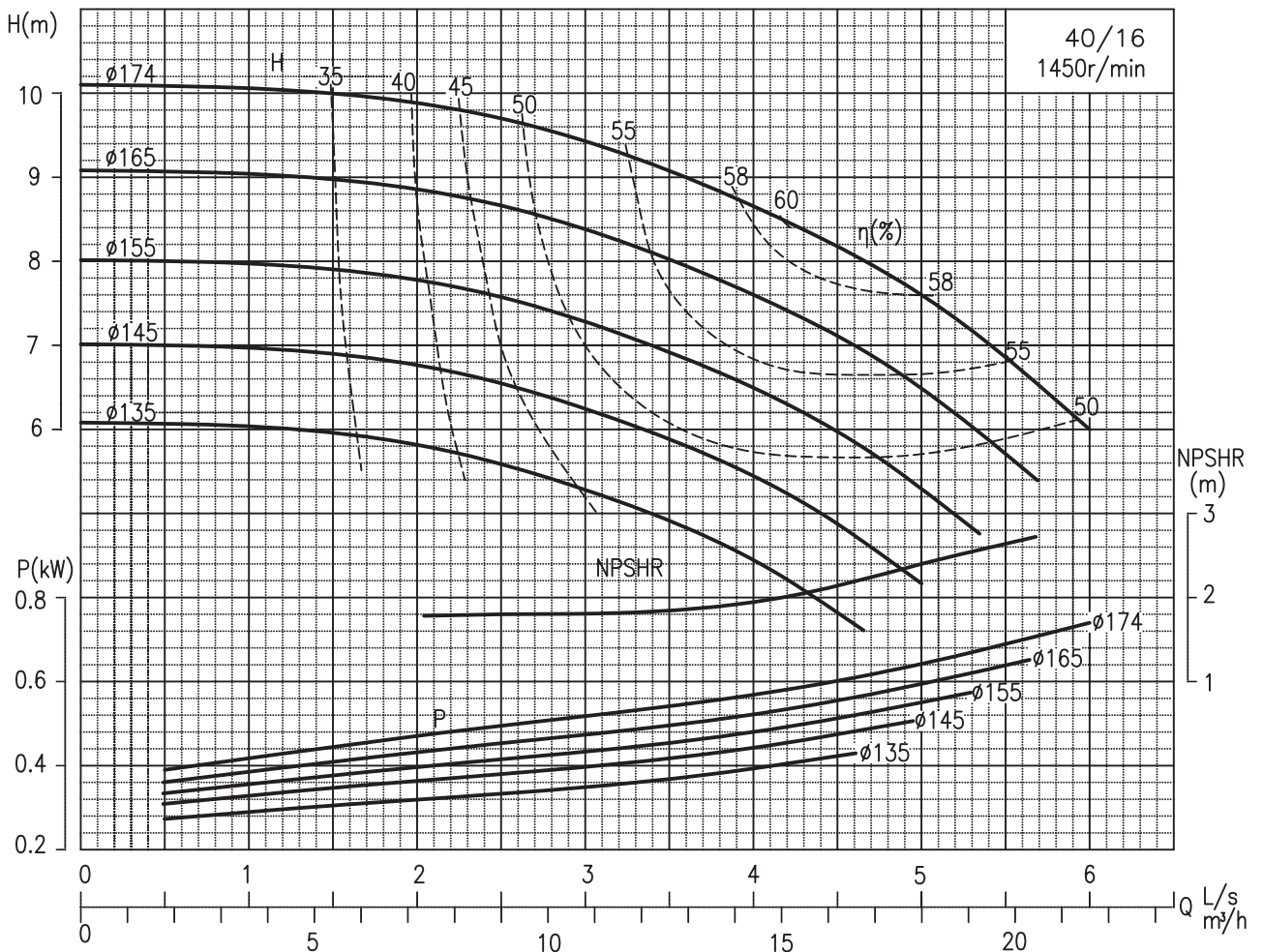
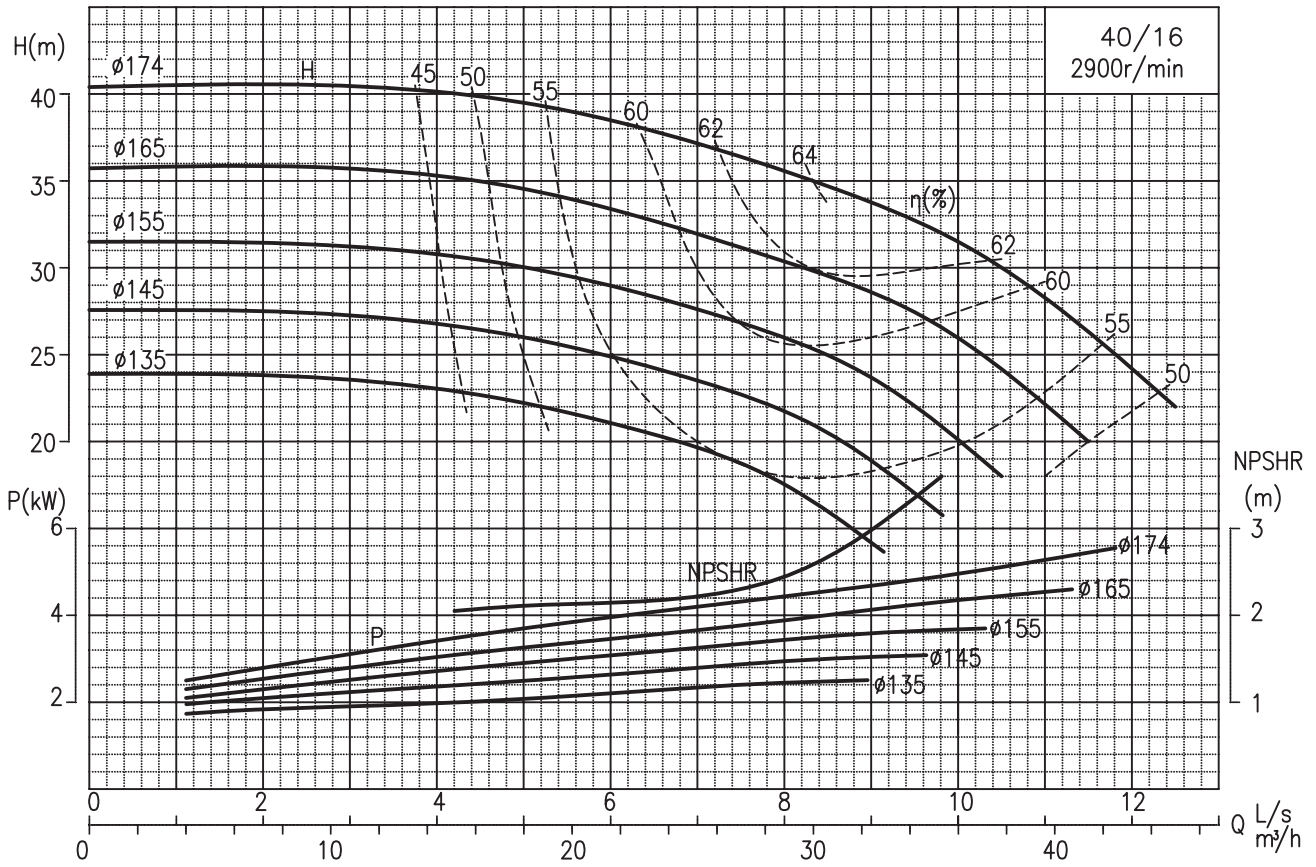
## Performance Curves



## Performance Curves

( Standard: ISO 9906 )

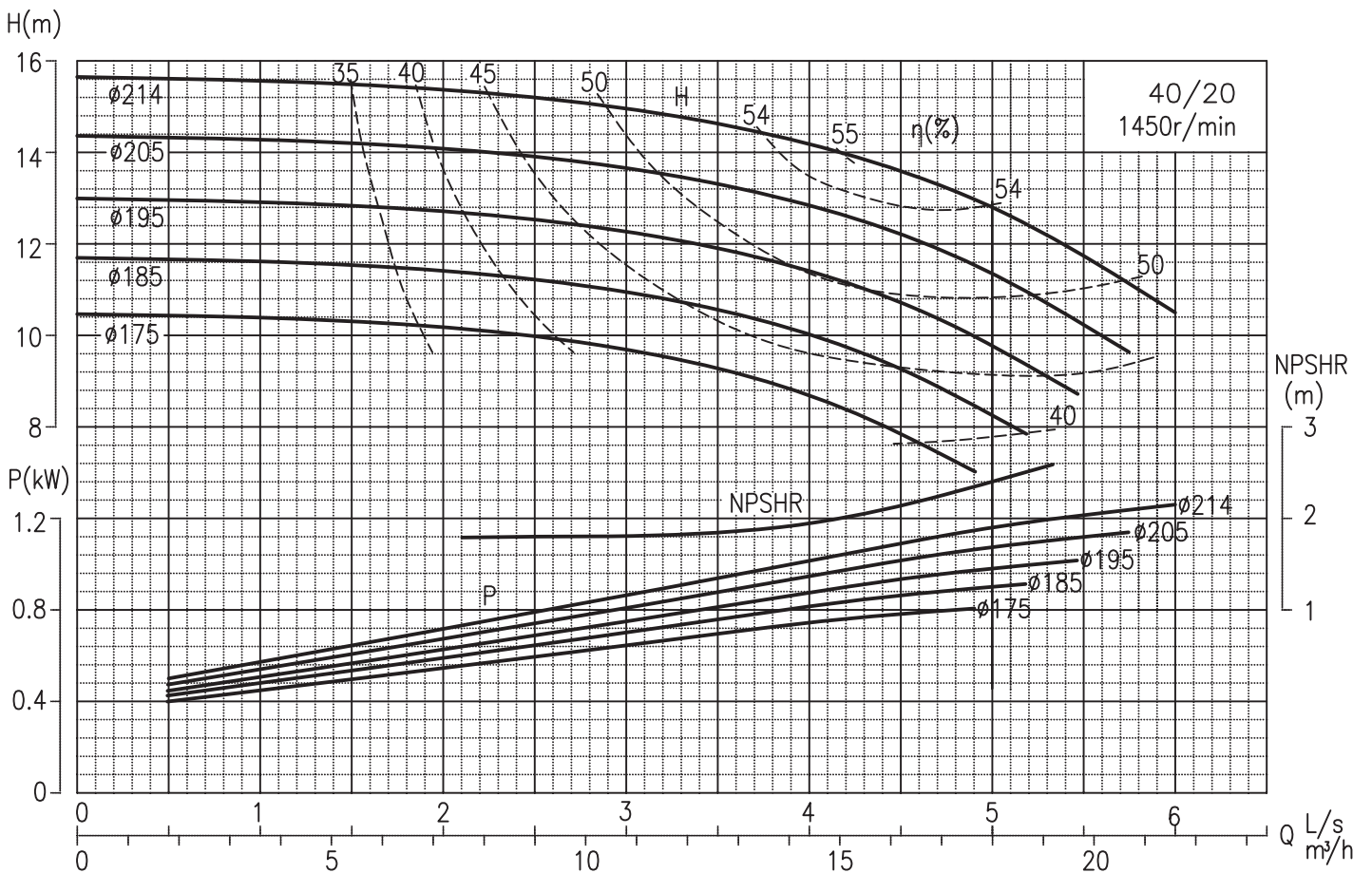
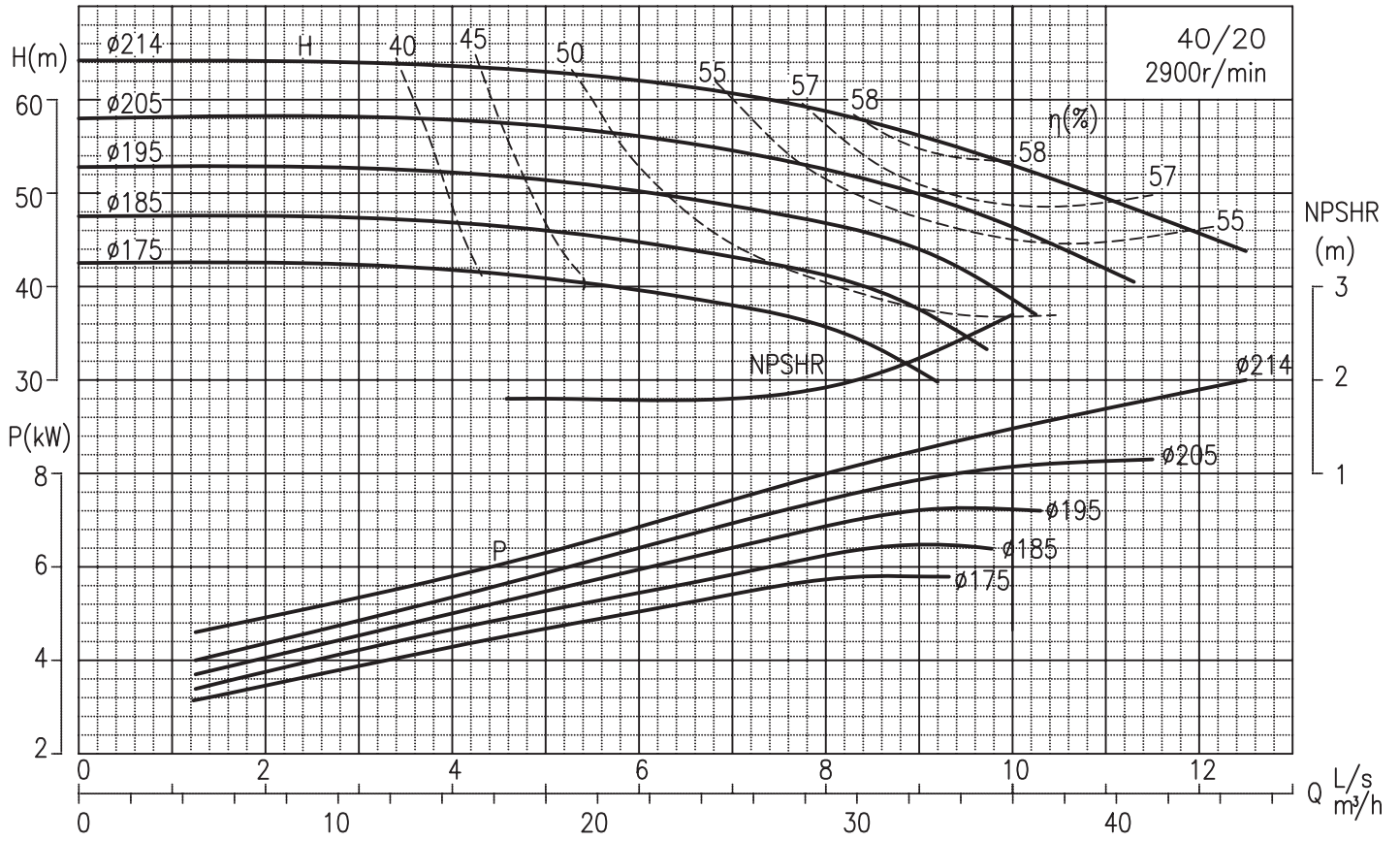
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

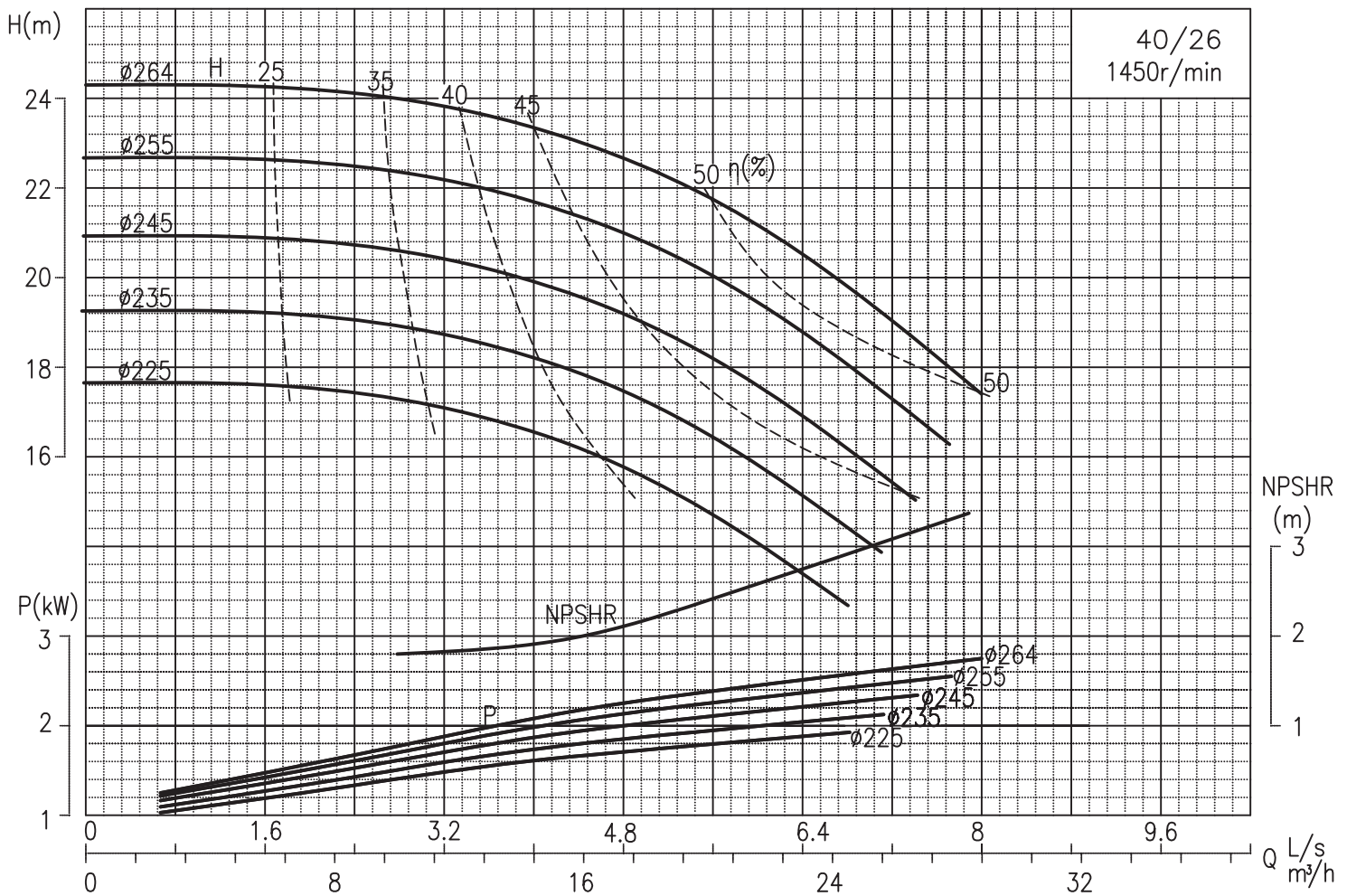
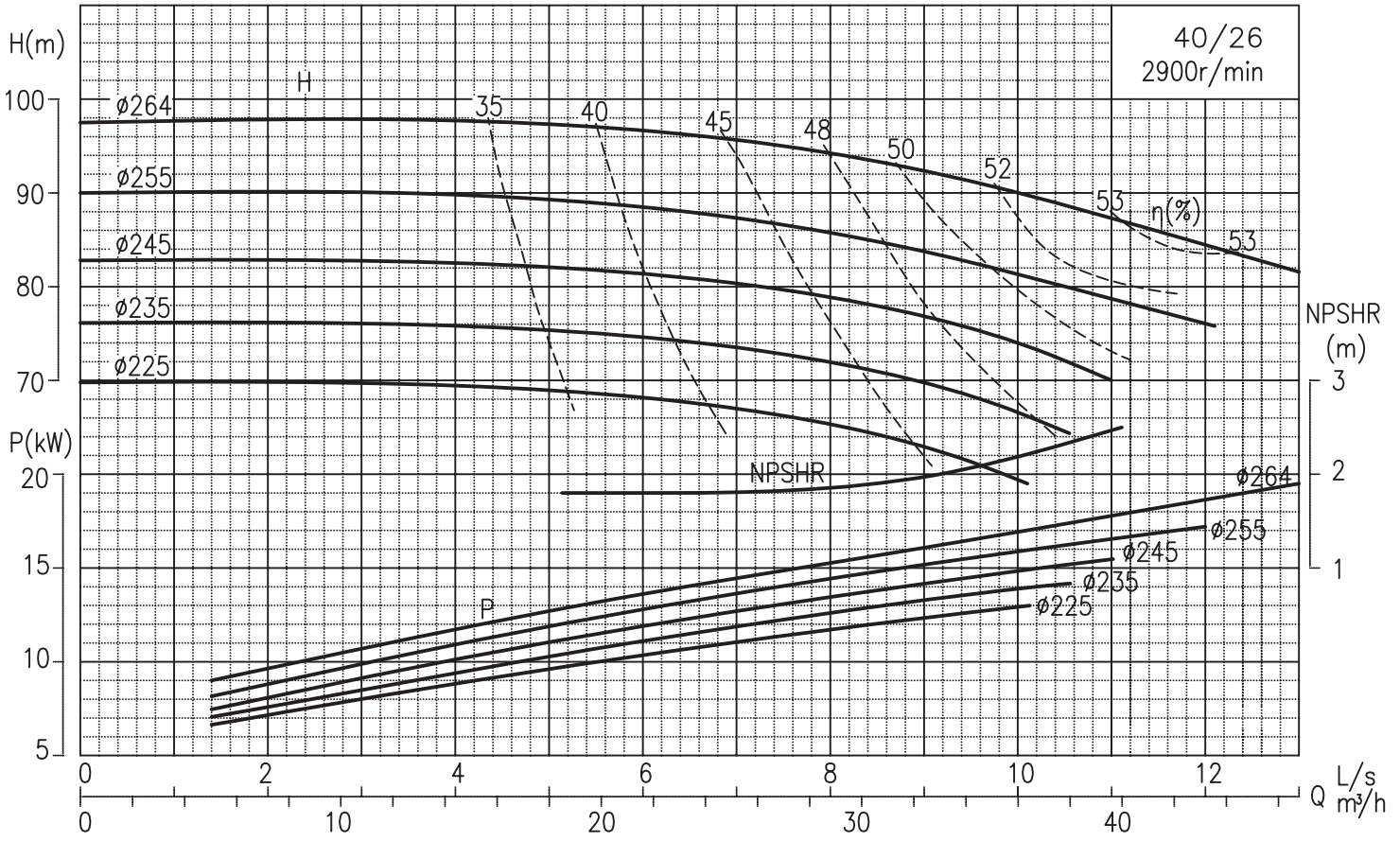
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

Grade 2B

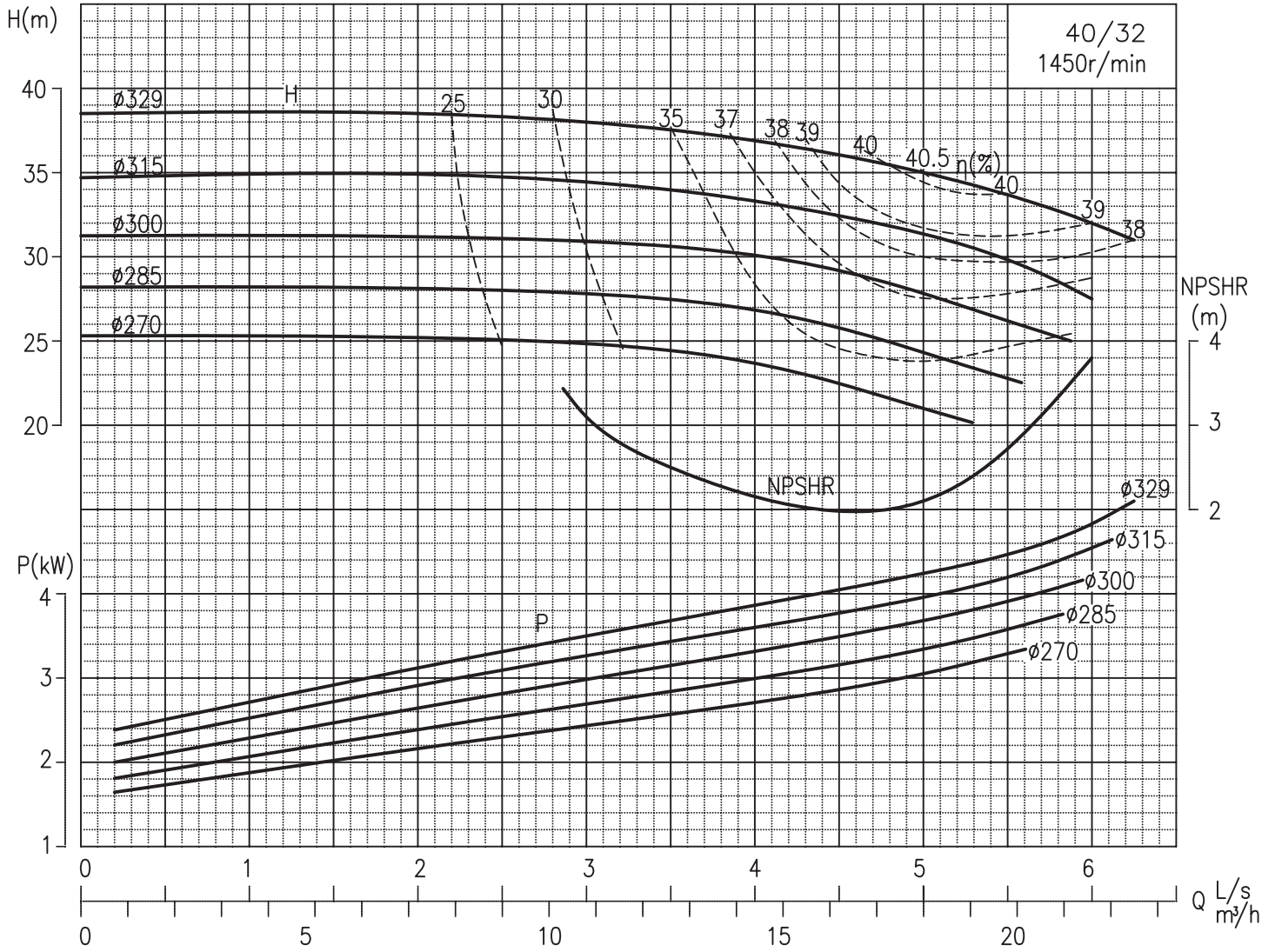




## Performance Curves

( Standard: ISO 9906 )

Grade 2B

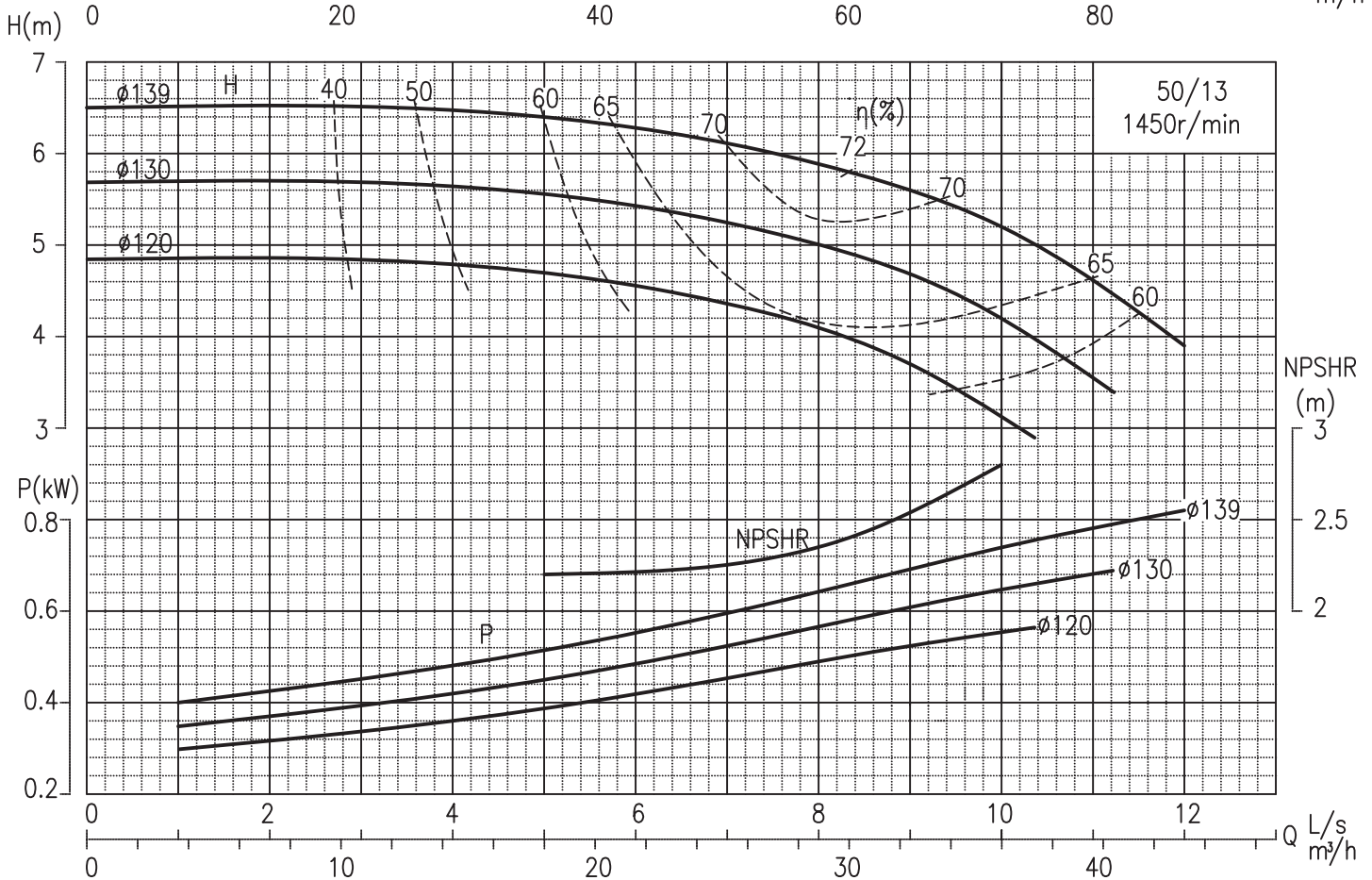
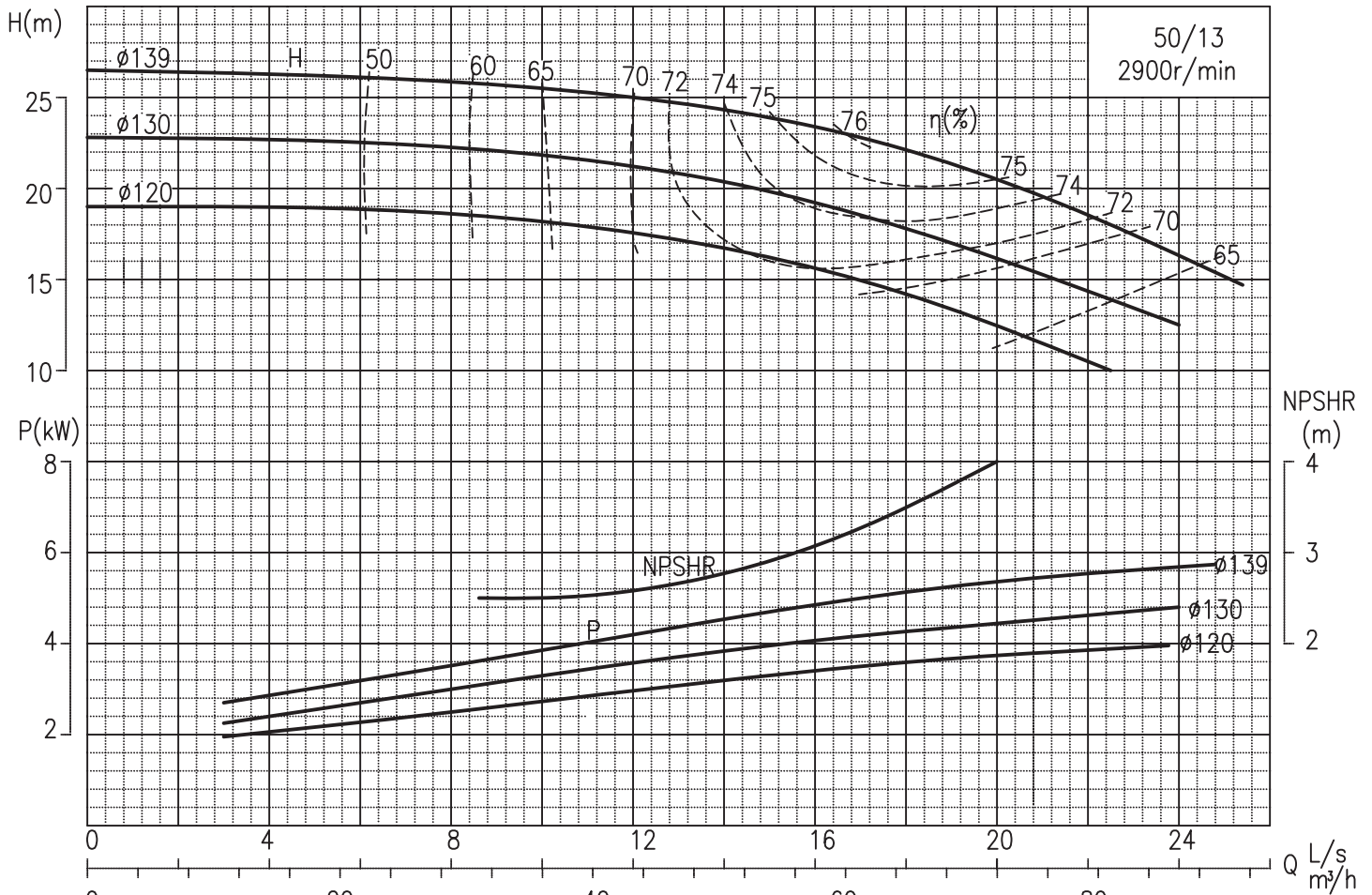


# PAL50/13

## Performance Curves

( Standard: ISO 9906 )

Grade 2B

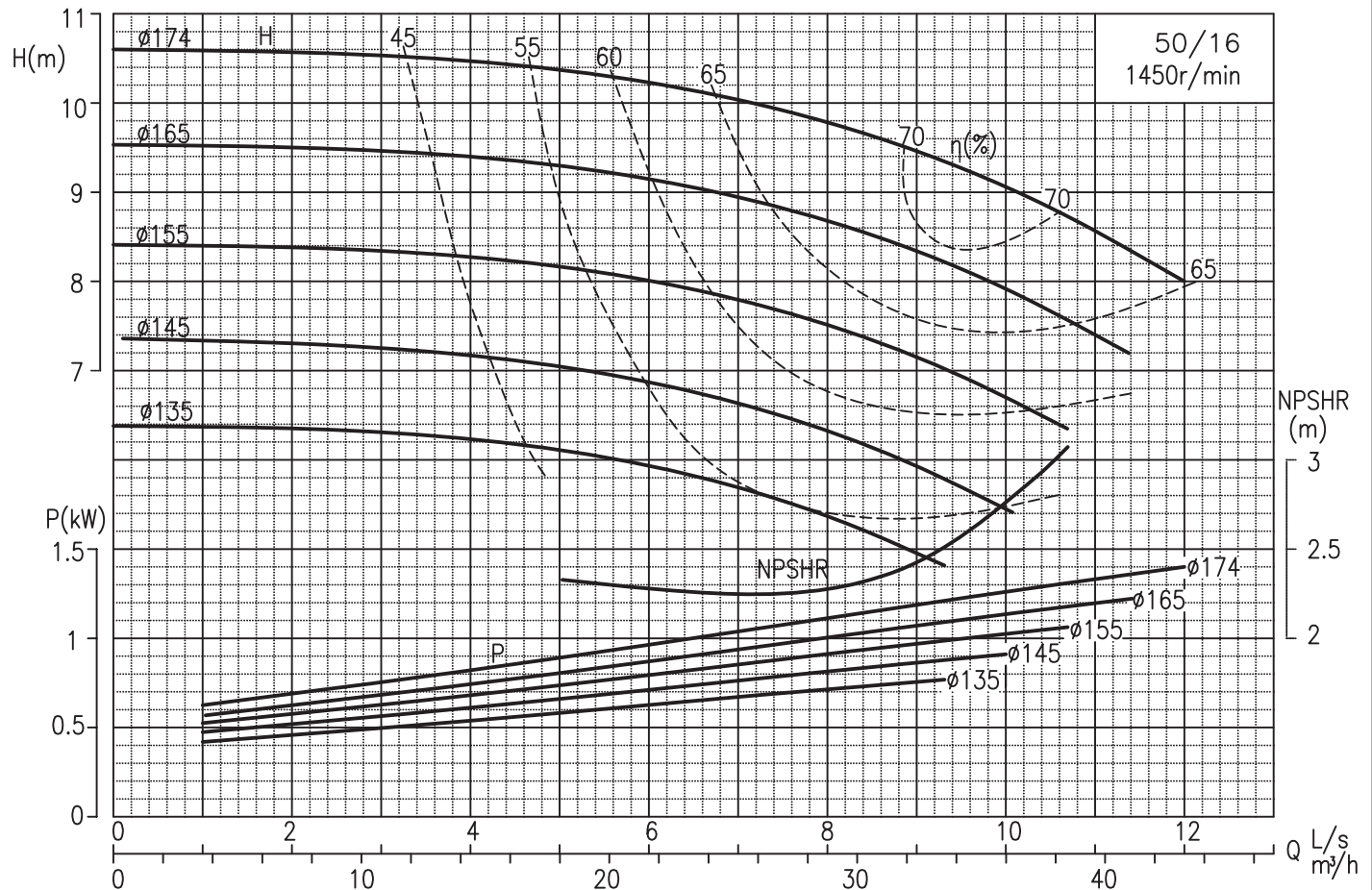
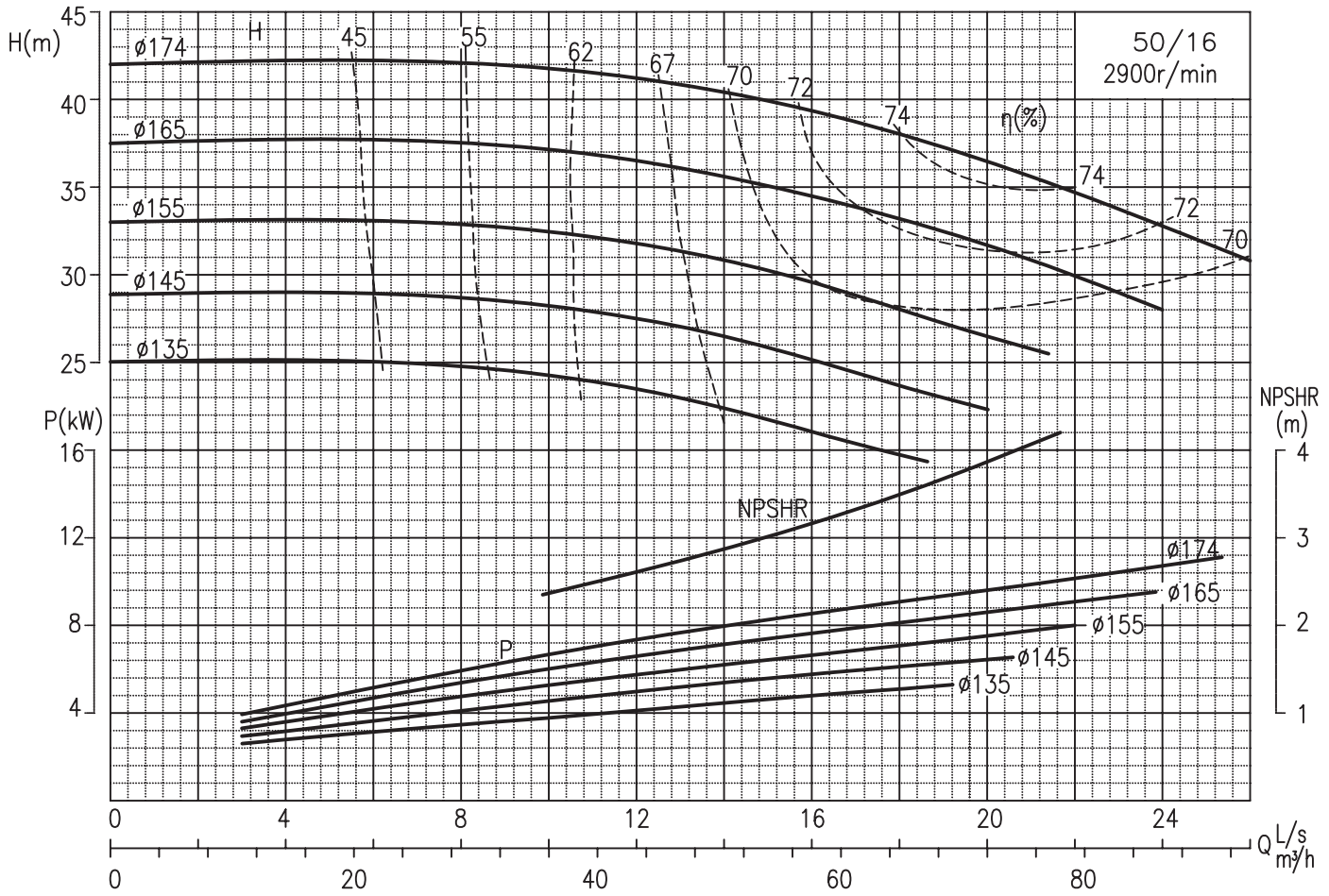


# PAL50/16

( Standard: ISO 9906 )

Grade 2B

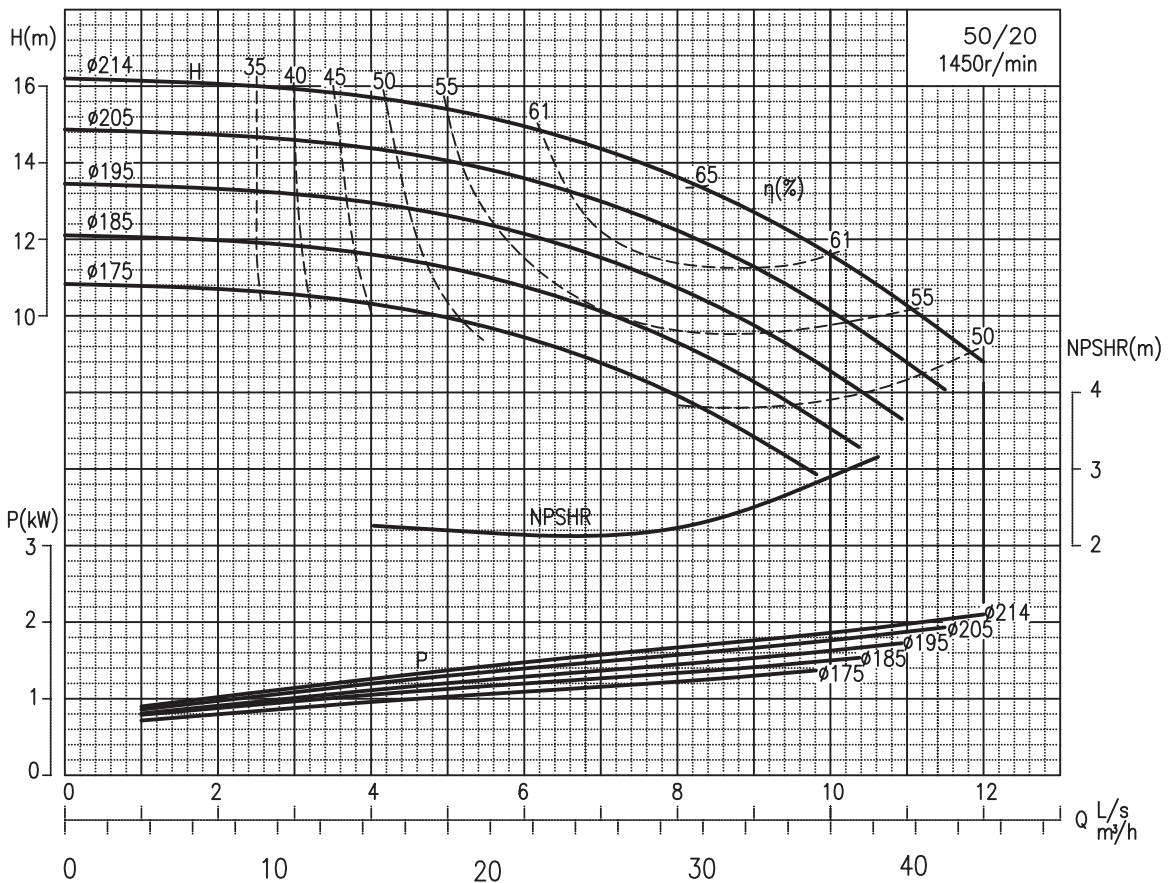
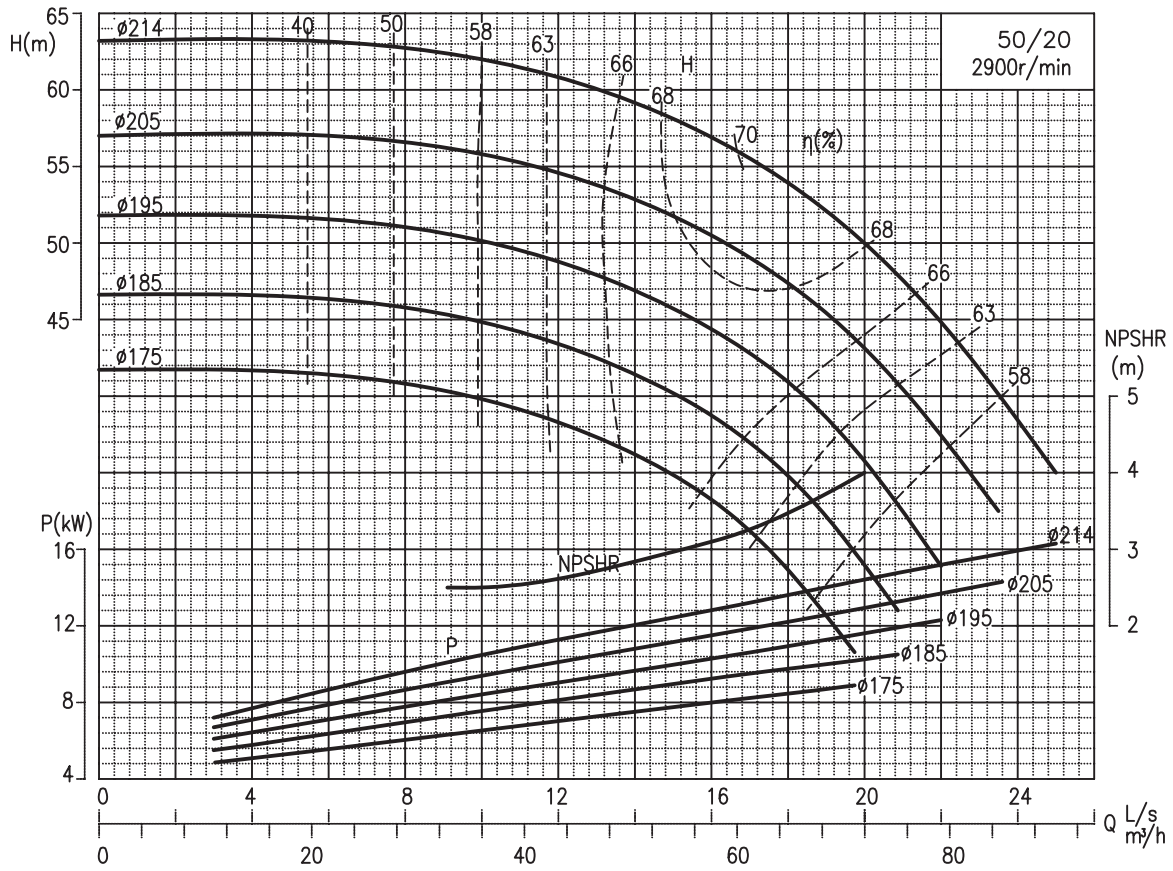
## Performance Curves



## Performance Curves

( Standard: ISO 9906 )

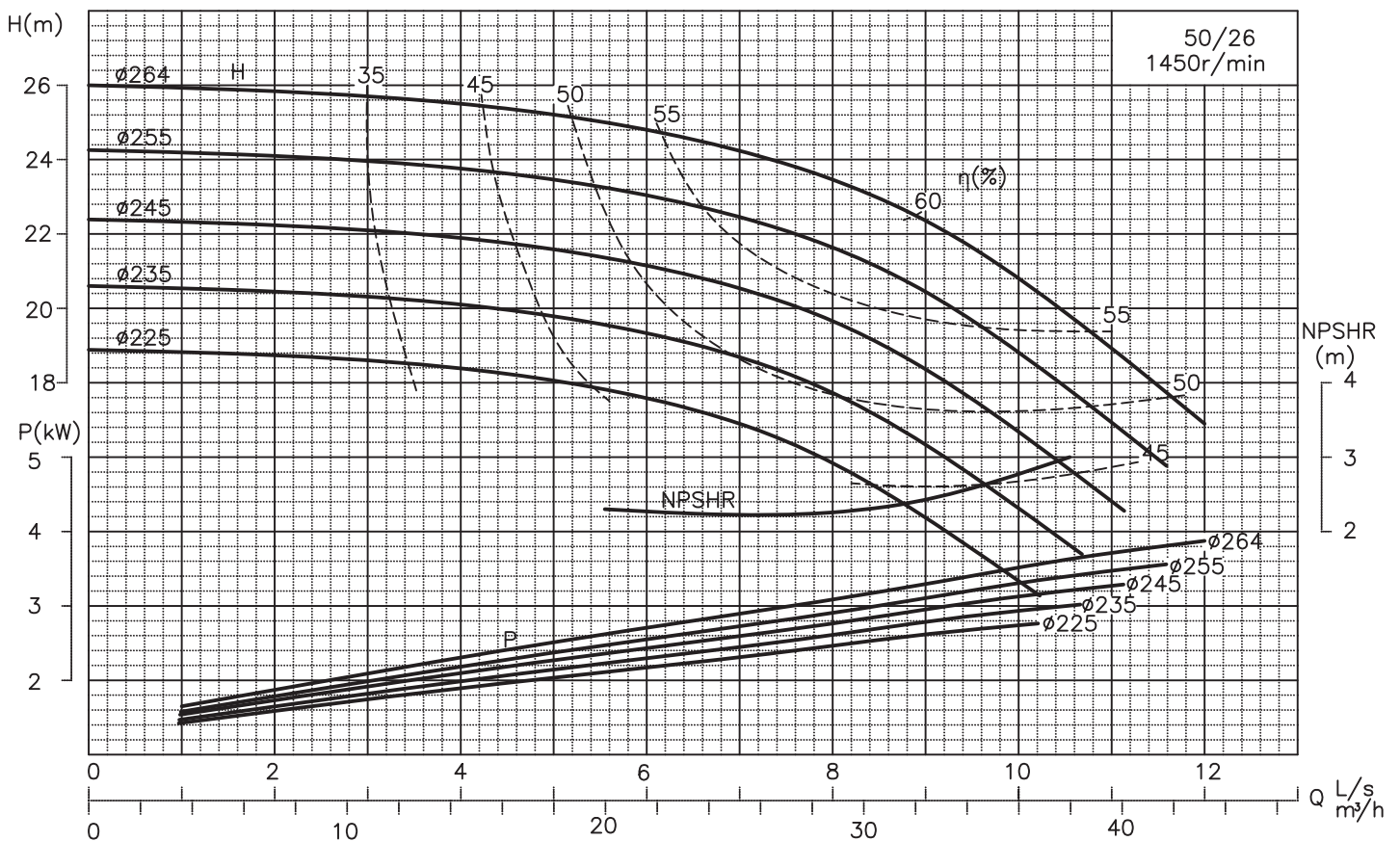
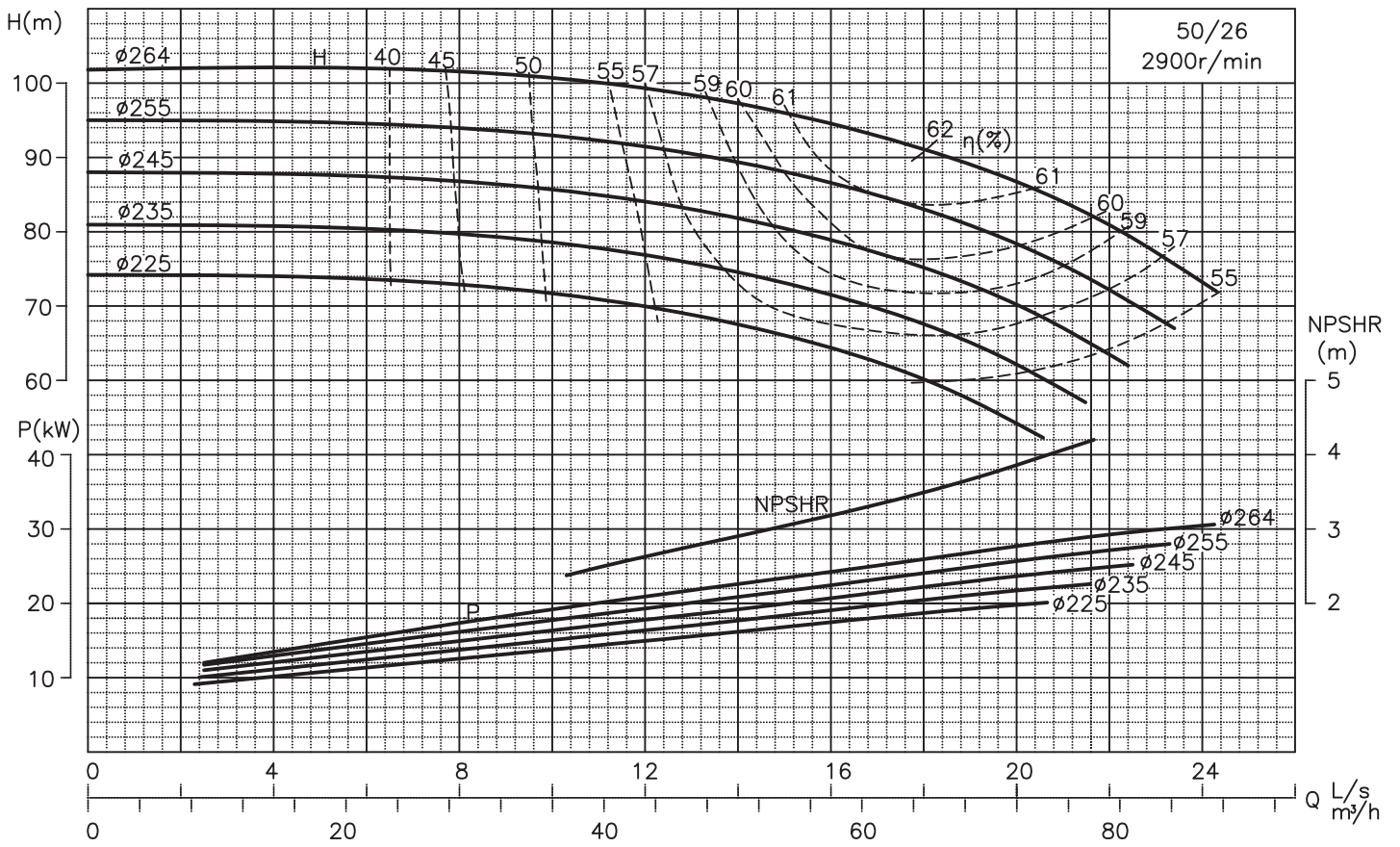
Grade 2B



## Performance Curves

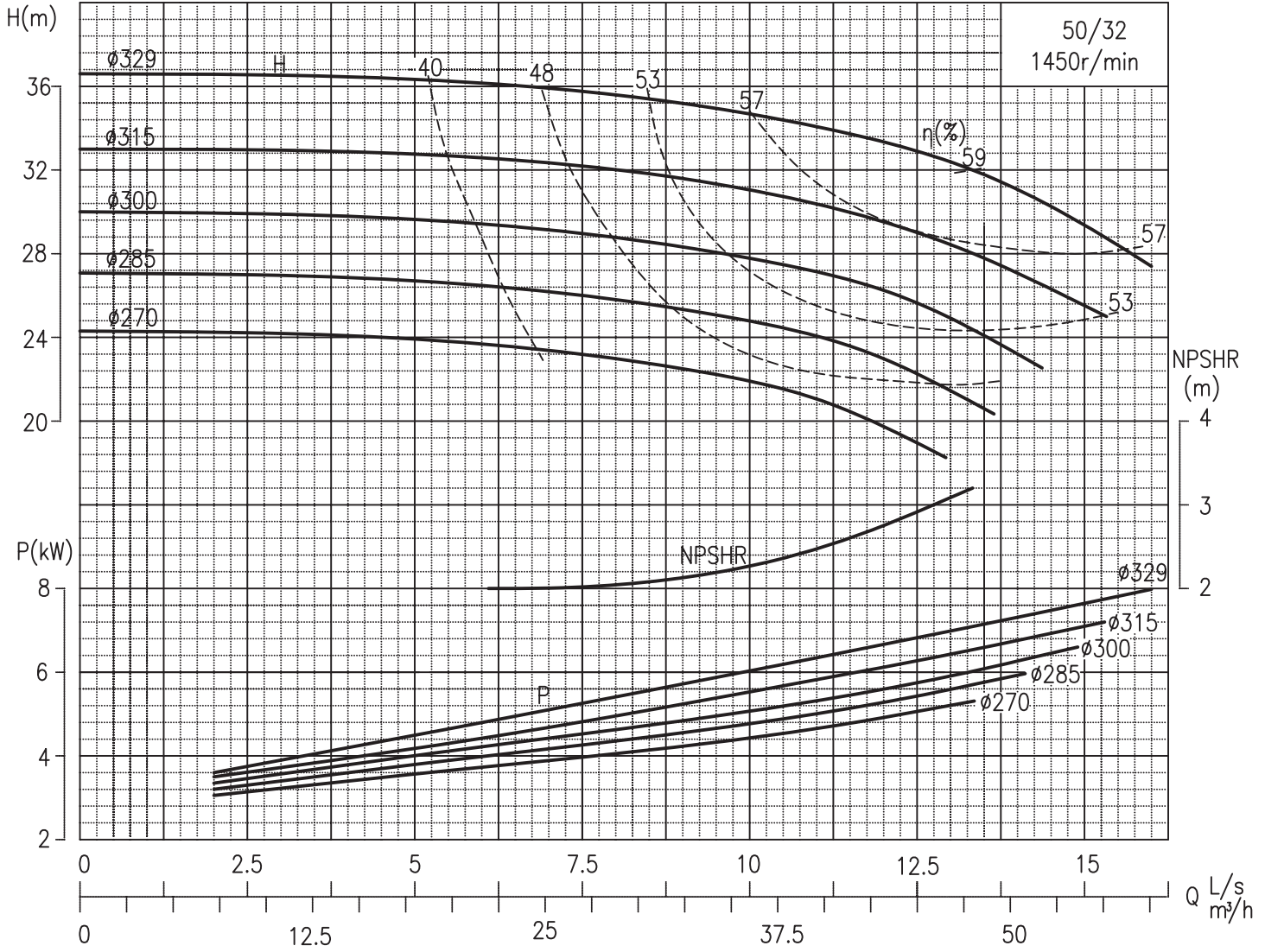
( Standard: ISO 9906 )

Grade 2B



## Performance Curves

( Standard: ISO 9906 )  
Grade 2B

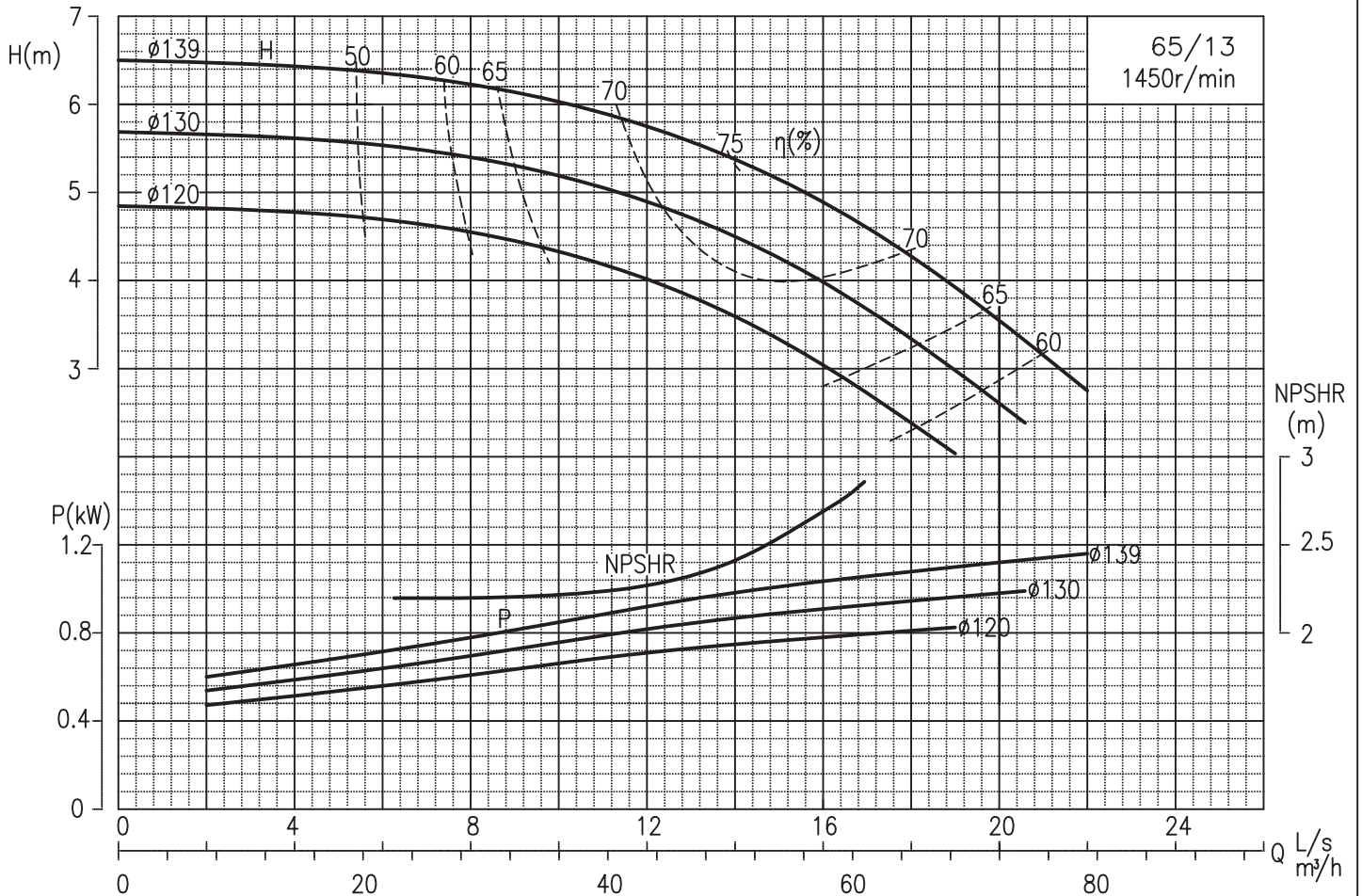
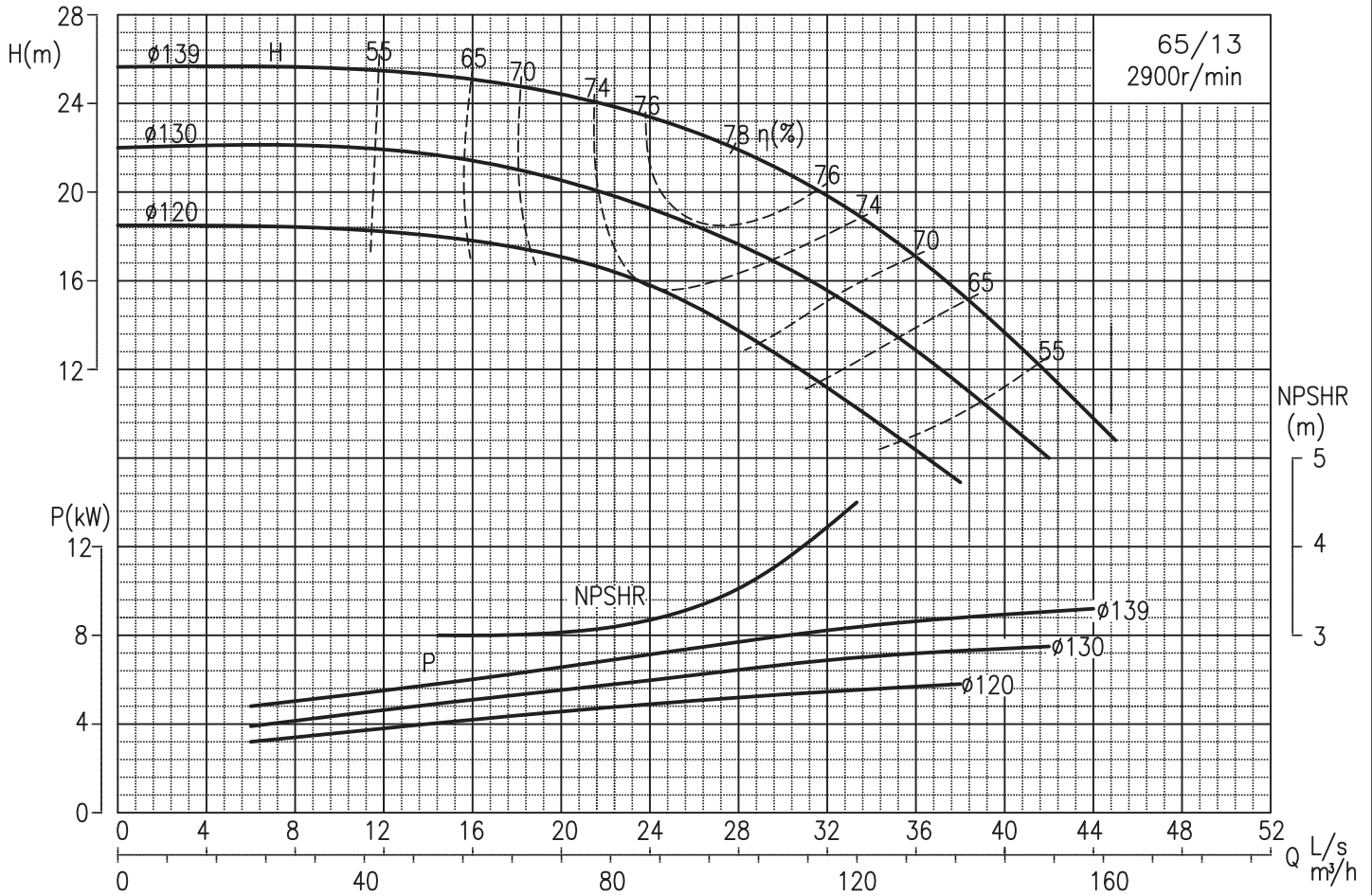


# PAL 65/13

## Performance Curves

( Standard: ISO 9906 )

Grade 2B

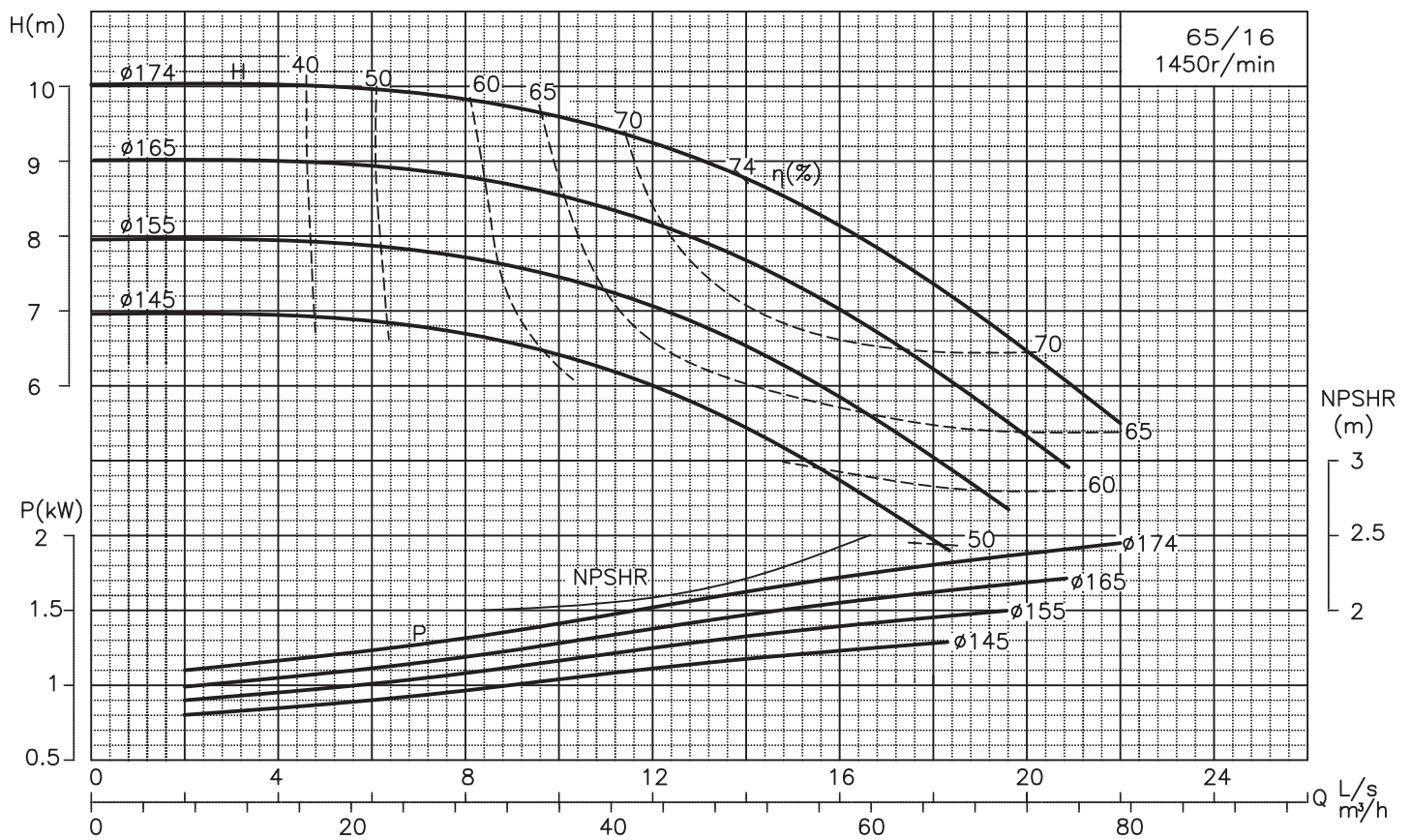
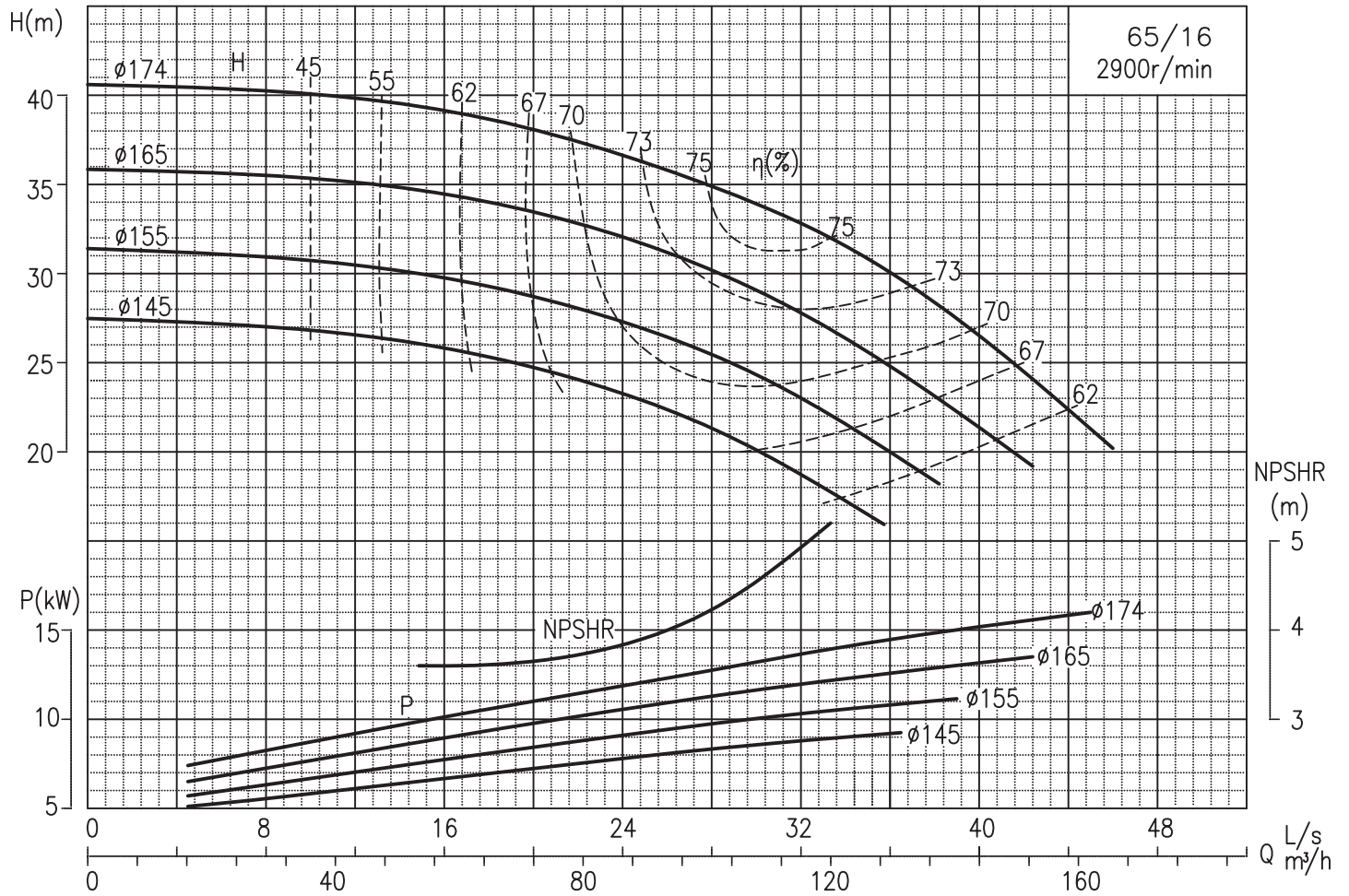


# PAL 65/16

## Performance Curves

( Standard: ISO 9906 )

Grade 2B



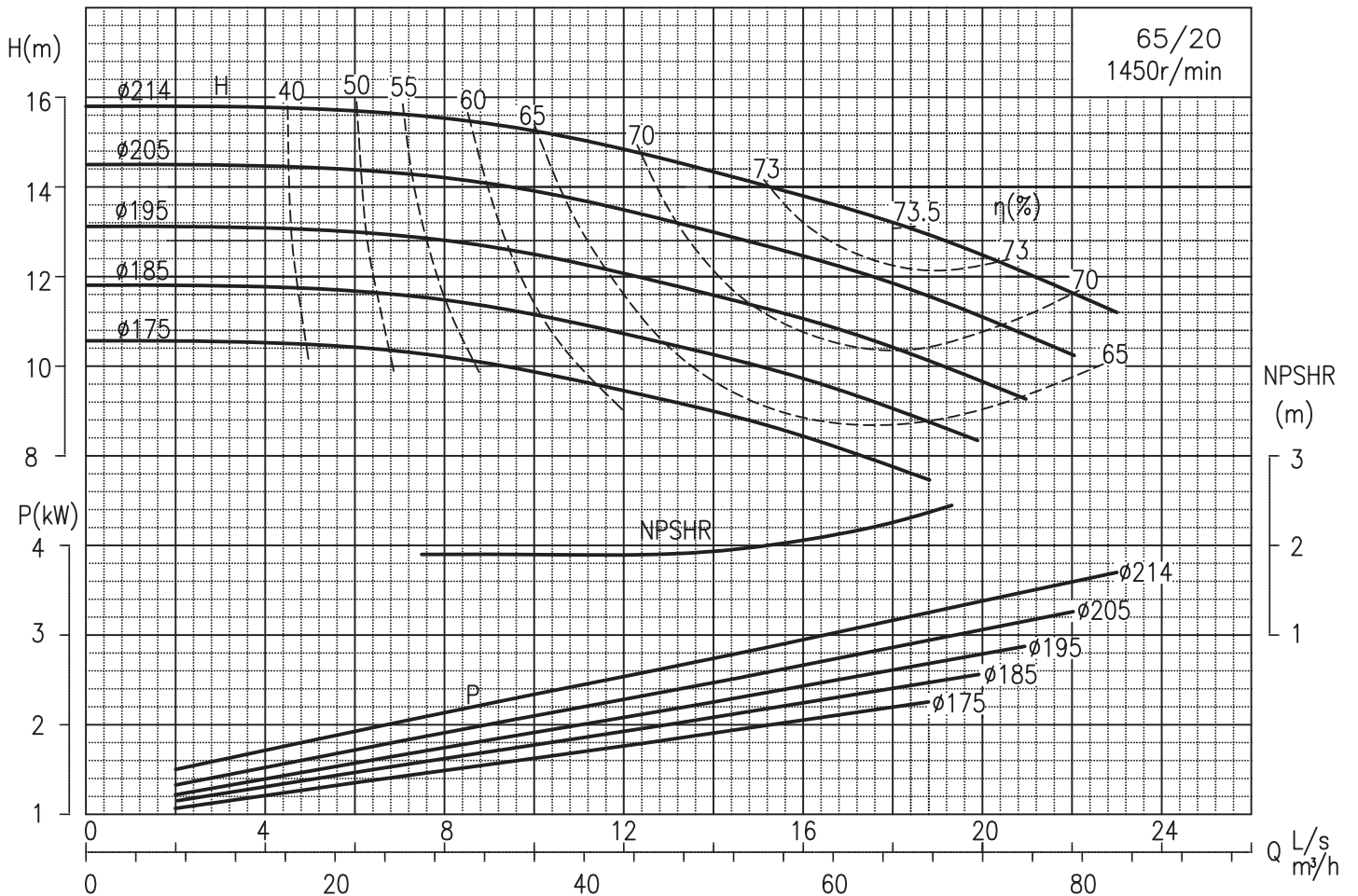
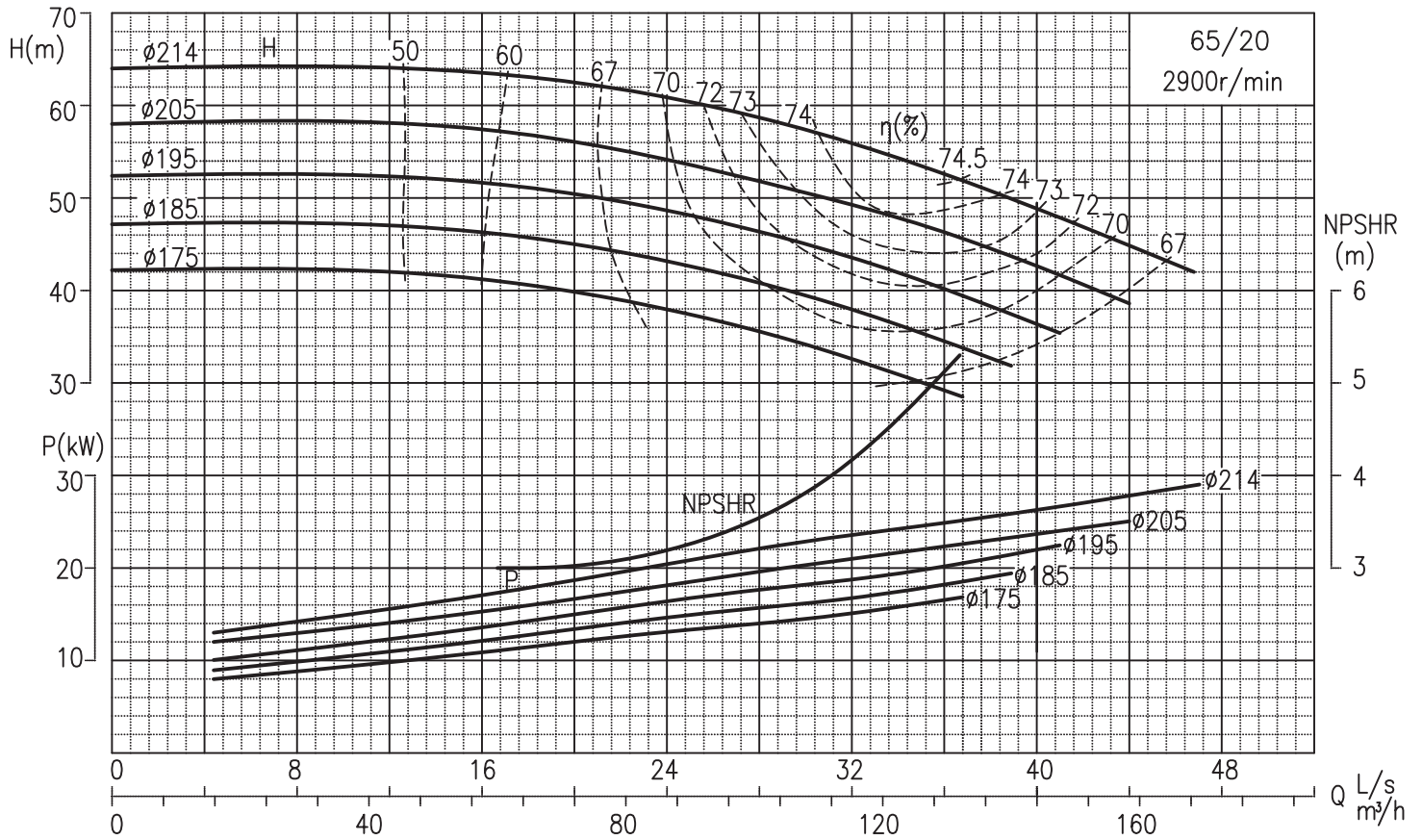


# PAL 65/20

## Performance Curves

( Standard: ISO 9906 )

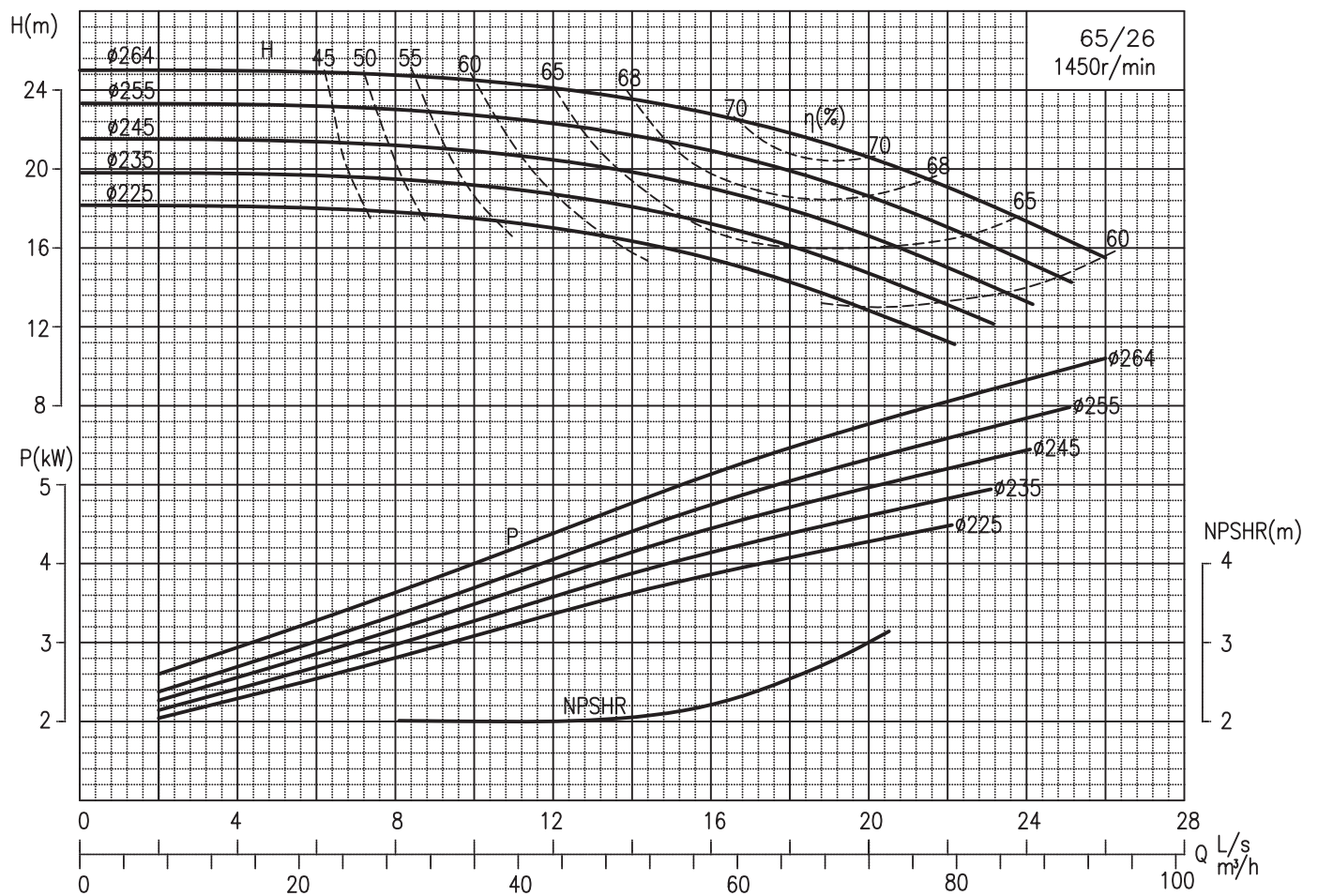
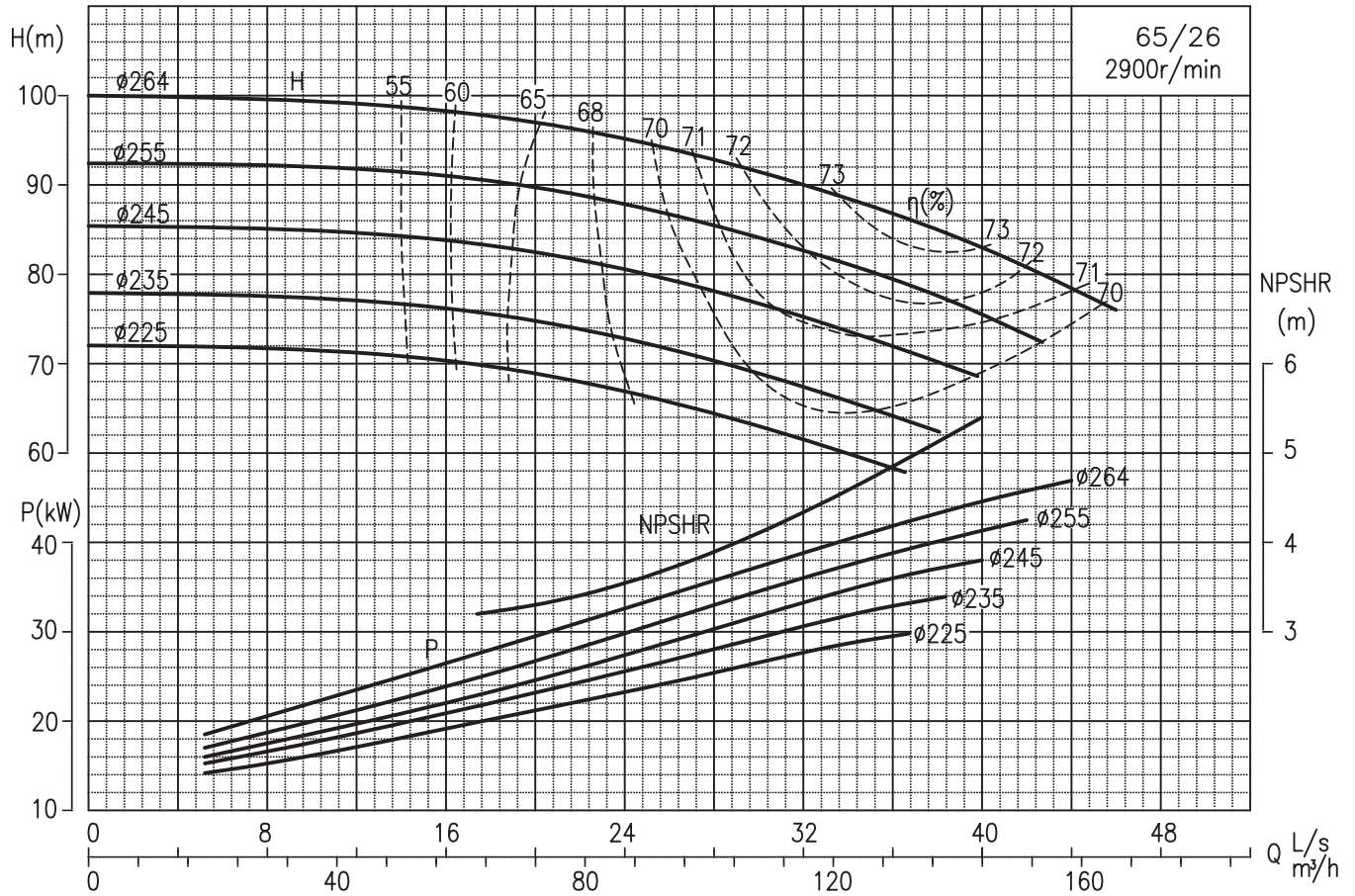
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

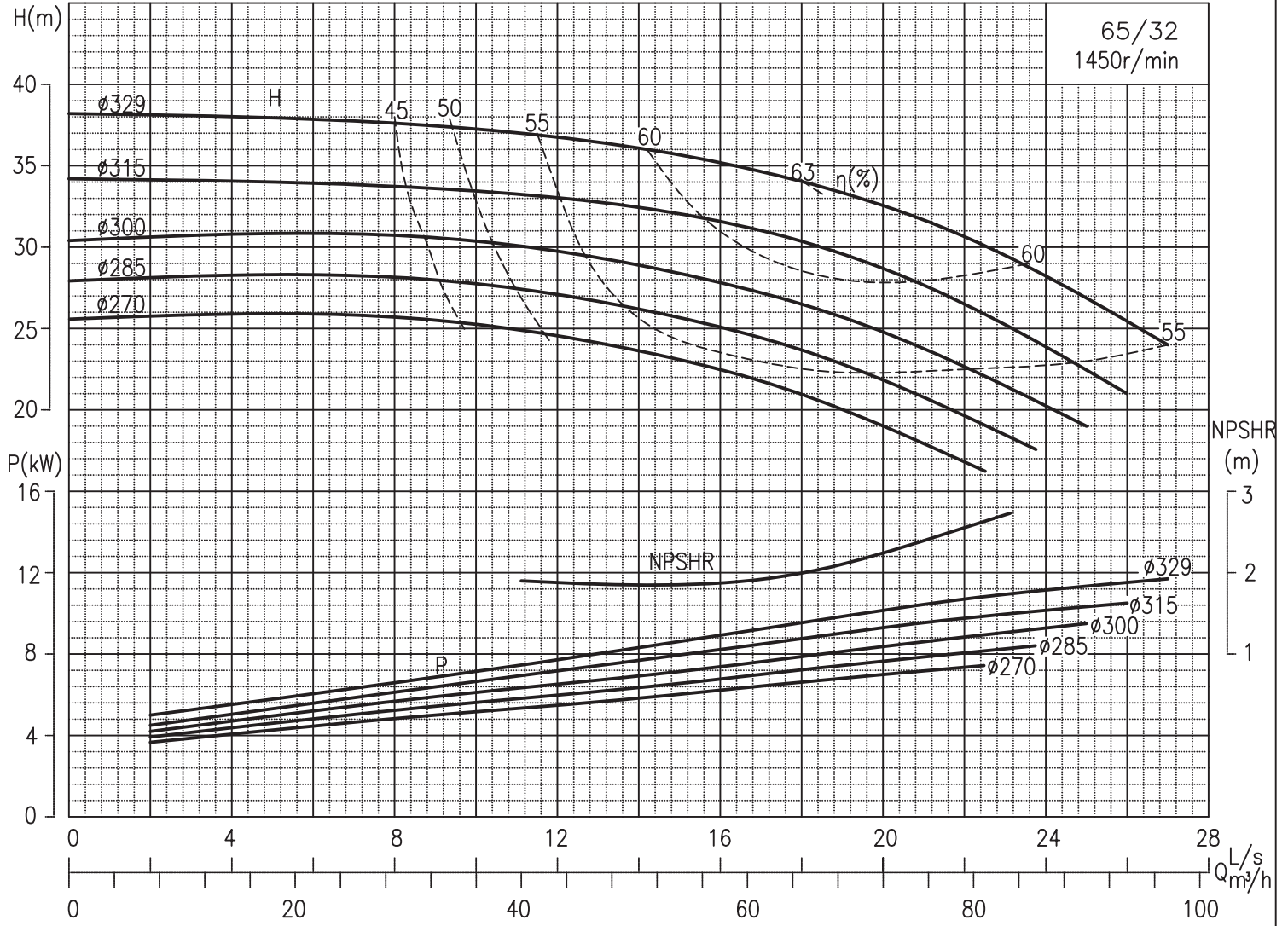
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

Grade 2B



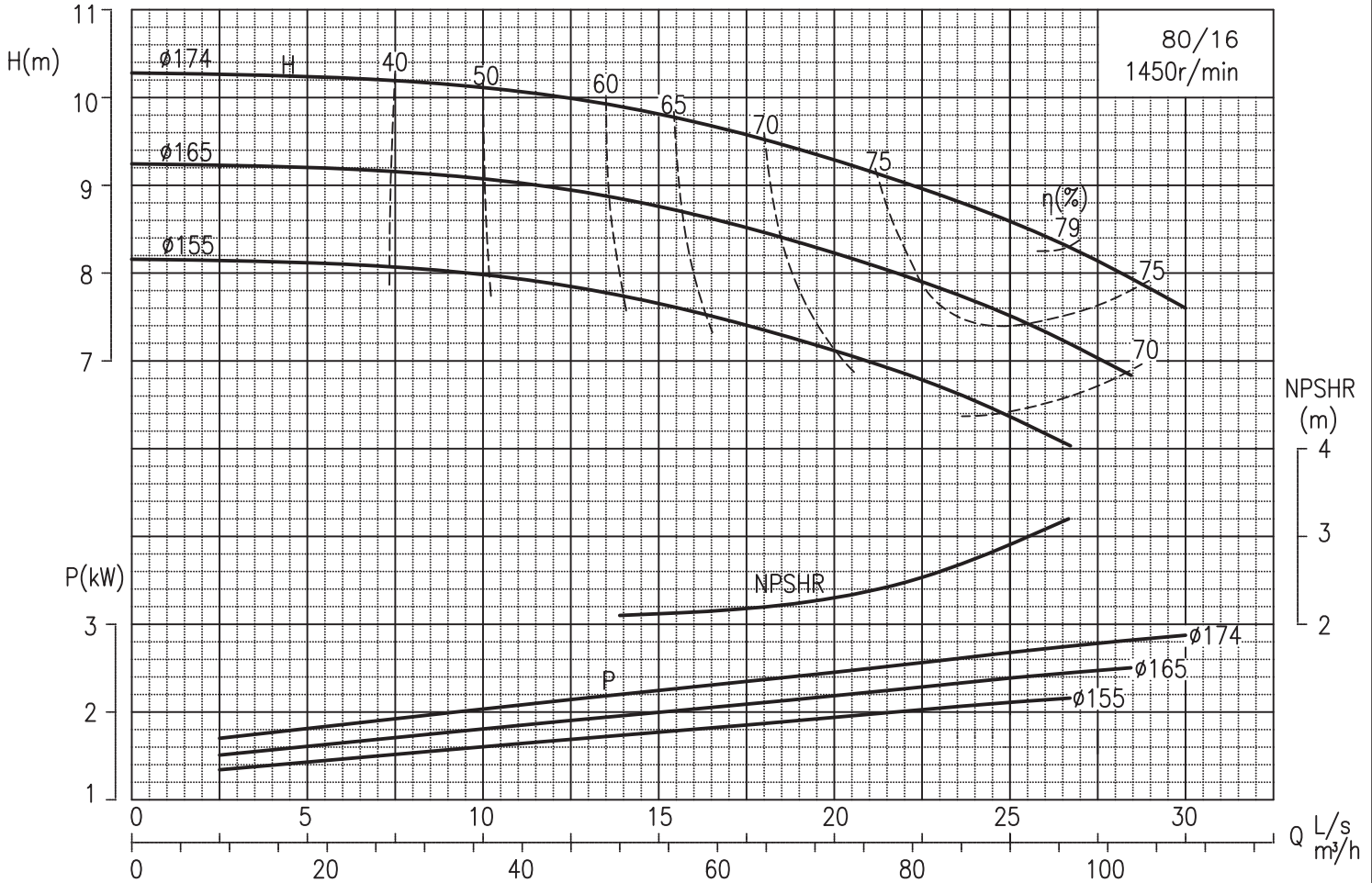
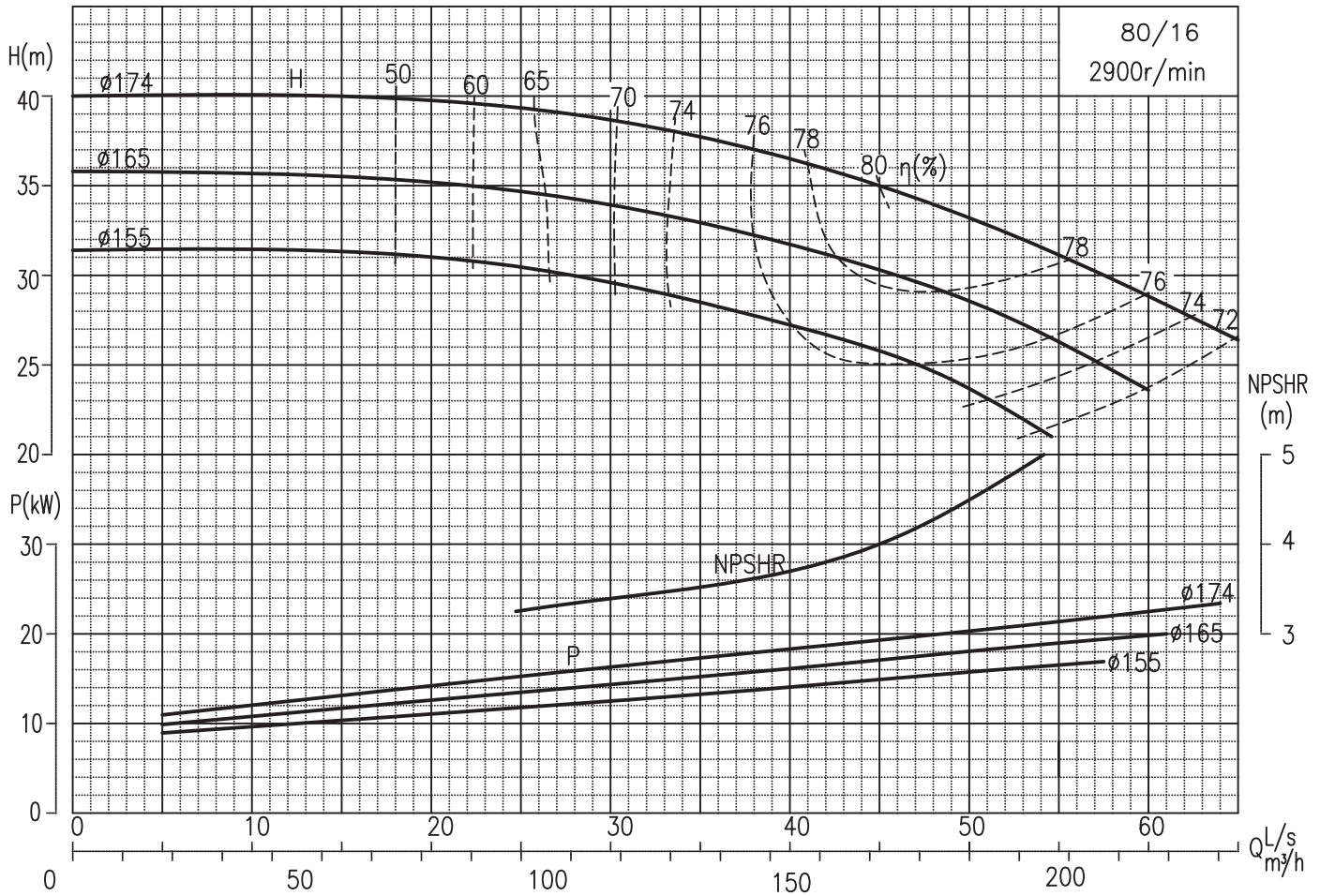
# PAL 80/16



## Performance Curves

( Standard: ISO 9906 )

Grade 2B



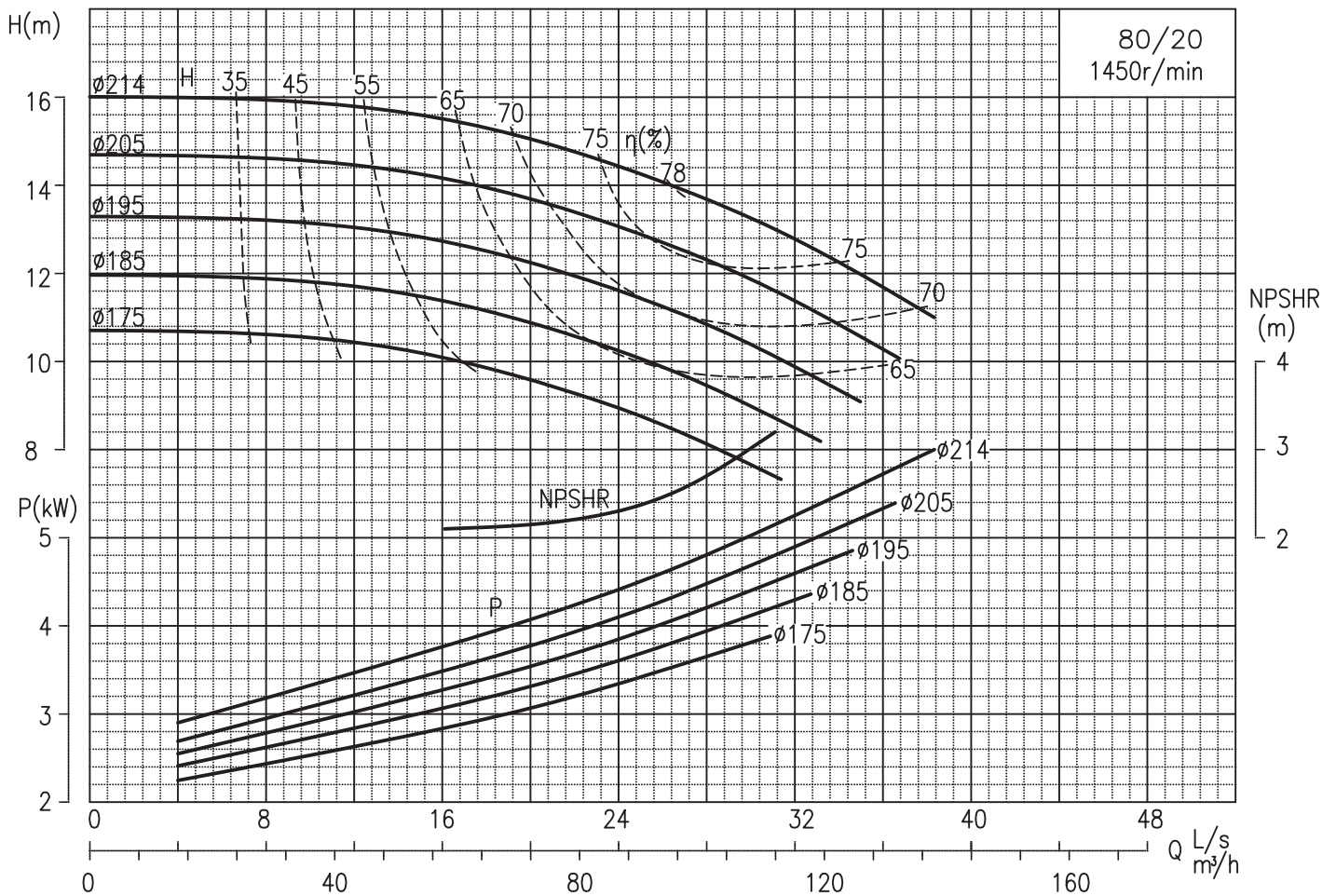
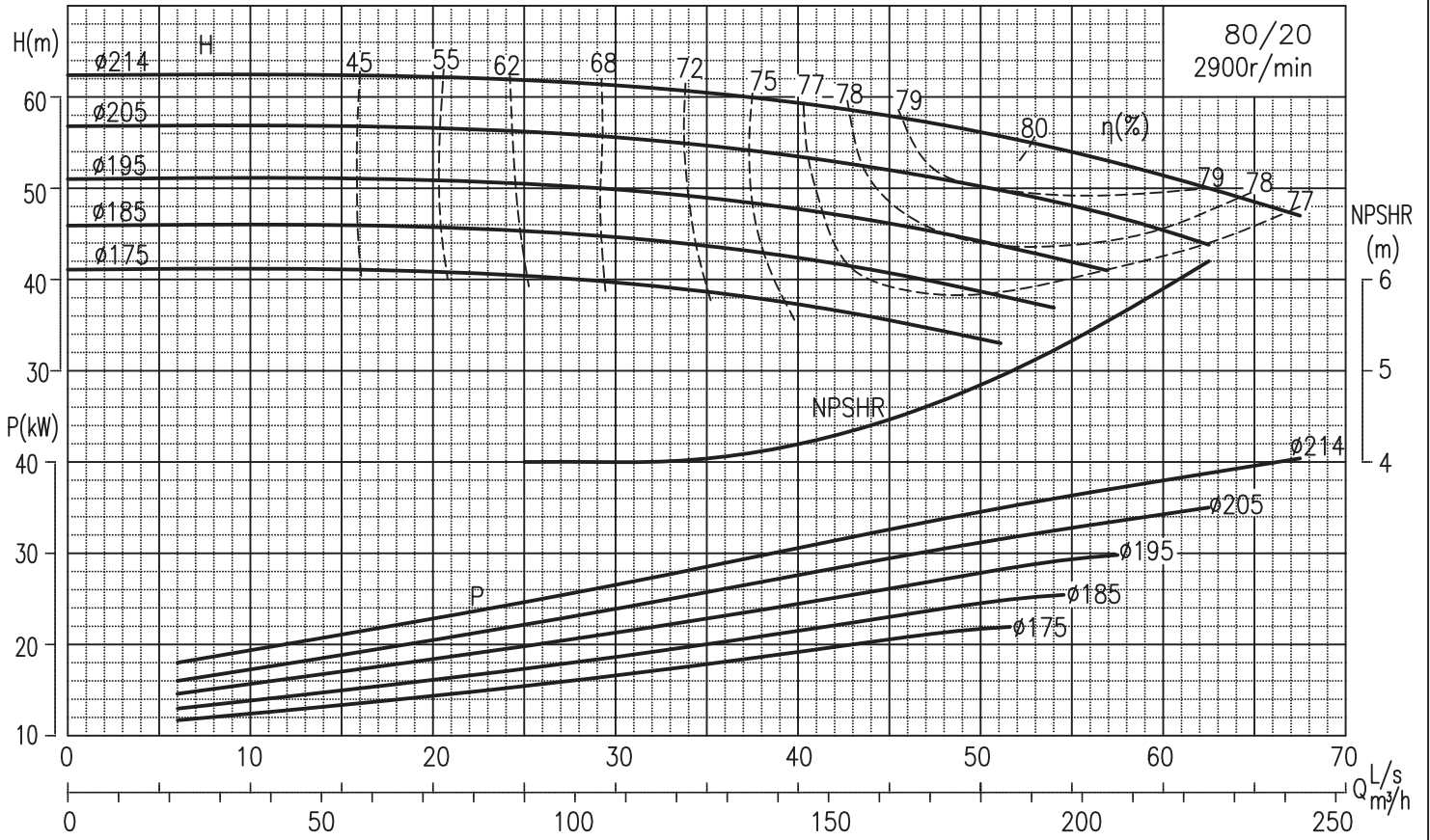
# PAL 80/20

## Performance Curves



( Standard: ISO 9906 )

Grade 2B



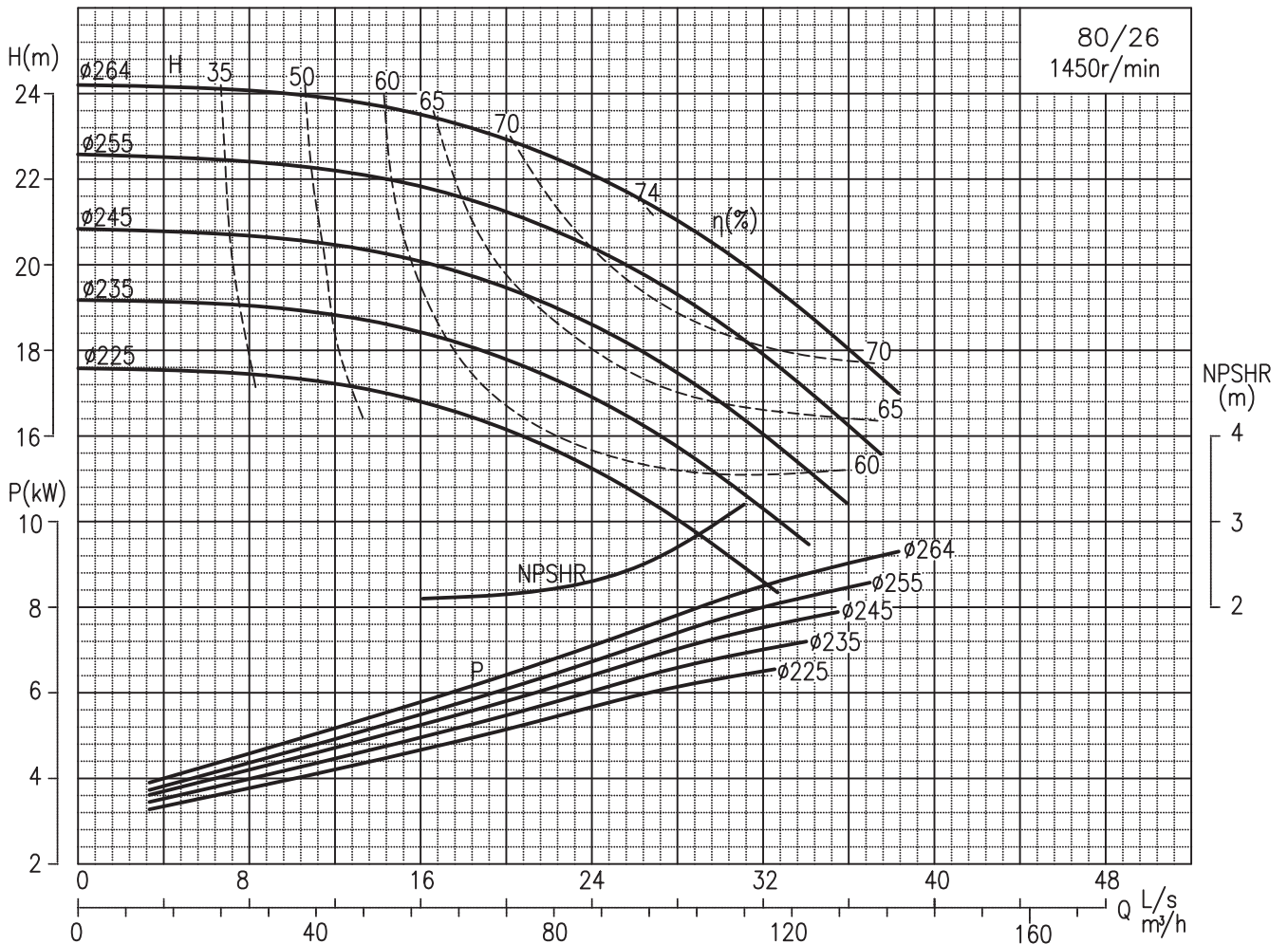
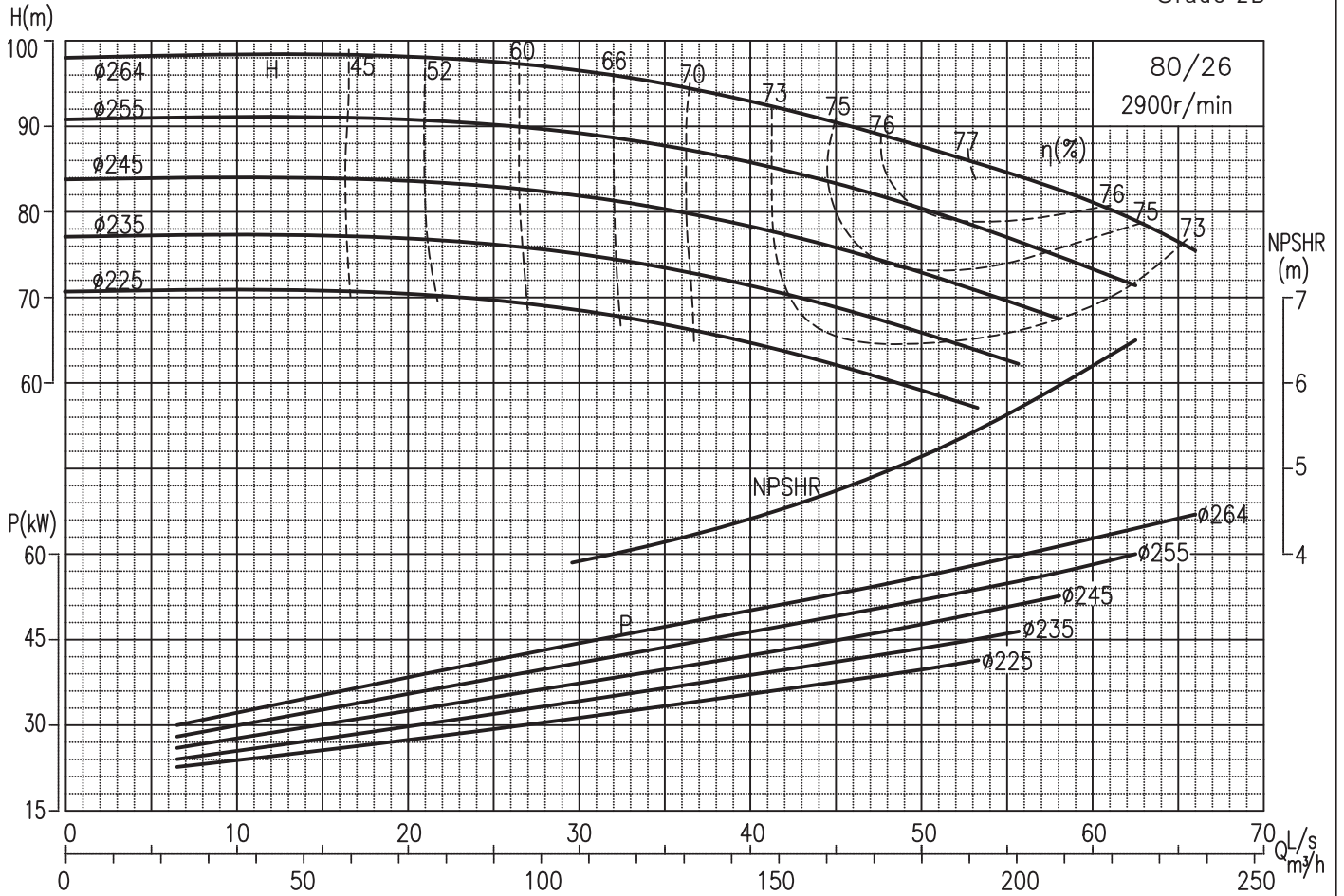
# PAL 80/26



## Performance Curves

( Standard: ISO 9906 )

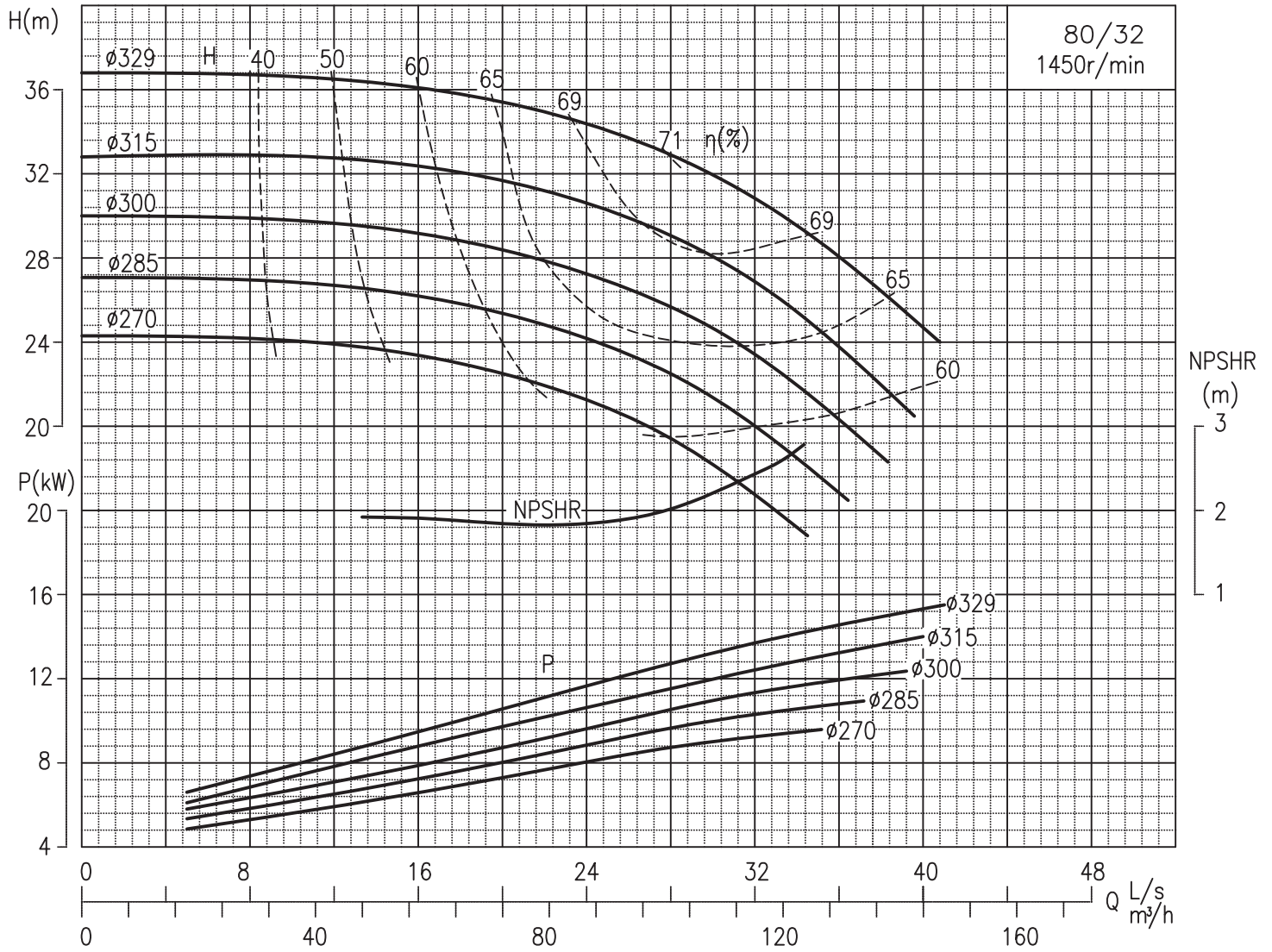
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

Grade 2B

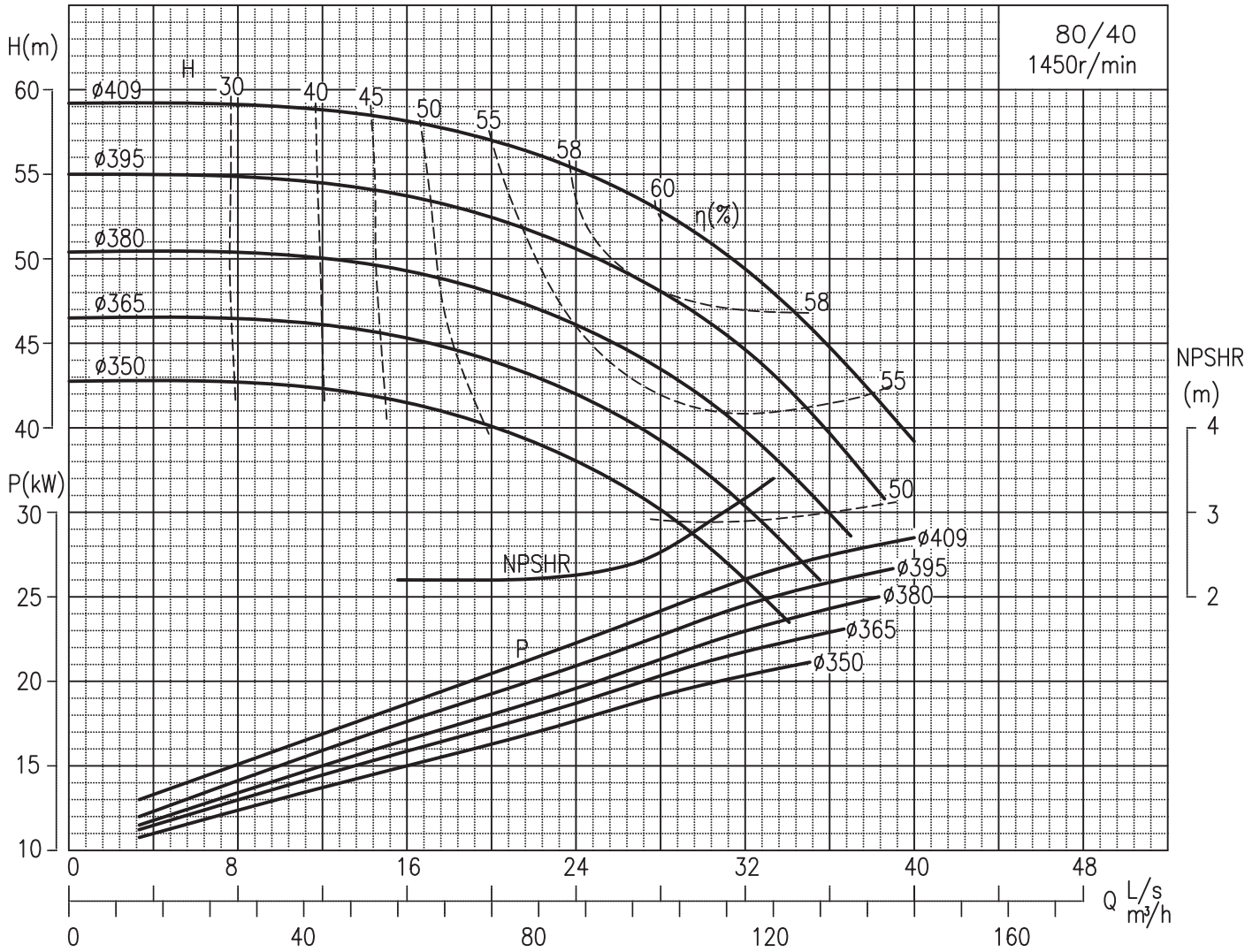


# PAL 80/40

## Performance Curves

( Standard: ISO 9906 )

Grade 2B

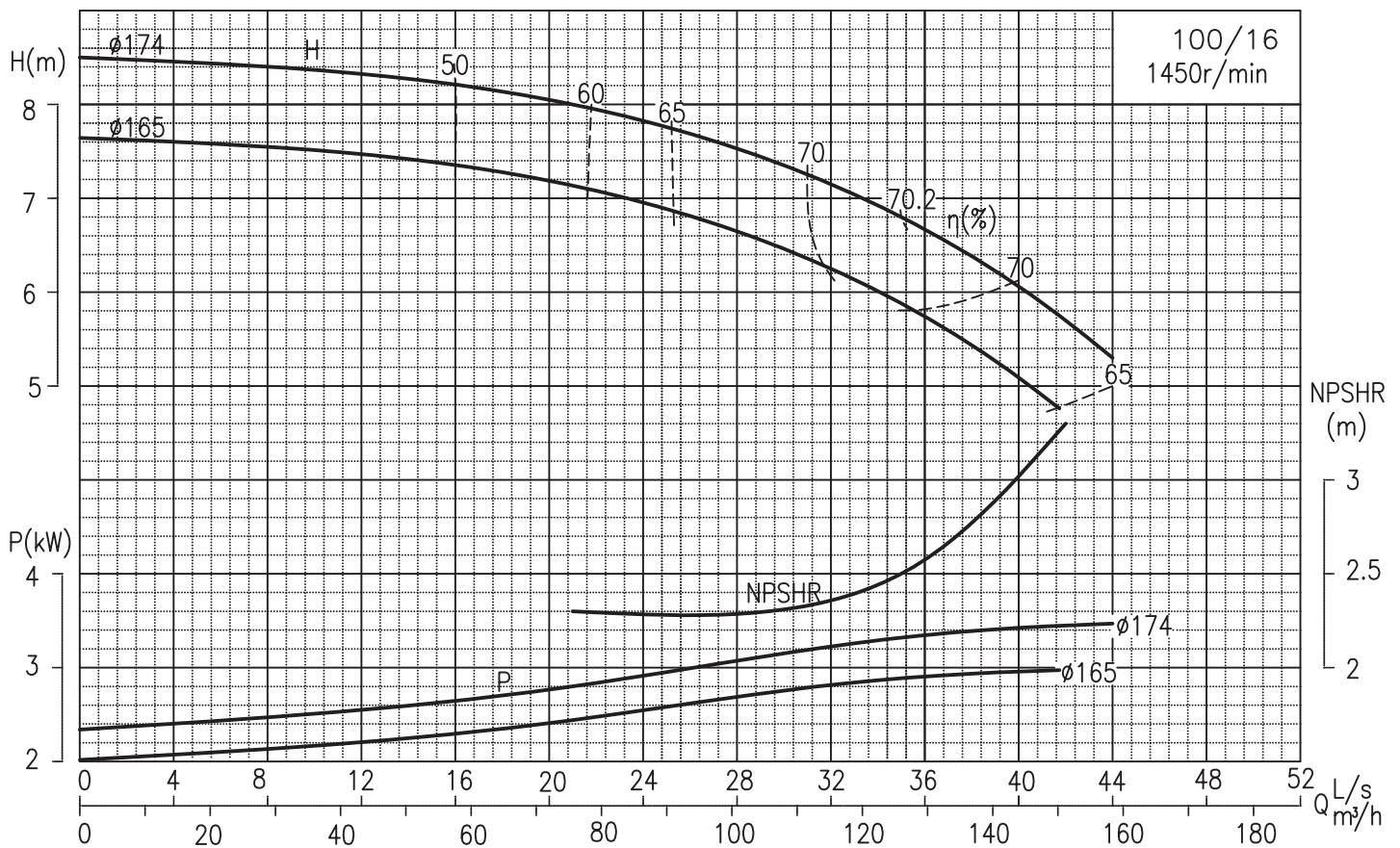
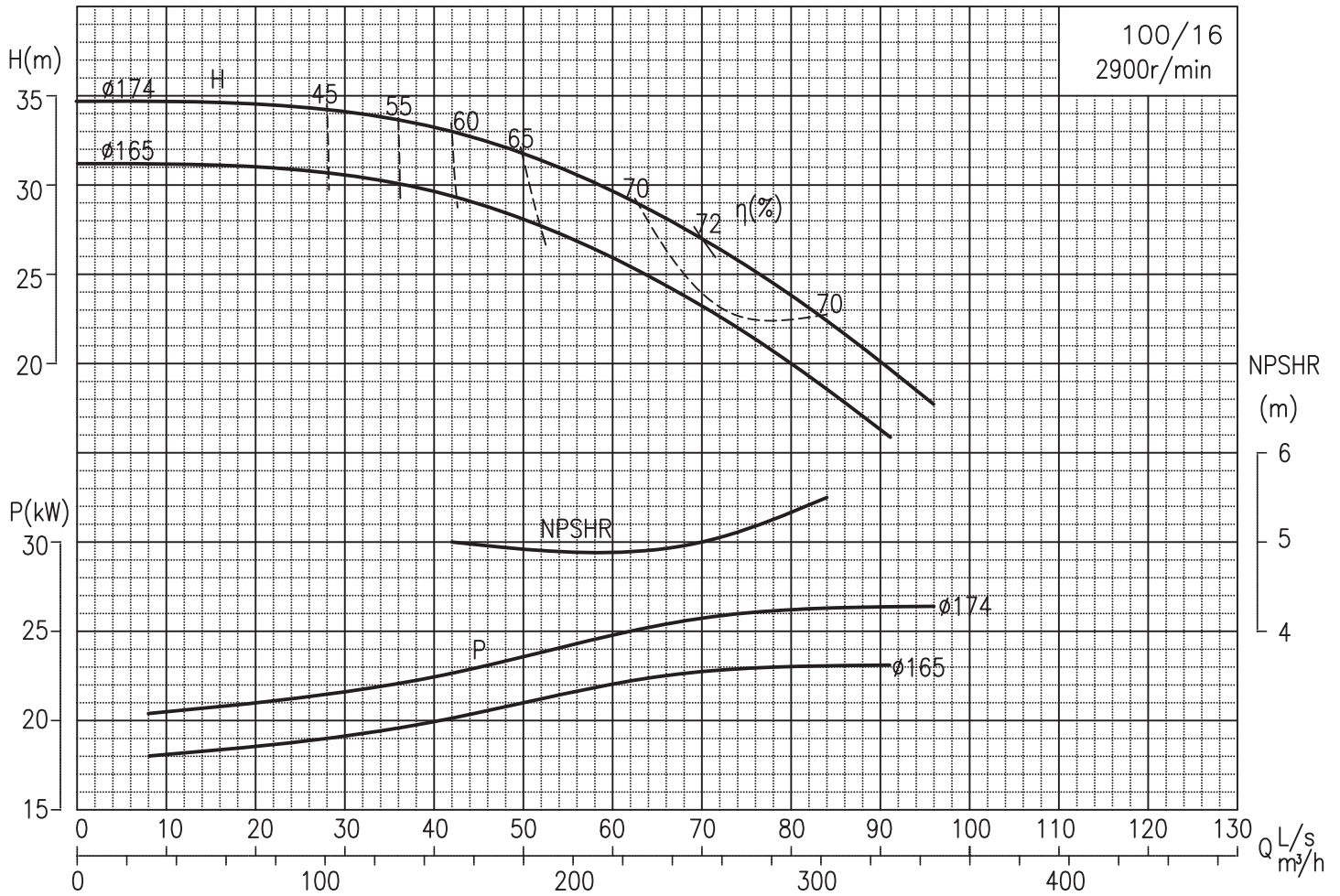




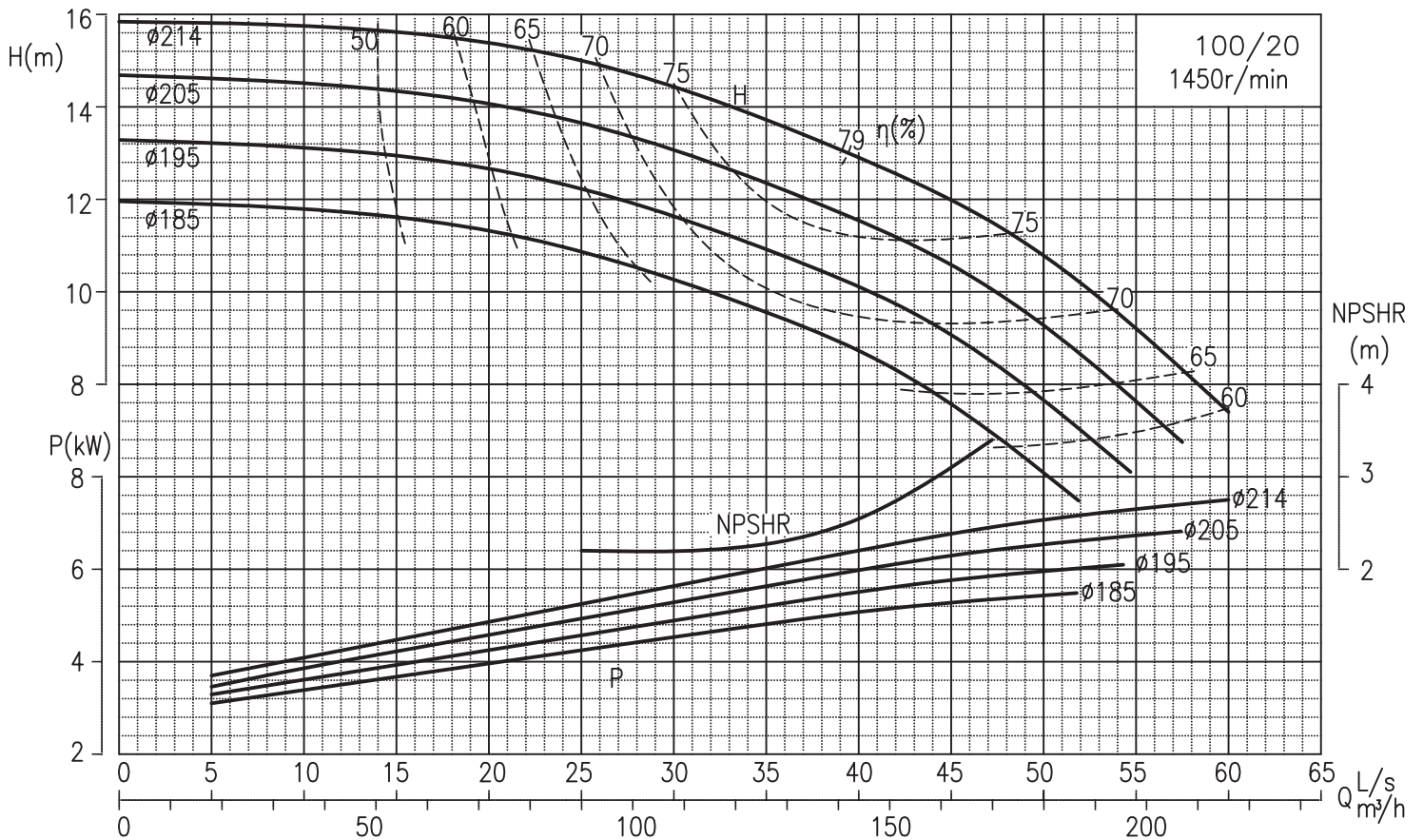
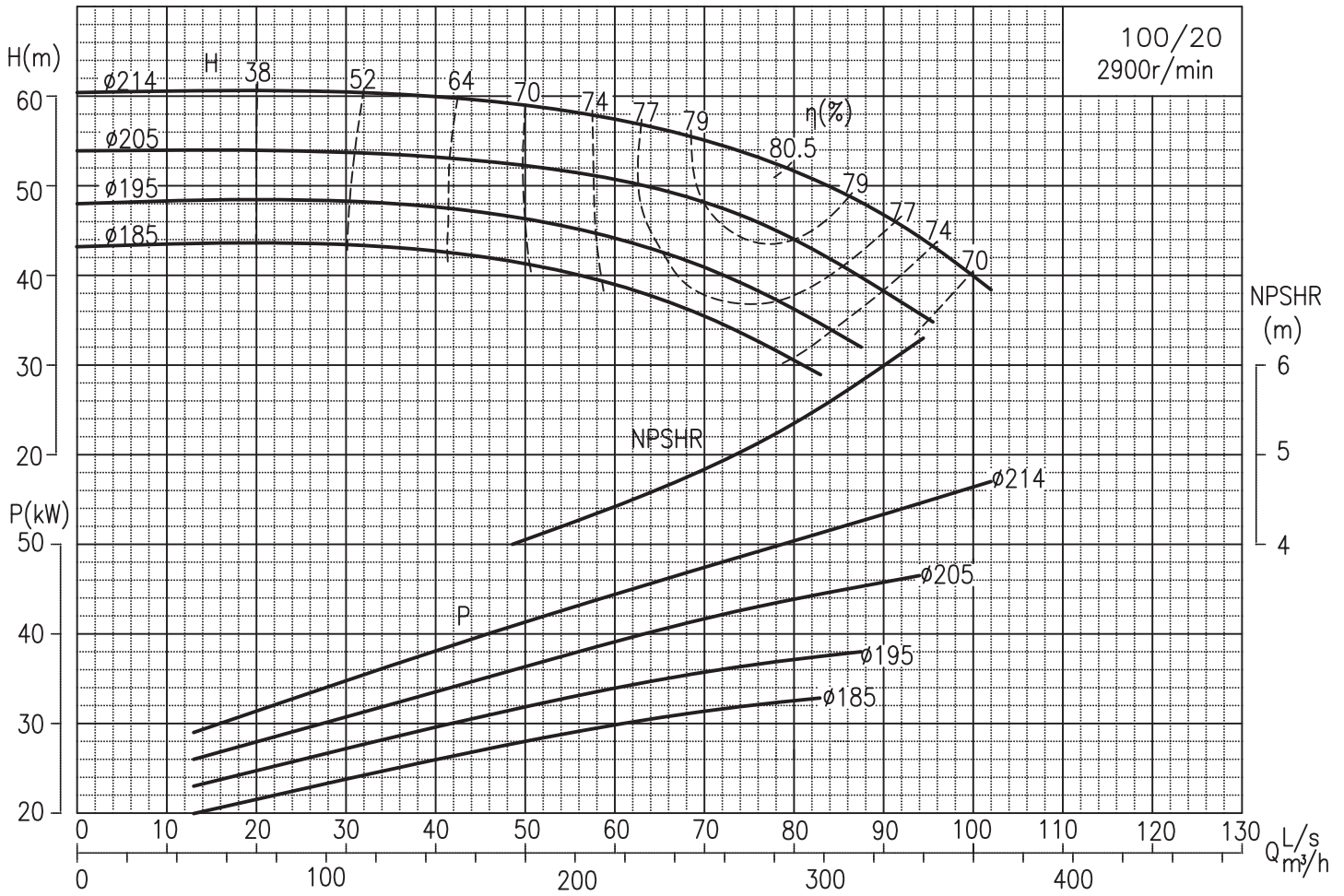
## Performance Curves

( Standard: ISO 9906 )

Grade 2B



## Performance Curves



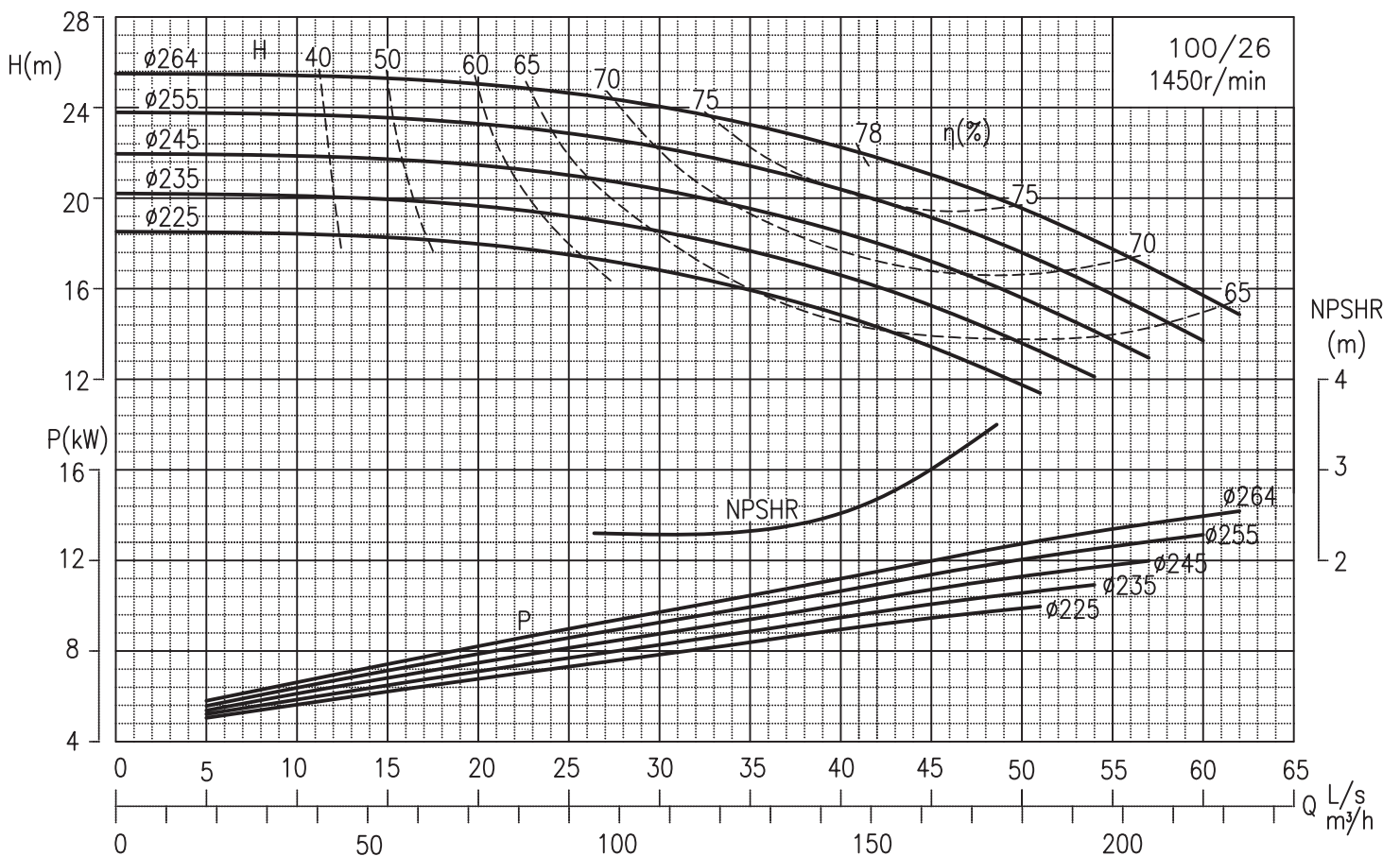
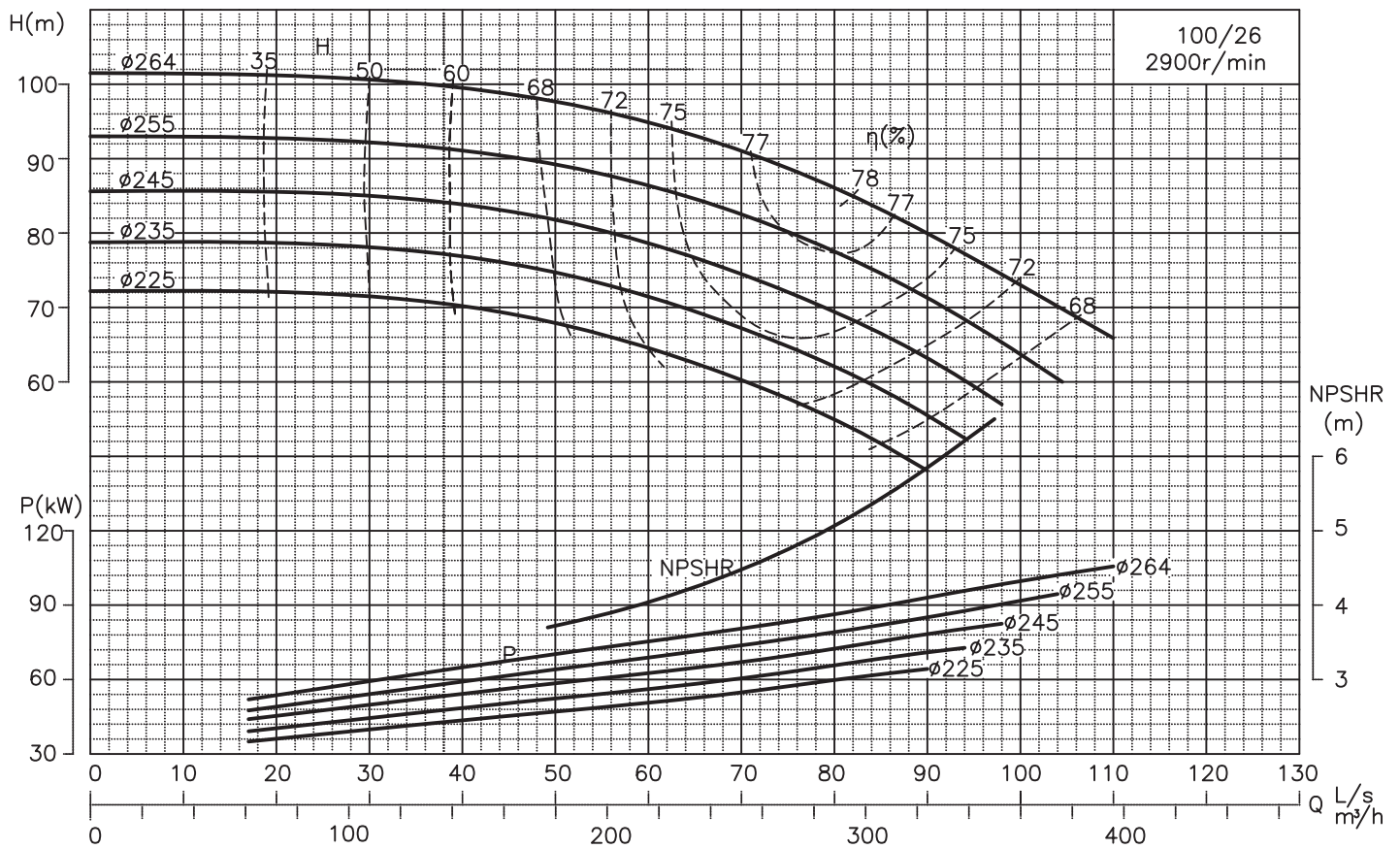
# PAL 100/26



## Performance Curves

(Standard: ISO 9906)

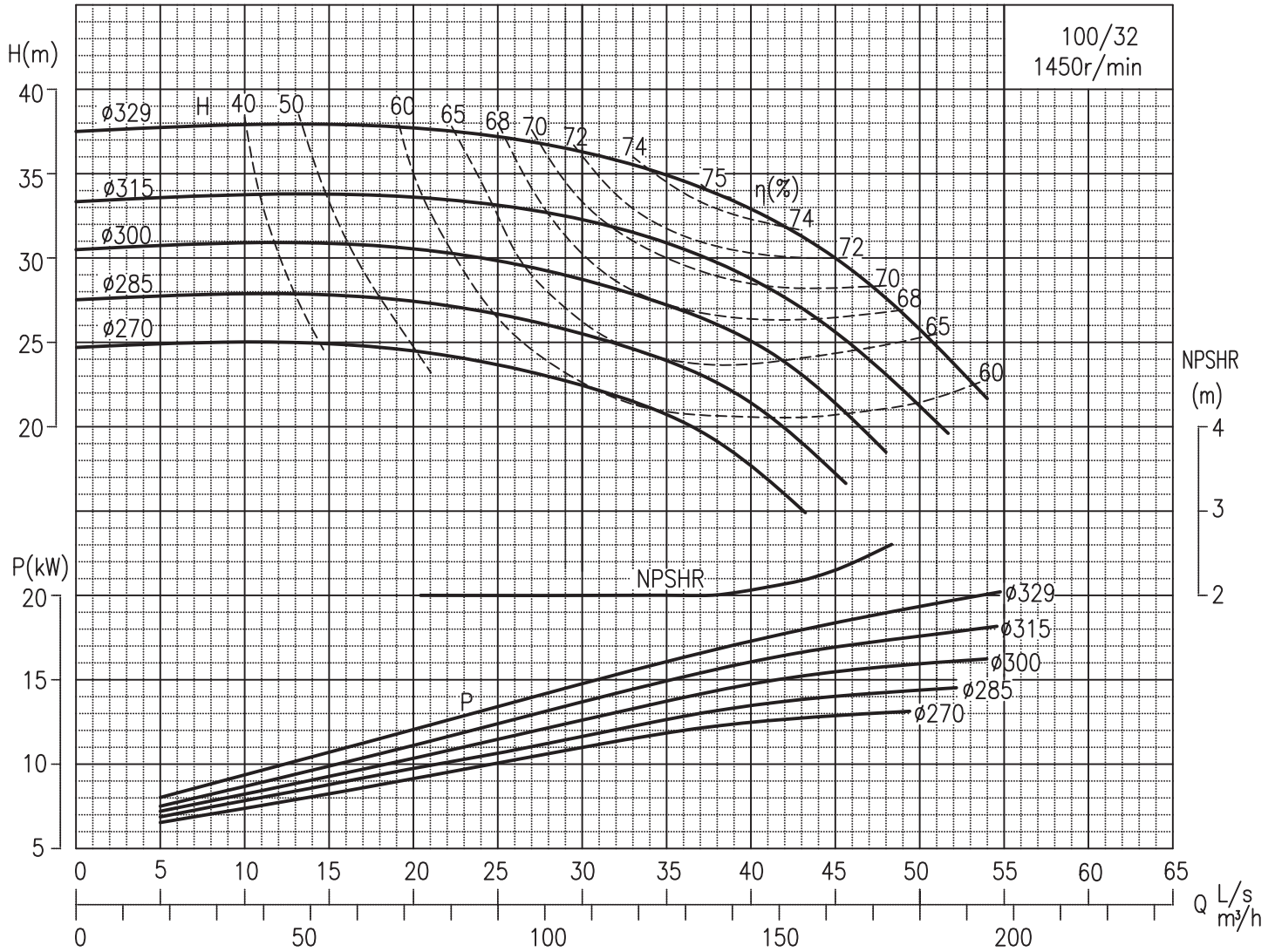
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

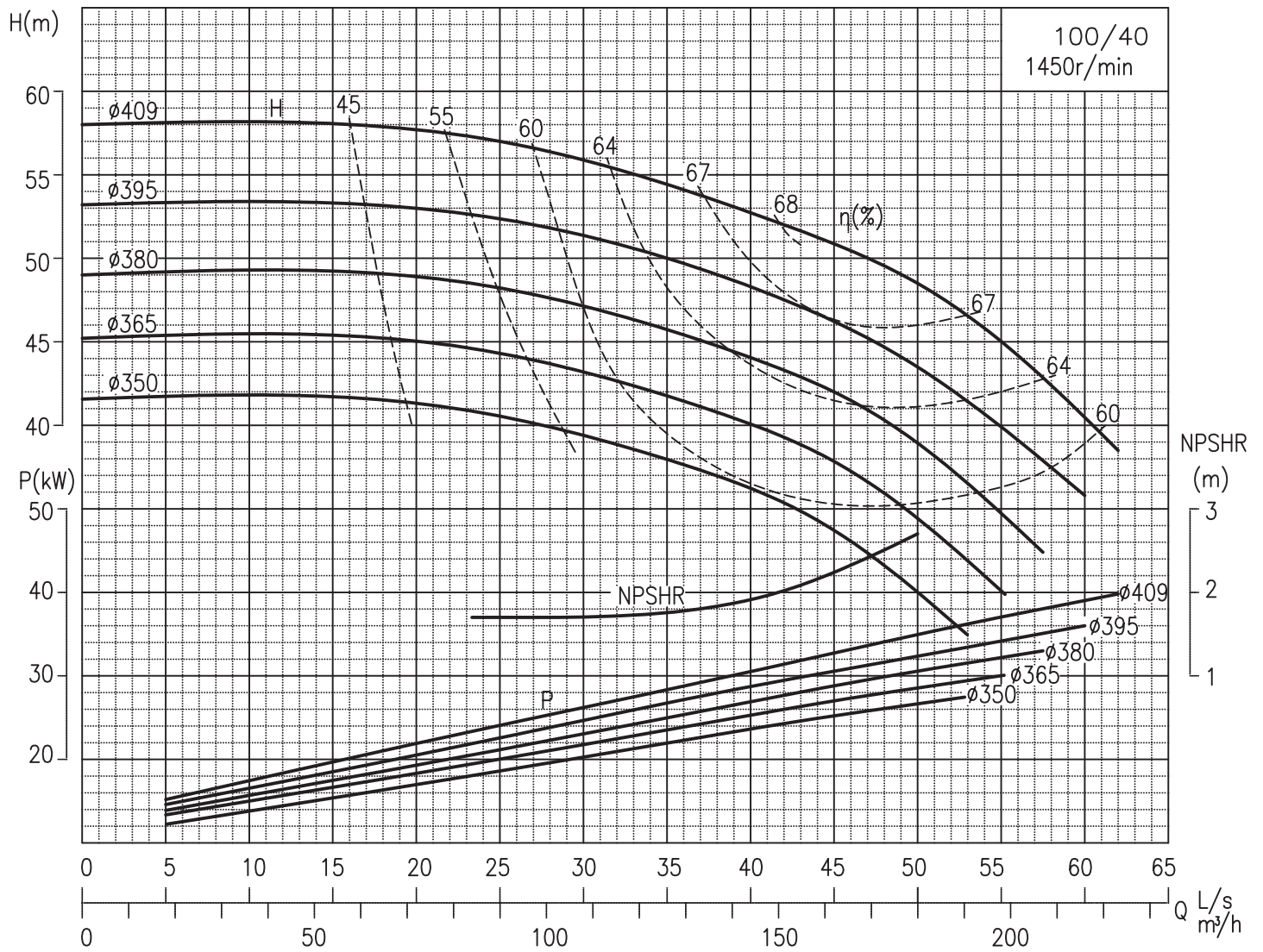
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

Grade 2B



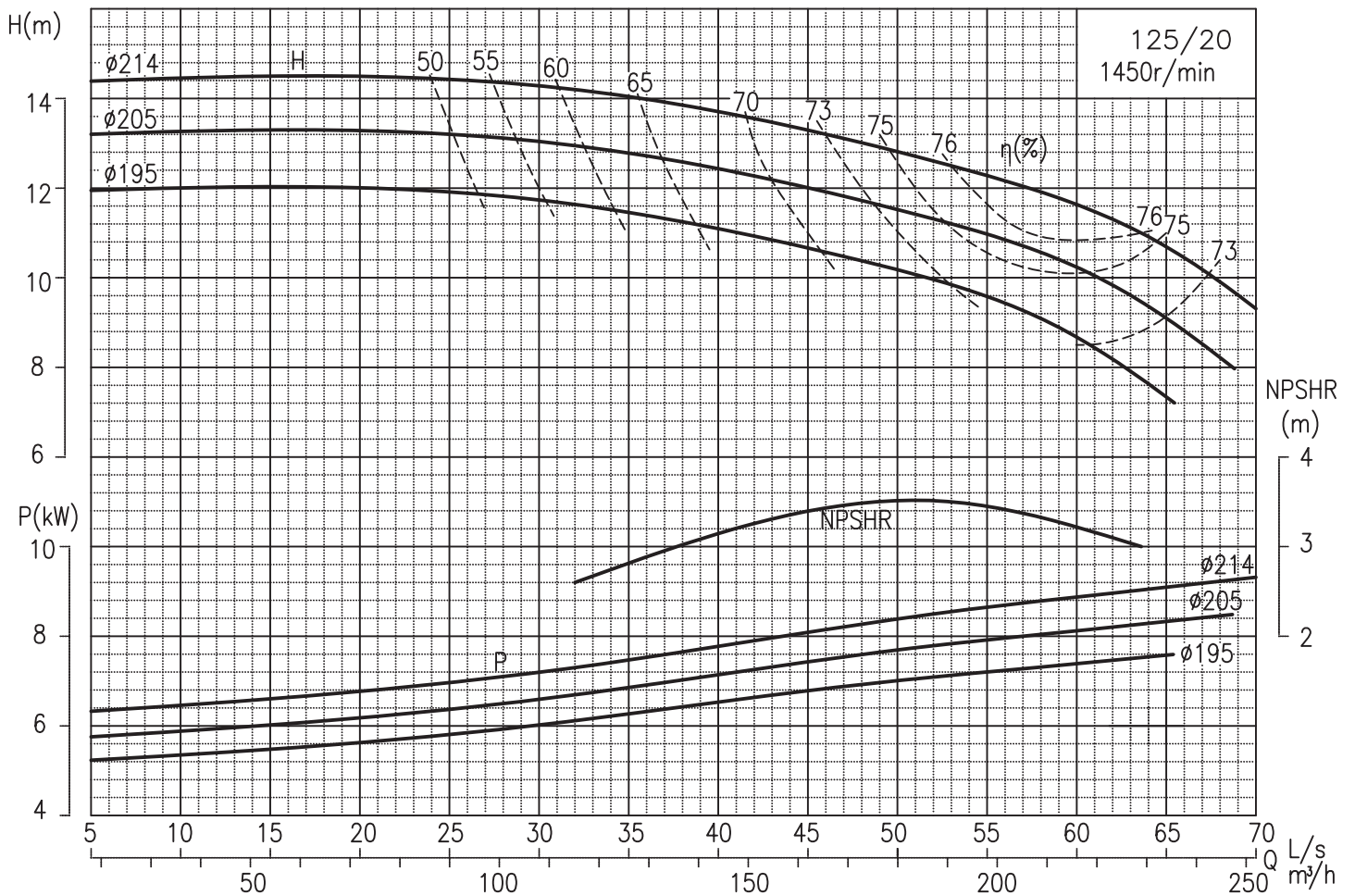
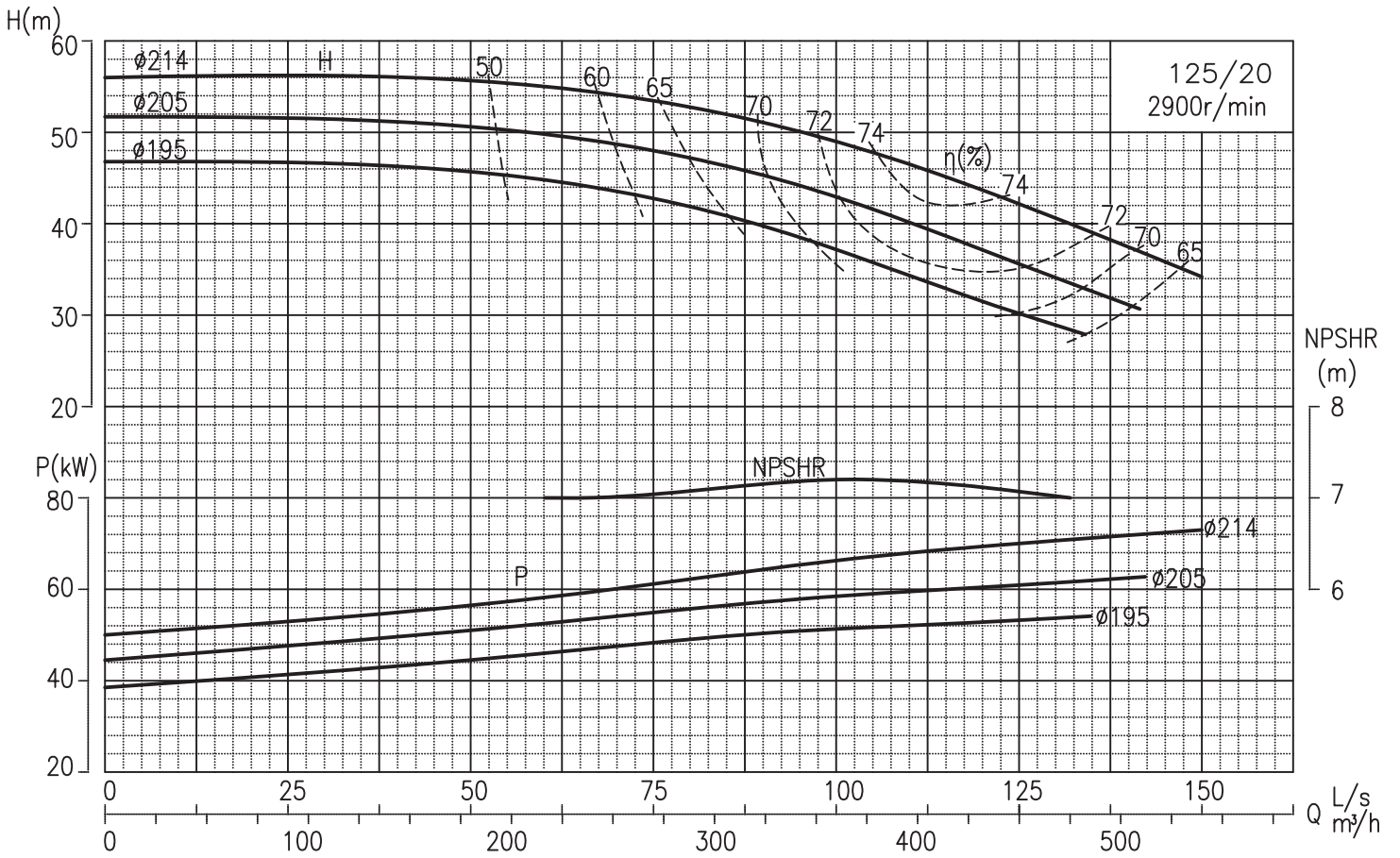
# PAL125/20



## Performance Curves

( Standard: ISO 9906 )

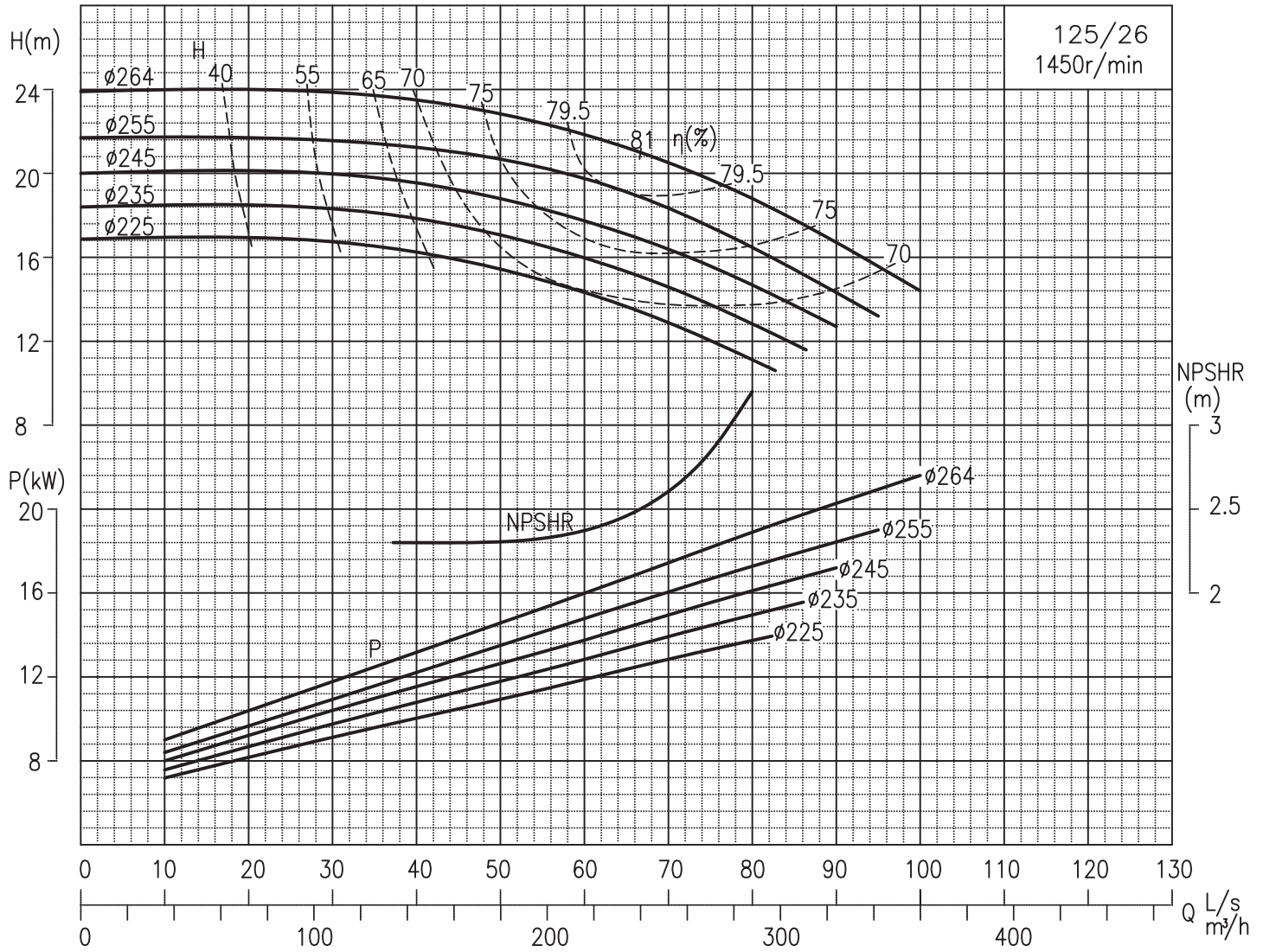
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

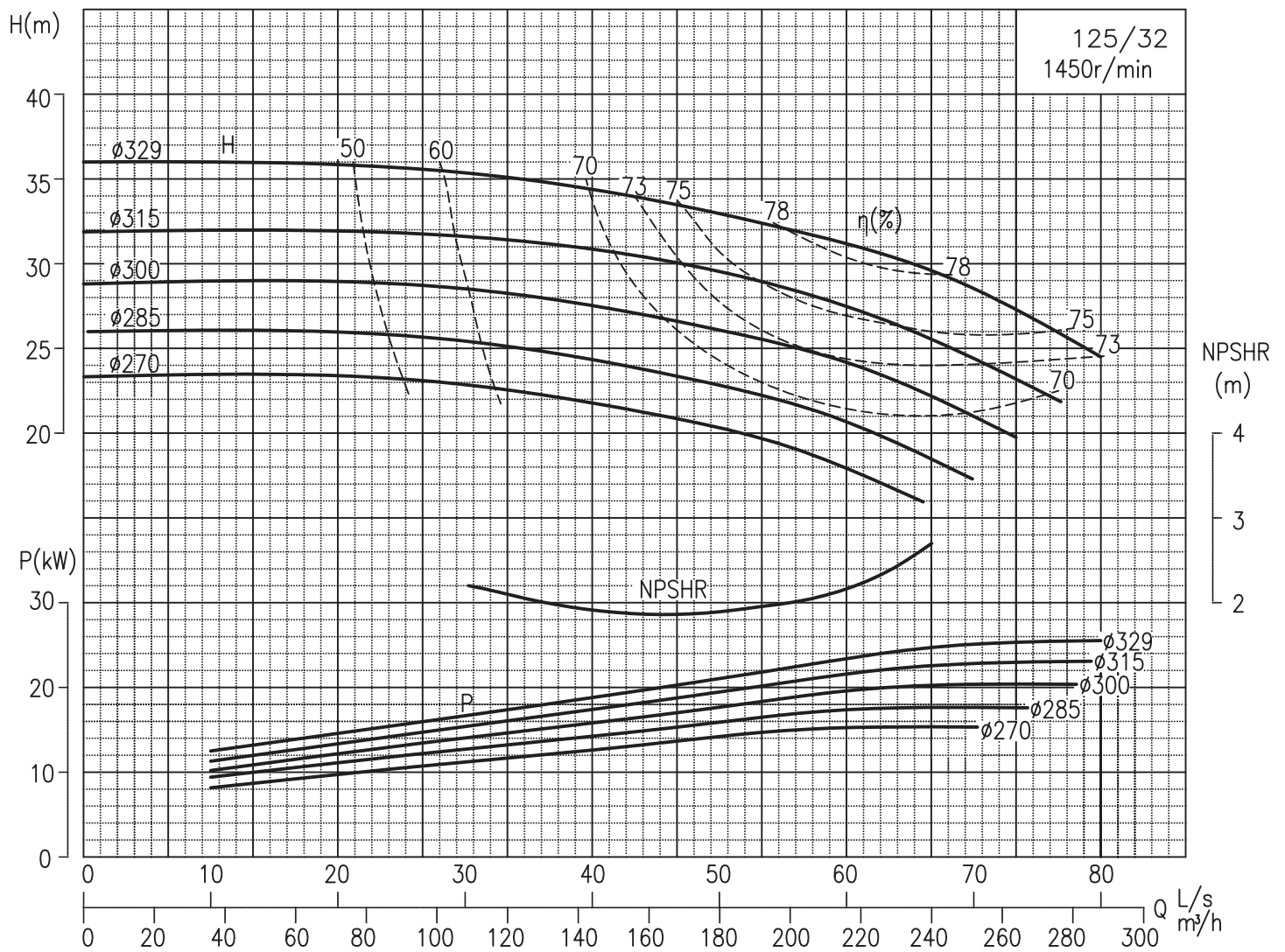
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

Grade 2B

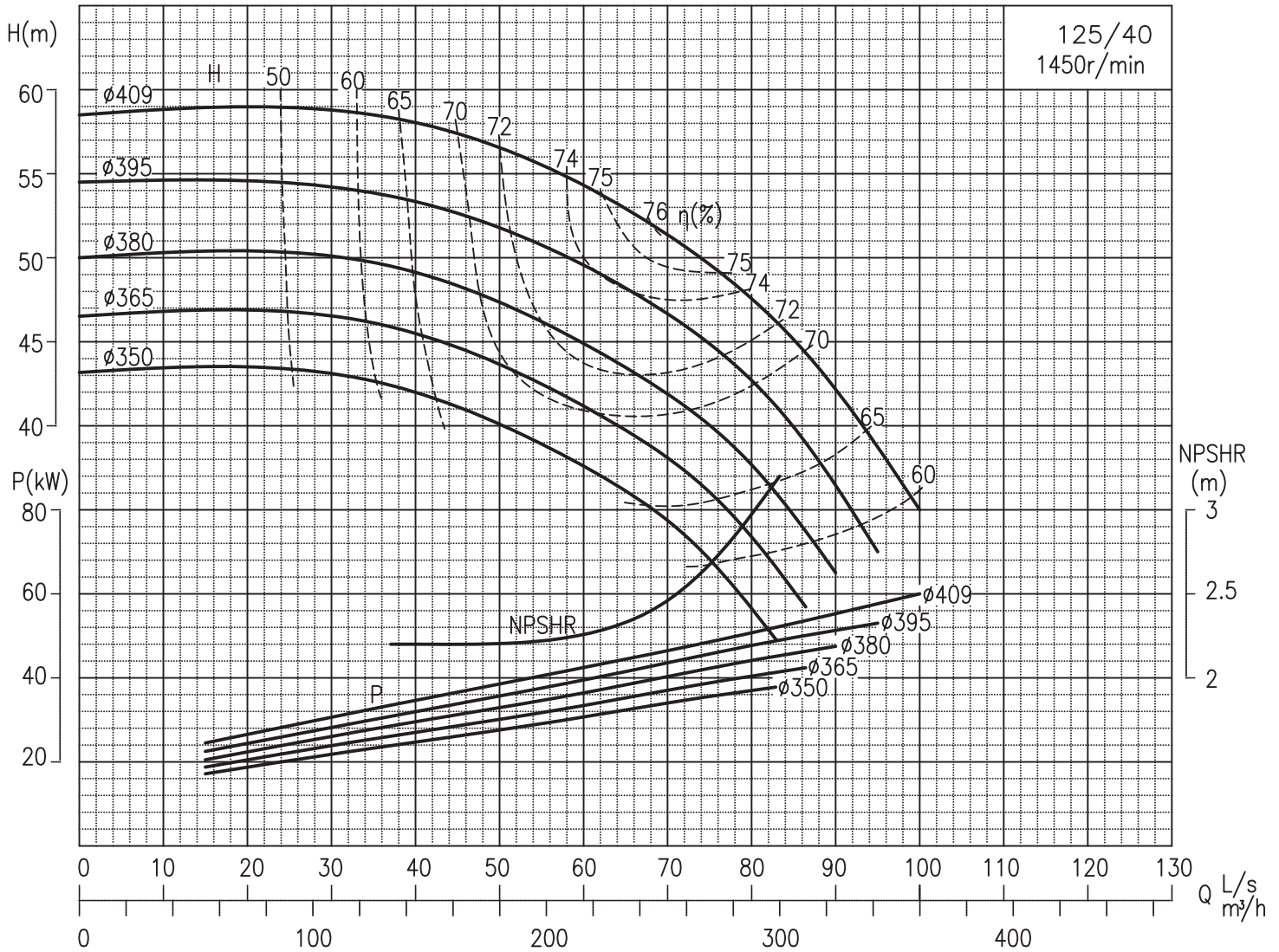




## Performance Curves

( Standard: ISO 9906 )

Grade 2B



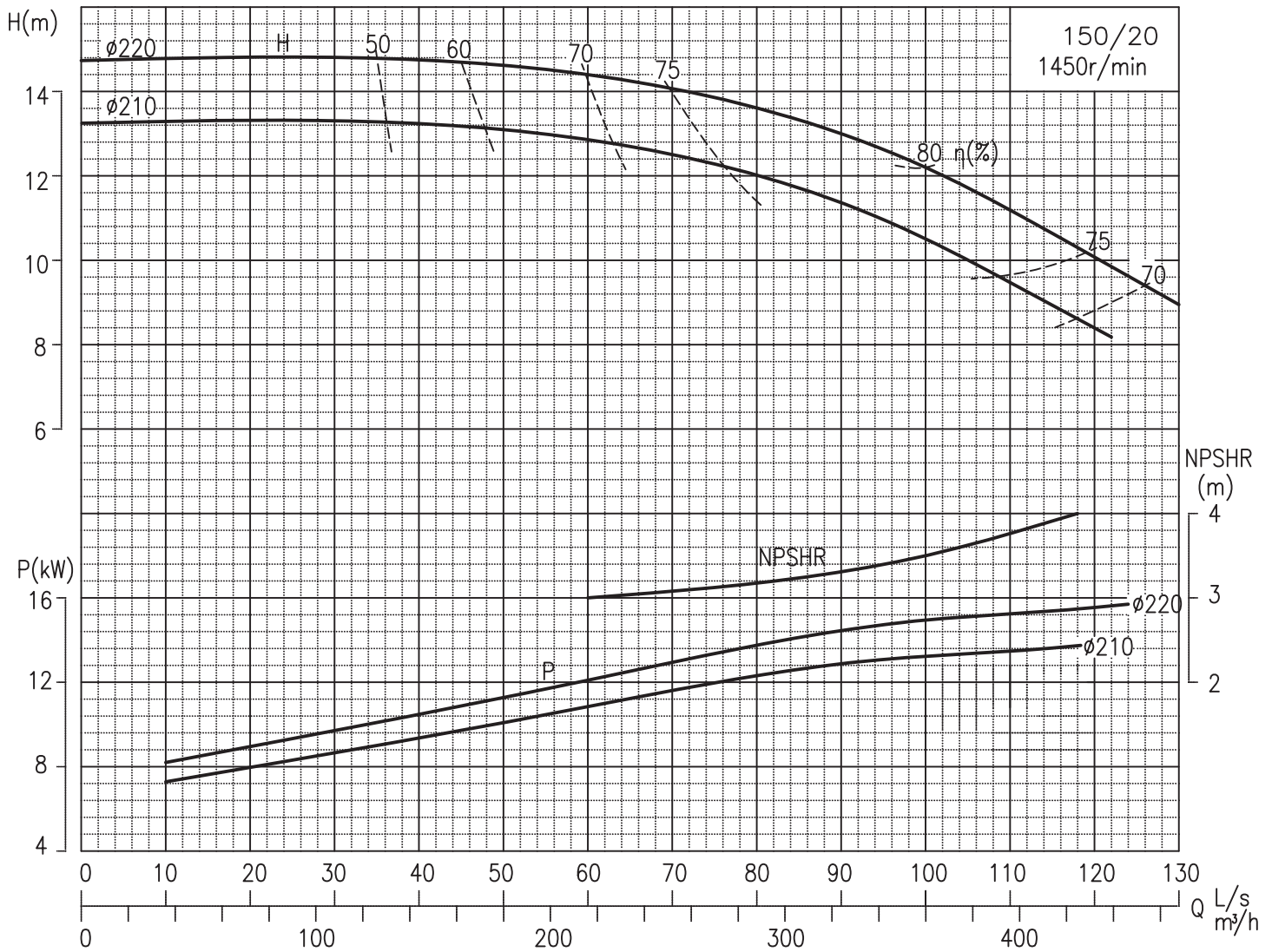
# PAL 150/20



## Performance Curves

( Standard: ISO 9906 )

Grade 2B



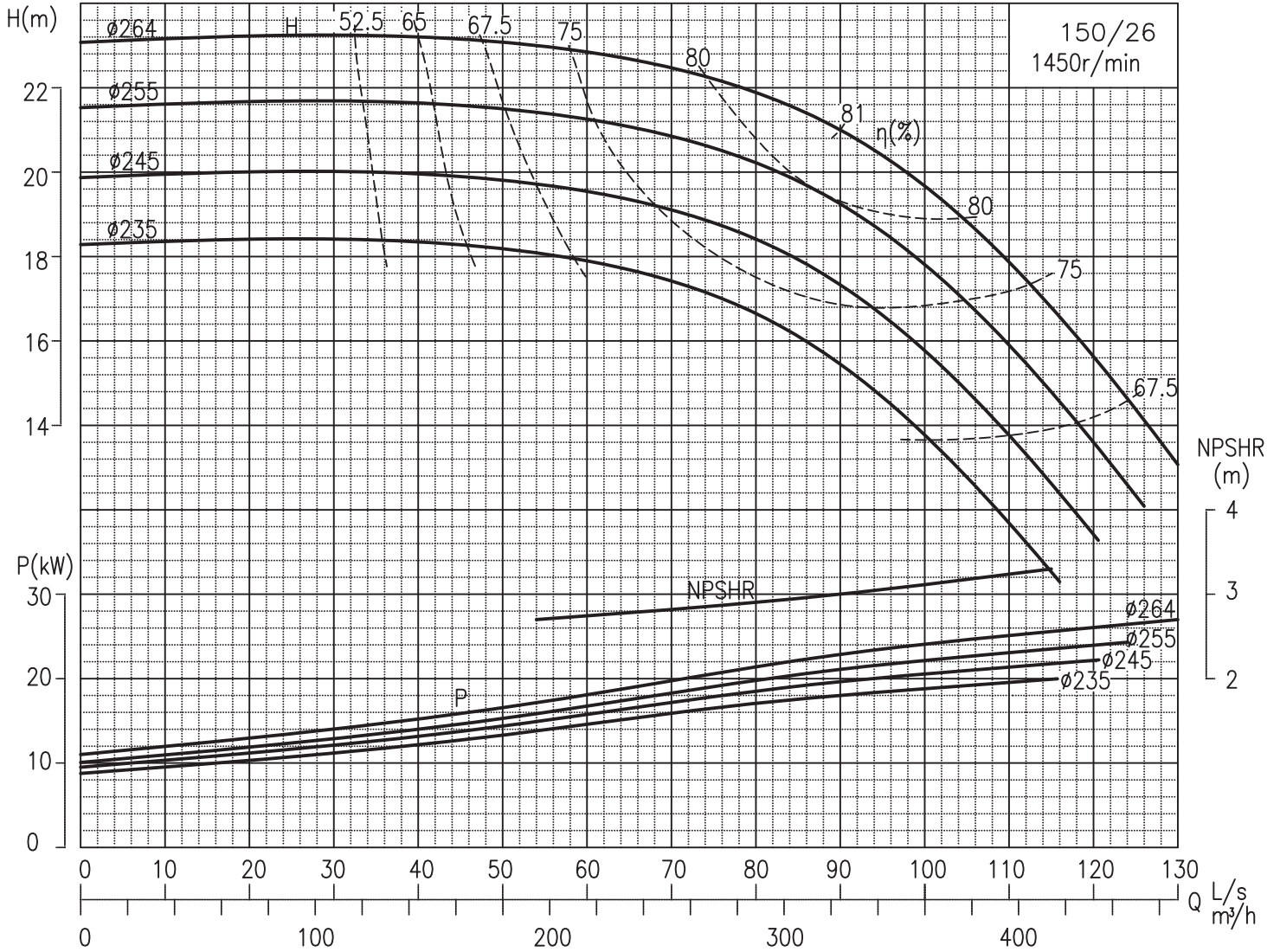
# PAL150/26



## Performance Curves

( Standard: ISO 9906 )

Grade 2B

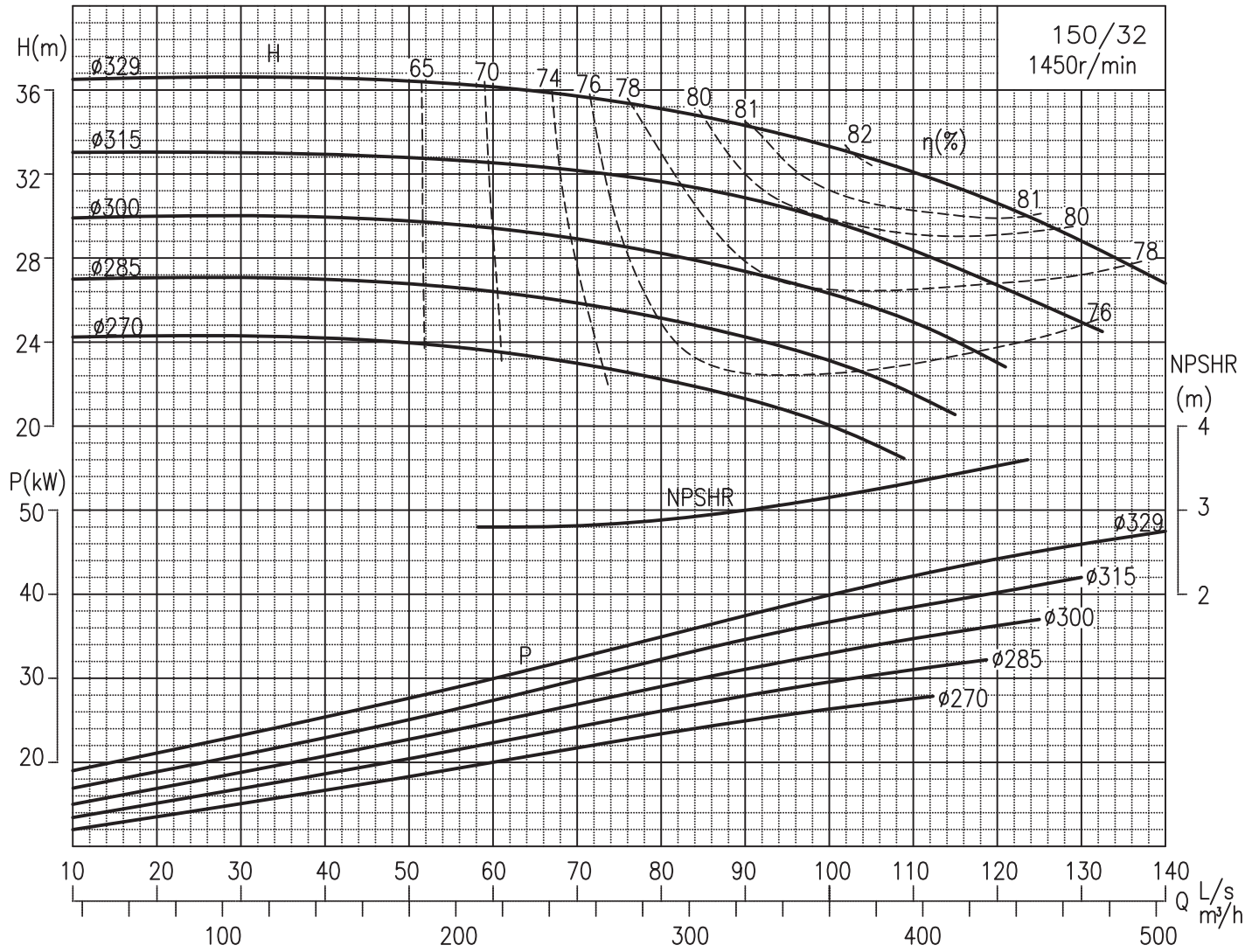


# PAL 150/32

## Performance Curves

( Standard: ISO 9906 )

Grade 2B

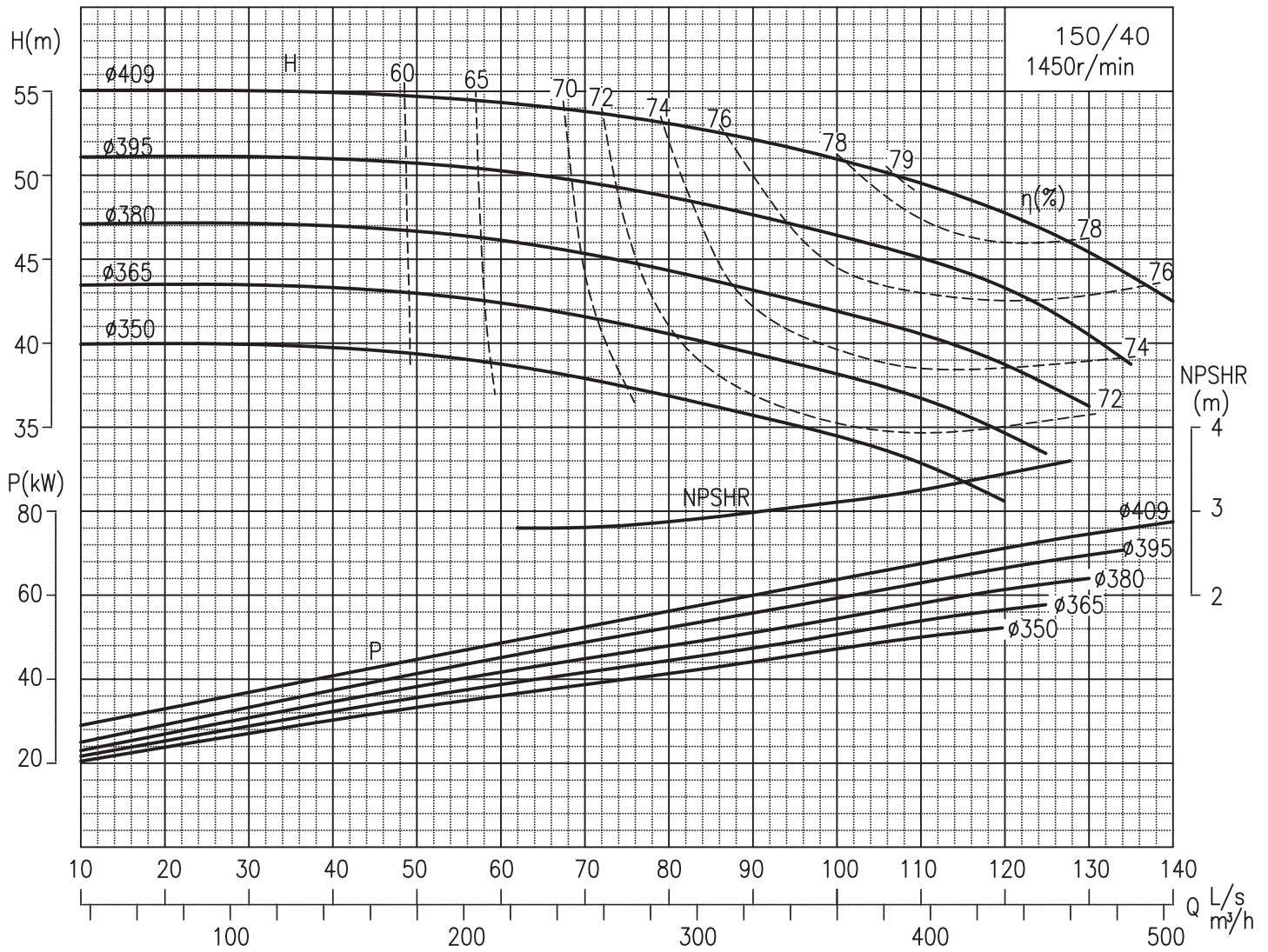


# PAL150/40

## Performance Curves

( Standard: ISO 9906 )

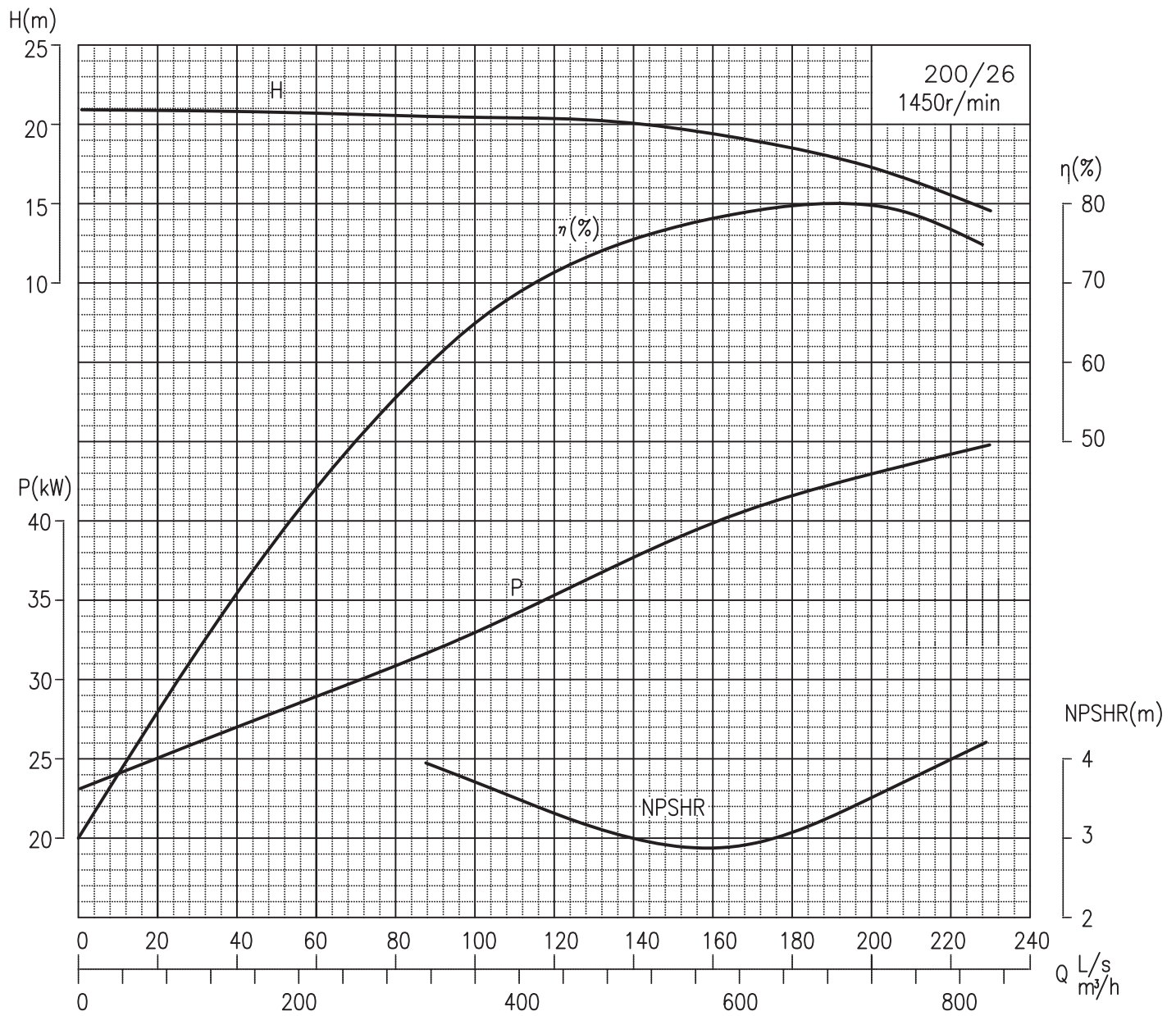
Grade 2B



## Performance Curves

( Standard: ISO 9906 )

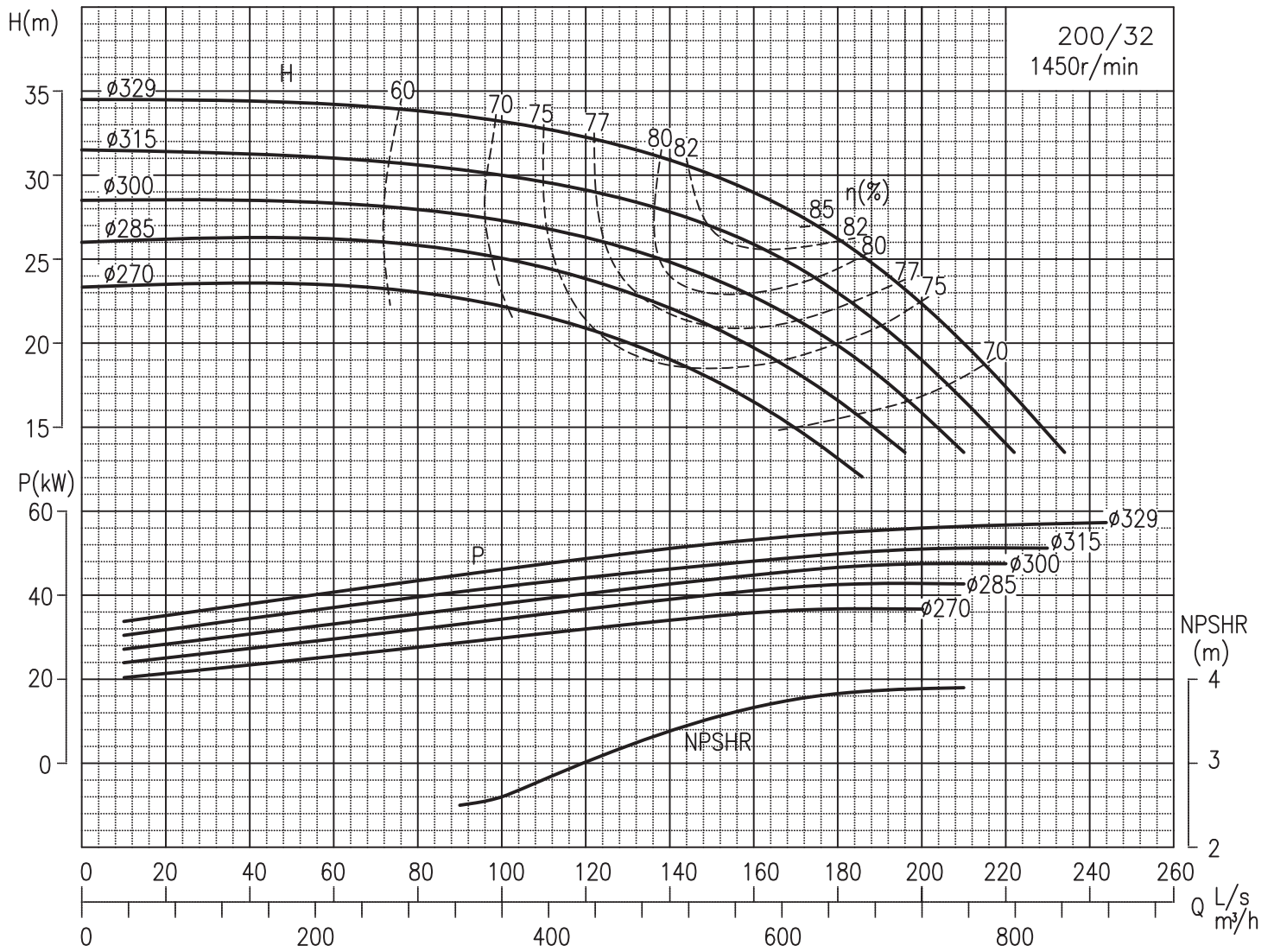
Grade 2B

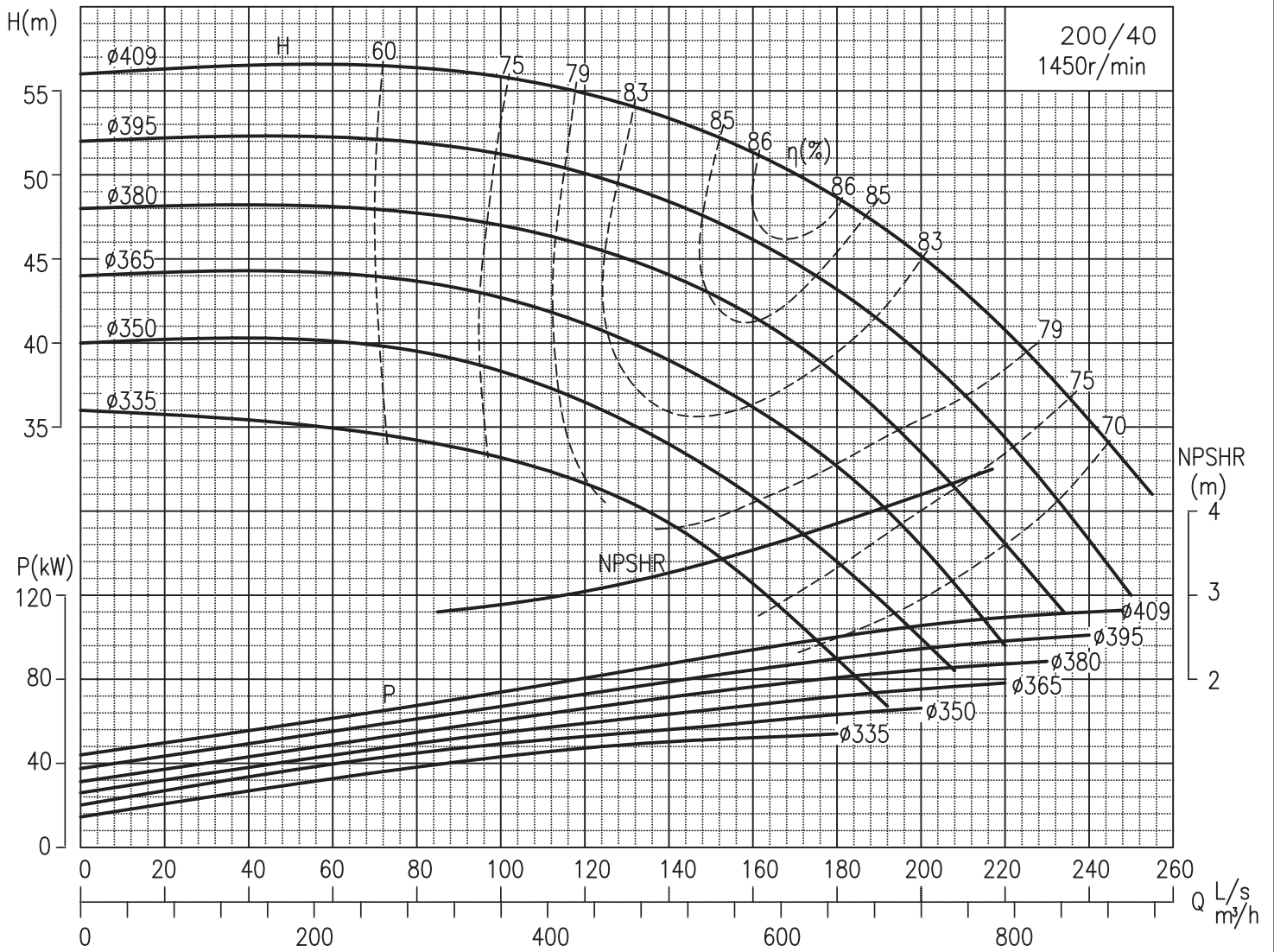


## Performance Curves

( Standard: ISO 9906 )

Grade 2B



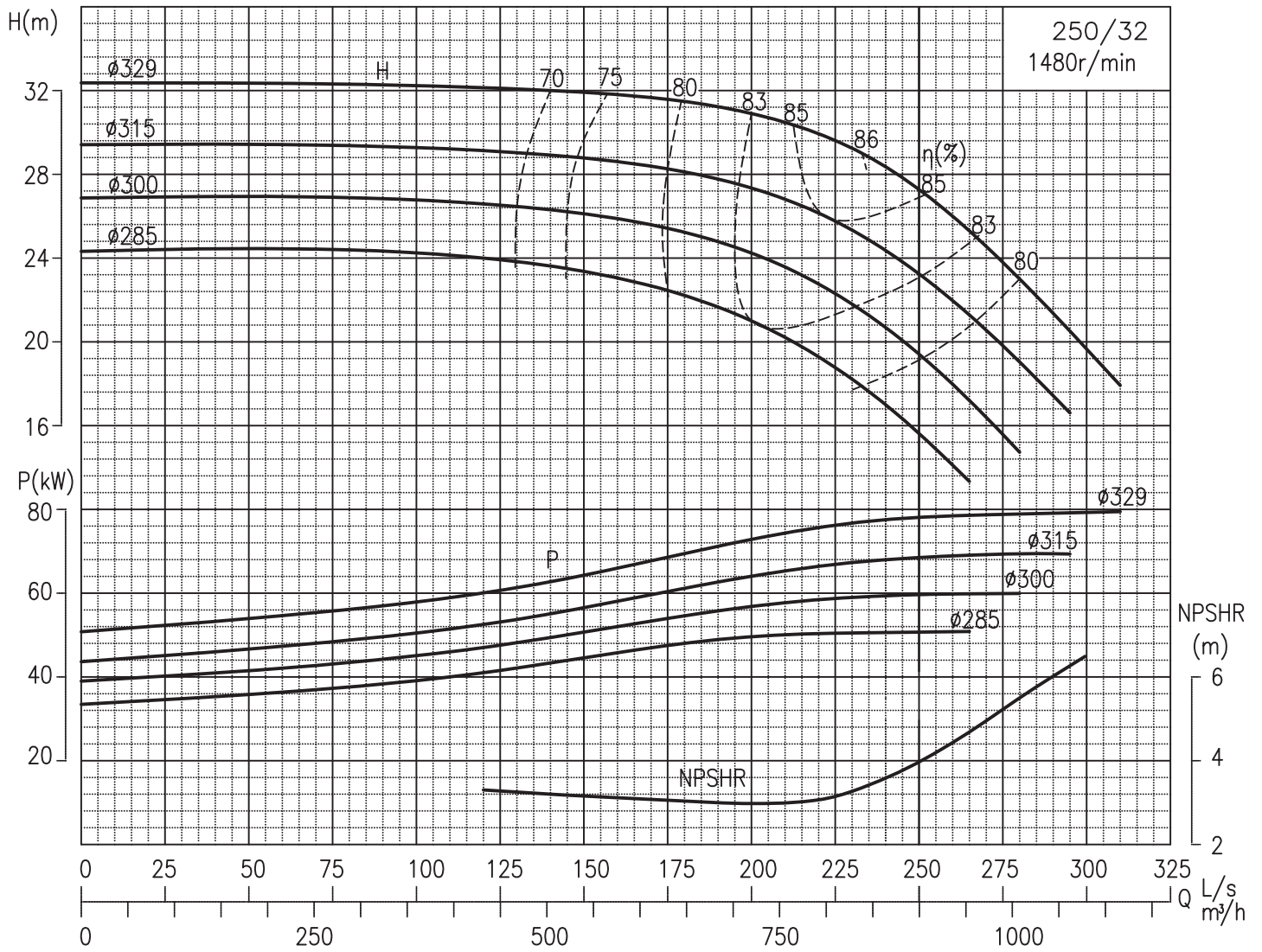




## Performance Curves

( Standard: ISO 9906 )

Grade 2B



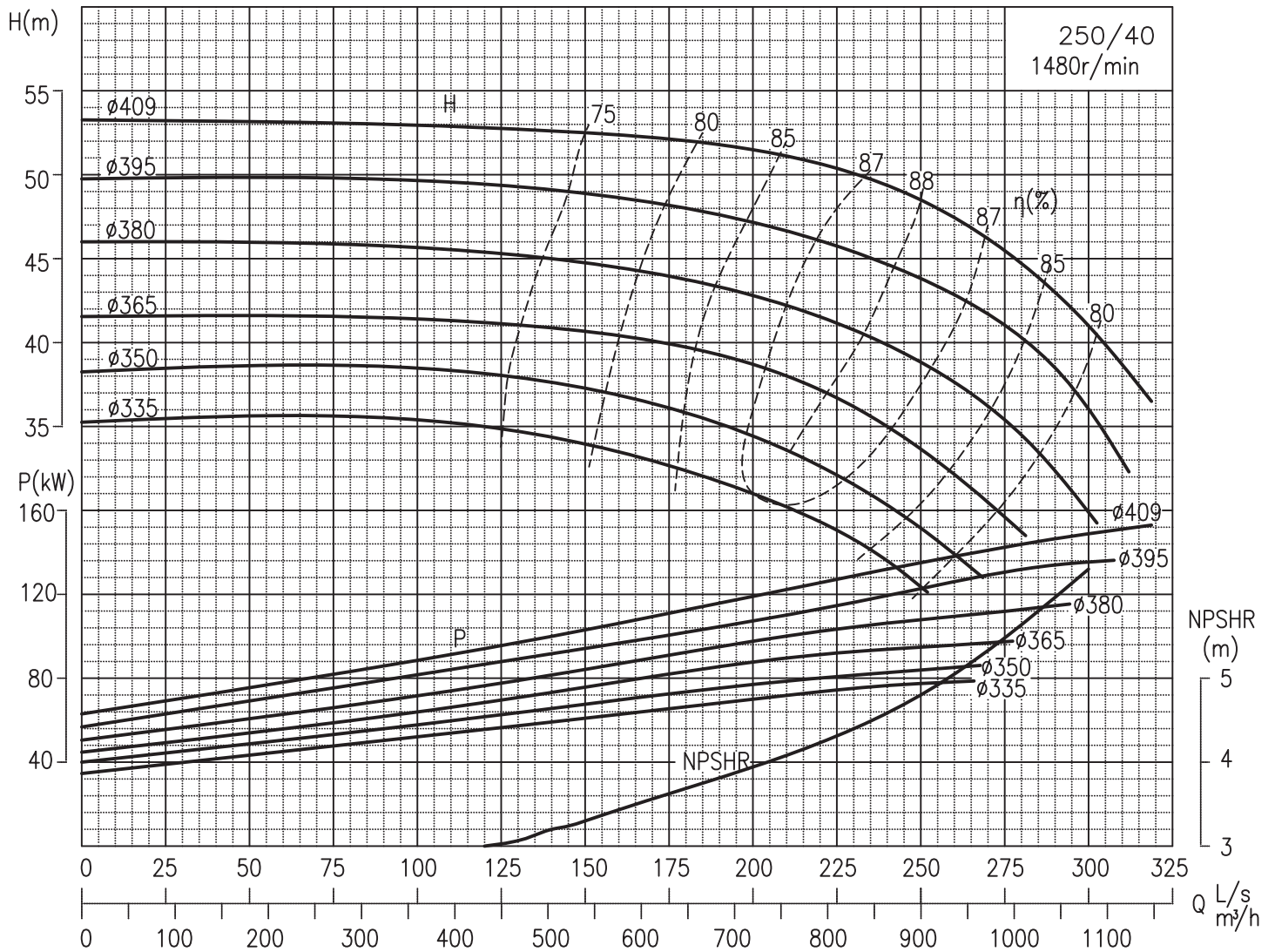
# PAL 250/40

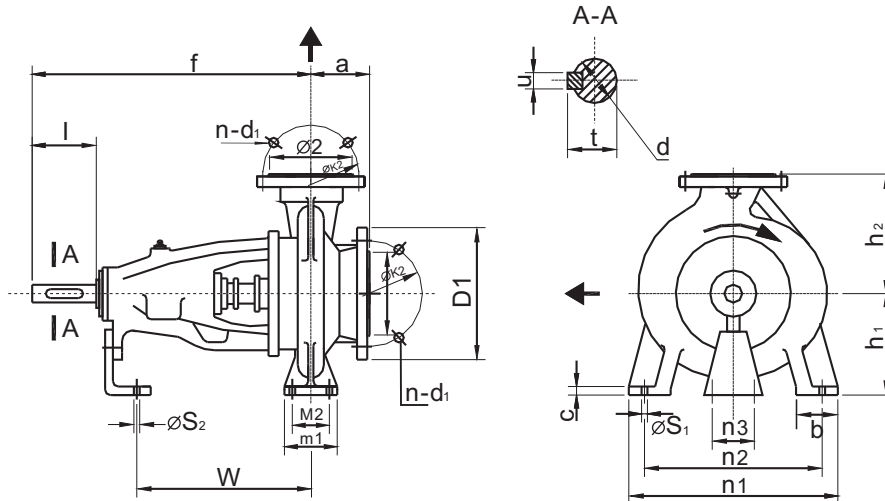


## Performance Curves

( Standard: ISO 9906 )

Grade 2B





## ■ Flange Connecting Dimensions

$\phi 1, \phi 2$	32	40	50	65	80	100	125	150	200	250	300	350
$\phi K_1, \phi K_2$	100	110	125	145	160	180	210	240	295	355	410	470
D1, D2	140	150	165	185	200	220	250	285	340	405	460	520
n-d1	4- $\phi 18$	4- $\phi 18$	4- $\phi 18$	4- $\phi 18$	8- $\phi 18$	8- $\phi 18$	8- $\phi 18$	8- $\phi 22$	12- $\phi 22$	12- $\phi 26$	12- $\phi 26$	16- $\phi 26$

## ■ Overall and Mounting Dimensions Table(mm):

Type	Shaft Diameter	Pump Dimensions						Pump Foot Dimensions									Shaft End				
		$\phi 1$	$\phi 2$	a	f	$h_1$	$h_2$	b	c	$m_1$	$m_2$	$n_1$	$n_2$	$n_3$	$\phi S_1$	$\phi S_2$	w	d	l	t	u
32-13	25	50	32	80	360	112	140	50	14	100	70	190	140	100	14	14	267	24	50	27	8
32-16	25	50	32	80	360	132	160	50	14	100	70	240	190	100	14	14	267	24	50	27	8
32-20	25	50	32	80	360	160	180	50	14	100	70	240	190	110	14	14	267	24	50	27	8
32-26	25	50	32	100	360	180	225	65	14	125	95	320	250	110	14	14	267	24	50	27	8
40-13	25	65	40	80	360	112	140	50	14	100	70	210	160	100	14	14	267	24	50	27	8
40-16	25	65	40	80	360	132	160	50	14	100	70	240	190	100	14	14	267	24	50	27	8
40-20	25	65	40	100	360	160	180	50	14	100	70	265	212	110	14	14	267	24	50	27	8
40-26	25	65	40	100	360	180	225	65	14	125	95	320	250	110	14	14	267	24	50	27	8
40-26G	35A	65	40	100	454	180	225	65	14	125	95	320	250	110	14	14	327	32	80	35	10
40-32	35	65	40	125	470	200	225	65	14	125	95	345	280	110	14	14	342	32	80	35	10
40-32G	45A	65	40	125	519	200	225	65	14	125	95	345	280	110	14	14	362	42	110	45	12
50-13	25	65	50	100	360	132	160	50	14	100	70	240	190	100	14	14	267	24	50	27	8
50-16	25	65	50	100	360	160	180	50	14	100	70	265	212	110	14	14	267	24	50	27	8
50-20	25	65	50	100	360	160	200	50	14	100	70	265	212	110	14	14	267	24	50	27	8
50-20G	35A	65	50	100	455	160	200	50	14	100	70	265	212	110	14	14	327	32	80	35	10
50-26	25	65	50	100	360	180	225	65	14	125	95	320	250	110	14	14	267	24	50	27	8
50-26G	35A	65	50	100	454	180	225	65	14	125	95	320	250	110	14	14	327	32	80	35	10
50-32	35	65	50	125	470	225	280	65	16	125	95	345	280	110	14	14	342	32	80	35	10
50-32G	45A	65	50	125	523.5	225	280	65	14	125	95	345	280	110	14	14	364	42	110	45	12

■ **Overall and Mounting Dimensions Table(mm):**

Type	Shaft Diameter	Pump Dimensions						Pump Foot Dimensions										Shaft End			
		$\phi 1$	$\phi 2$	a	f	$h_1$	$h_2$	b	c	$m_1$	$m_2$	$n_1$	$n_2$	$n_3$	$\phi S_1$	$\phi S_2$	w	d	l	t	u
65-13	25	80	65	100	360	160	180	65	14	125	95	280	212	110	14	14	267	24	50	27	8
65-16	25	80	65	100	360	160	200	65	14	125	95	280	212	110	14	14	267	24	50	27	8
65-20	25	80	65	100	360	180	225	65	14	125	95	320	250	110	14	14	267	24	50	27	8
65-20G	35A	80	65	100	454	180	225	65	14	125	95	320	250	110	14	14	328	32	80	35	10
65-32	35	80	65	125	470	225	280	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
65-32G	45A	80	65	125	520	225	280	80	16	160	120	400	315	110	17.5	14	363	42	110	45	12
80-16	25	100	80	125	360	180	225	65	14	125	95	320	250	110	14	14	267	24	50	27	8
80-16G	35A	100	80	125	454	180	225	65	14	125	95	320	250	110	14	14	326	32	80	35	10
80-20	35	100	80	125	470	180	250	65	14	125	95	345	280	110	14	14	342	32	80	35	10
80-26	35	100	80	125	470	200	280	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
80-32	35	100	80	125	470	250	315	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
80-32G	45A	100	80	125	521	250	315	80	16	160	120	400	315	110	17.5	14	363	42	110	45	12
80-40	45	100	80	125	532	280	355	85	16	160	120	440	340	110	17.5	14	368	42	110	45	12
100-16	35	125	100	125	470	200	250	80	16	160	120	360	280	110	17.5	14	342	32	80	35	10
100-20	35	125	100	125	470	200	280	80	16	160	120	360	280	110	17.5	14	342	32	80	35	10
100-26	35	125	100	140	470	225	280	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
100-26G	45A	125	100	140	520	225	280	80	16	160	120	400	315	110	18	14	363	42	110	45	12
100-32	35	125	100	140	470	250	315	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
100-40	45	125	100	140	530	280	355	100	18	200	150	500	400	110	23	14	370	42	110	45	12
125-20	35	150	125	140	470	250	315	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
125-26	35	150	125	140	470	250	355	80	16	160	120	400	315	110	17.5	14	342	32	80	35	10
125-32	45	150	125	140	530	280	355	100	18	200	150	500	400	110	23	14	370	42	110	45	12
125-40	45	150	125	140	530	315	400	100	18	200	150	500	400	110	23	14	370	42	110	45	12
150-20	35G	200	150	160	495	280	400	100	20	200	150	550	450	110	23	14	367	32	80	35	10
150-26	45	200	150	160	530	250	355	100	18	200	150	450	350	110	23	14	370	42	110	45	12
150-32	45	200	150	160	530	280	400	100	18	200	150	550	450	110	23	14	370	42	110	45	12
150-40	45	200	150	160	530	315	450	100	18	200	150	550	450	110	23	14	370	42	110	45	12
200-26	45D	250	200	180	553	315	450	100	20	200	150	550	450	110	28	14	393	42	110	45	12
200-32	55	250	200	180	670	315	480	120	20	220	170	600	480	110	28	14	504	48	110	51	14
200-40	55	250	200	180	670	335	480	120	20	220	170	600	480	110	28	14	504	48	110	51	14
250-32	55	300	250	220	691	355	520	150	22	250	200	660	510	110	28	14	525	48	110	51	14
250-40	55	300	250	220	682	400	560	150	22	250	200	660	510	110	28	14	516	48	110	51	14