

NB, NBE, NK, NKE

Single-stage end-suction pumps according to EN 733
50 Hz



NB, 2-pole



Product range

GRUNDFOS 

50 Hz, 2-pole					NB pumps							NK pumps							Cast iron pump			Stainless steel pump			Shaft seal diameter [mm]				
Pump type	P2 [kW]	NBE/NKE		Oversize shaft	Mounting design ¹⁾	Material code			Options			Material code			Options			Flange rating ²⁾	Flange standard	Flange rating ²⁾	Flange standard								
		No sensor	With integrated sensor			A, B, C, D, S, T E, F, G, H K, M N, P I, J, L, R, U, W	Double seal arrangement Cartridge seal, single or double Pump housing with feet Pump with base frame	A, B, C, D, S, T E, F, G, H K, M N, P I, J, L, R, U, W	Stuffing box Double seal arrangement Cartridge seal, single or double Standard bearing bracket Heavy-duty bearing bracket	PN 10 PN 16 DIN, code F ANSI, code G JIS, code J	PN 10 PN 16 DIN, code F ANSI, code G JIS, code J																		
40-250	11	●	●	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	15	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	18.5	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	22	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	30	●	-	-	B	●	-	-	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
40-315	22	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
	30	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
	37	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
	45	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
50-125	3	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	4	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	5.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	7.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
50-160	5.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	7.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	11	●	●	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
50-200	15	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	11	●	●	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	15	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	18.5	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	22	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
50-250	15	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	18.5	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	22	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	30	●	-	-	B	●	-	●	-	●	-	-	●	-	-	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	37	●	-	-	B	●	-	-	-	●	-	-	-	-	-	●	-	F	F	●	-	-	-	-	-	-	-	24	28
50-315	30	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
	37	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
	45	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
	55	●	-	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	32	38
65-125	4	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	5.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	7.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	11	●	●	-	C	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
65-160	7.5	●	●	-	A	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	11	●	●	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	15	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	18.5	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
65-200	11	●	●	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	15	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	18.5	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	22	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	30	●	-	-	B	●	-	●	●	●	-	-	●	●	●	●	-	F	F	●	-	-	F	F	●	-	-	24	28
	37	●	-	-	B	●	-	-	-	●	-	-	-	-	-	●	-	F	F	●	-	-	-	-	-	-	-	24	28

50 Hz, 2-pole					NB pumps					NK pumps					Cast iron pump		Stainless steel pump		Shaft seal diameter [mm]				
Pump type	P2 [kW]	NBE/NKE		Oversize shaft	Mounting design ¹⁾	Material code			Options		Material code			Options		Flange rating ²⁾	Flange standard	Flange rating ²⁾			Flange standard		
		No sensor	With integrated sensor			A, B, C, D, S, T E, F, G, H K, M N, P I, J, L, R, U, W	Double seal arrangement Cartridge seal, single or double Pump housing with feet Pump with base frame	A, B, C, D, S, T E, F, G, H K, M N, P I, J, L, R, U, W	Stuffing box Double seal arrangement Cartridge seal, single or double Standard bearing bracket Heavy-duty bearing bracket	PN 10 PN 16 DIN, code F ANSI, code G JIS, code J	PN 10 PN 16 DIN, code F ANSI, code G JIS, code J												
65-250	30	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	37	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	45	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	55	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	75	-	-	-	C	●	-	-	-	●	-	●	-	-	●	●	-	-	-	-	-	32	38
65-315	55	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	75	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	90	-	-	-	C	●	-	-	●	●	-	●	-	-	●	●	F	F	●	-	-	32	38
	110	-	-	-	C	●	-	-	-	●	-	-	-	●	●	●	F	F	●	-	-	32	38
80-160	11	●	●	-	B	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
	15	●	-	-	B	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
	18.5	●	-	-	B	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
	22	●	-	-	B	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
	30	●	-	-	B	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
80-200	22	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	30	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	37	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	45	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	55	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
80-250	45	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	55	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	75	-	-	-	C	●	-	●	-	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	90	-	-	-	C	●	-	-	-	●	-	-	-	●	●	●	F	F	●	-	-	32	38
80-315	90	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	110	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	132	-	-	-	C	●	-	●	-	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	160	-	-	●	C	●	-	●	-	●	-	●	-	●	●	●	F	F	●	-	-	42	48
100-160	18.5	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
	22	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
	30	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	24	28
100-200	30	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	37	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	45	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	55	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	75	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
100-250	55	●	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	75	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	90	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	110	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	132	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
100-315	110	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	132	-	-	-	C	●	-	●	●	●	-	●	-	●	●	●	F	F	●	-	-	32	38
	160	-	-	●	C	●	-	●	-	●	-	●	-	●	●	●	F	F	●	-	-	42	48
	200	-	-	●	C	●	-	-	-	●	-	-	-	●	●	●	F	F	●	-	-	42	48

50 Hz, 2-pole				NB pumps						NK pumps						Cast iron pump		Stainless steel pump		Shaft seal diameter [mm]				
Pump type	P2 [kW]	NBE/NKE		Oversize shaft	Mounting design ¹⁾	Material code			Options			Material code			Options			Flange rating ²⁾	Flange standard			Flange rating ²⁾	Flange standard	
		No sensor	With integrated sensor			A, B, C, D, S, T E, F, G, H	K, M	N, P	I, J, L, R, U, W	Double seal arrangement Cartridge seal, single or double Pump housing with feet Pump with base frame	A, B, C, D, S, T E, F, G, H	K, M	N, P	I, J, L, R, U, W	Stuffing box Double seal arrangement Cartridge seal, single or double Standard bearing bracket Heavy-duty bearing bracket									
125-200	45	●	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	32	38
	55	●	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	32	38
	75	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	32	38
	90	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	32	38
	110	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	32	38
125-250	90	-	-	●	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	42	48
	110	-	-	●	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	42	48
	132	-	-	●	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	42	48
	160	-	-	●	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	42	48
	200	-	-	●	C	●	-	-	-	●	-	-	-	●	●	●	●	●	●	●	●	-	42	48
125-315	132	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	42	48
	160	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	42	48
	200	-	-	-	C	●	-	-	-	●	-	-	-	●	●	●	●	●	●	●	●	-	42	48
	250	-	-	-	-	-	-	-	-	●	●	-	-	●	●	●	●	●	●	●	●	-	42	48
150-200	75	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	32	38
	90	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	32	38
	110	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	32	38
150-250	132	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	42	48
	160	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	42	48
	200	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	42	48
	250	-	-	-	-	-	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	-	42	48
	160	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	42	48
150-315.2	200	-	-	-	C	●	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	42	48

1) For information about mounting designs, see section Mounting design.

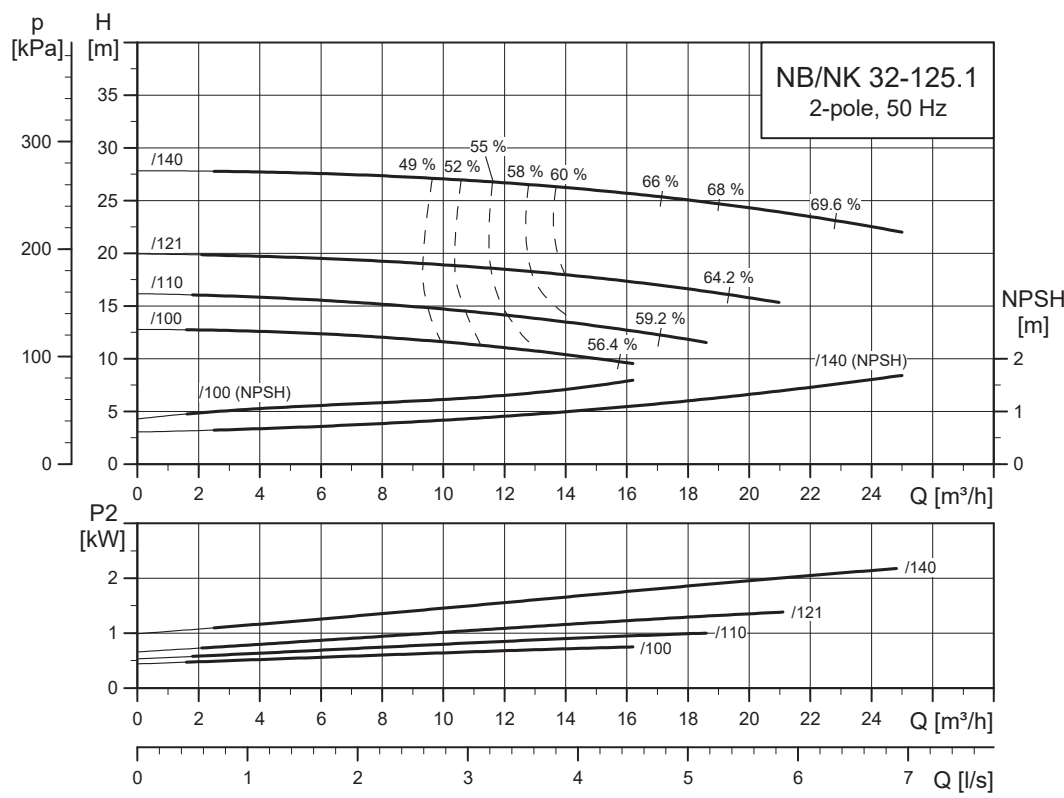
2) F: fixed flange; L: loose flange.

Related information

[Mounting design](#)

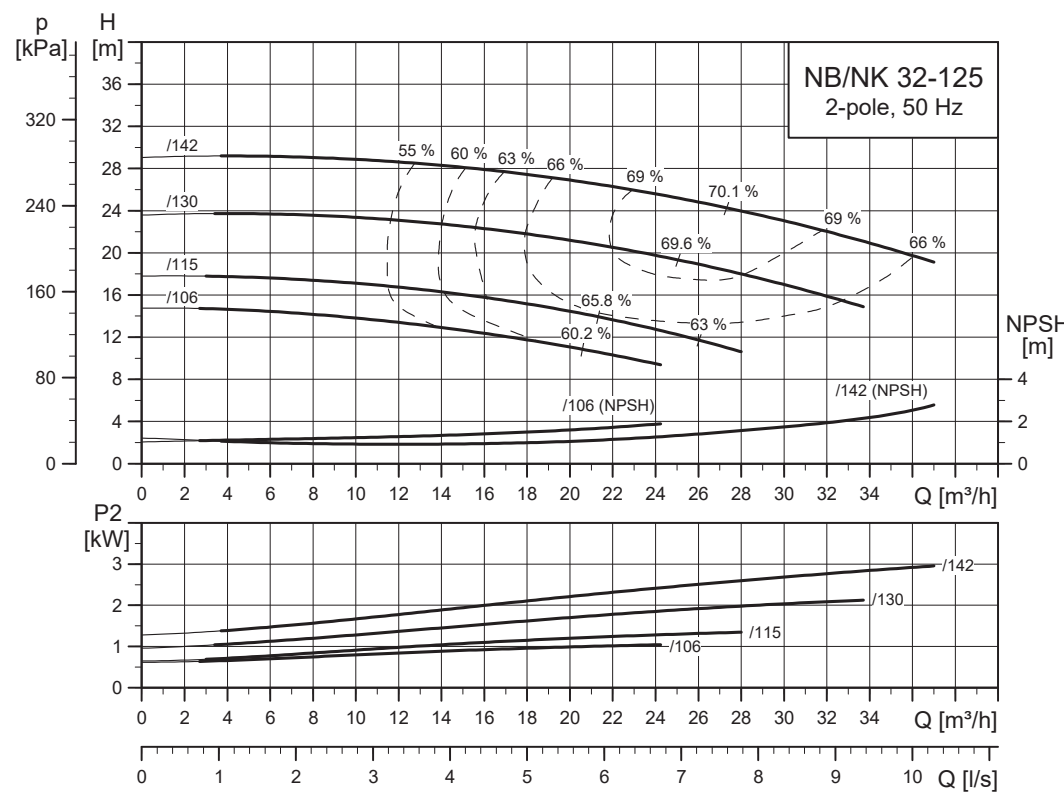
2-pole

NB, NK 32-125.1



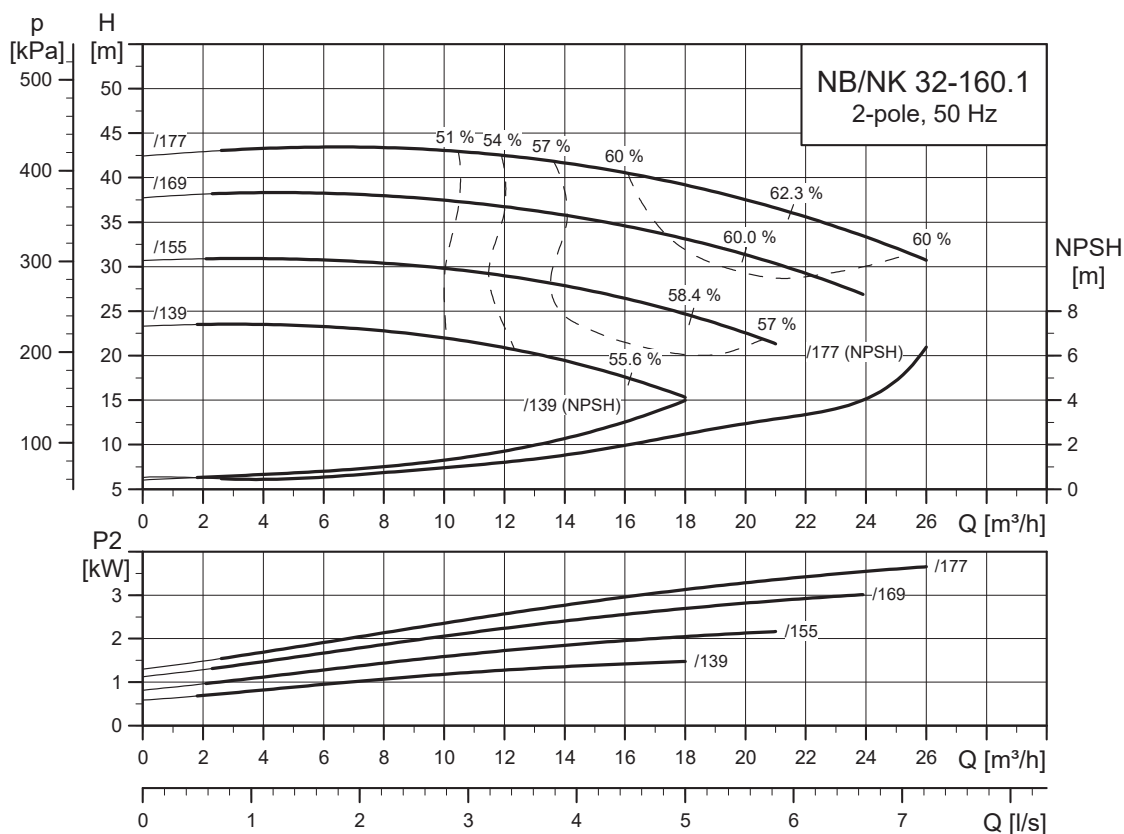
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NB, NK 32-125



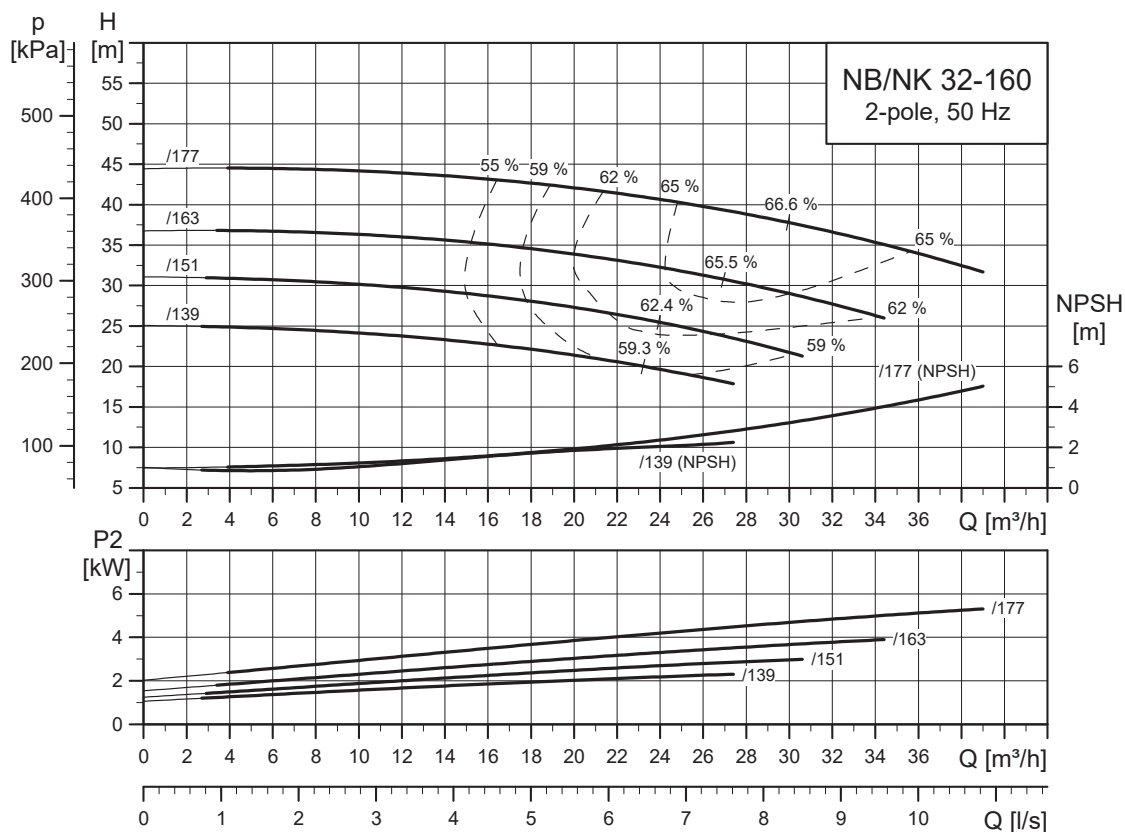
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NB, NK 32-160.1



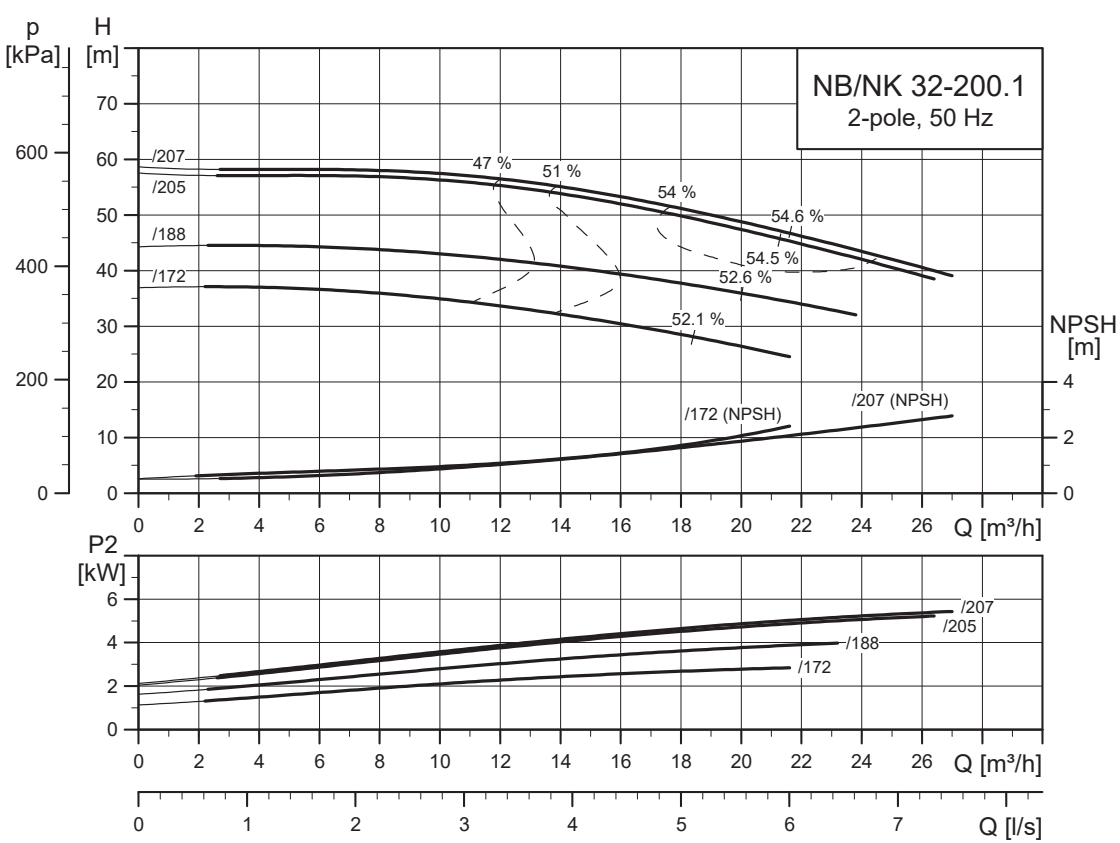
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NB, NK 32-160



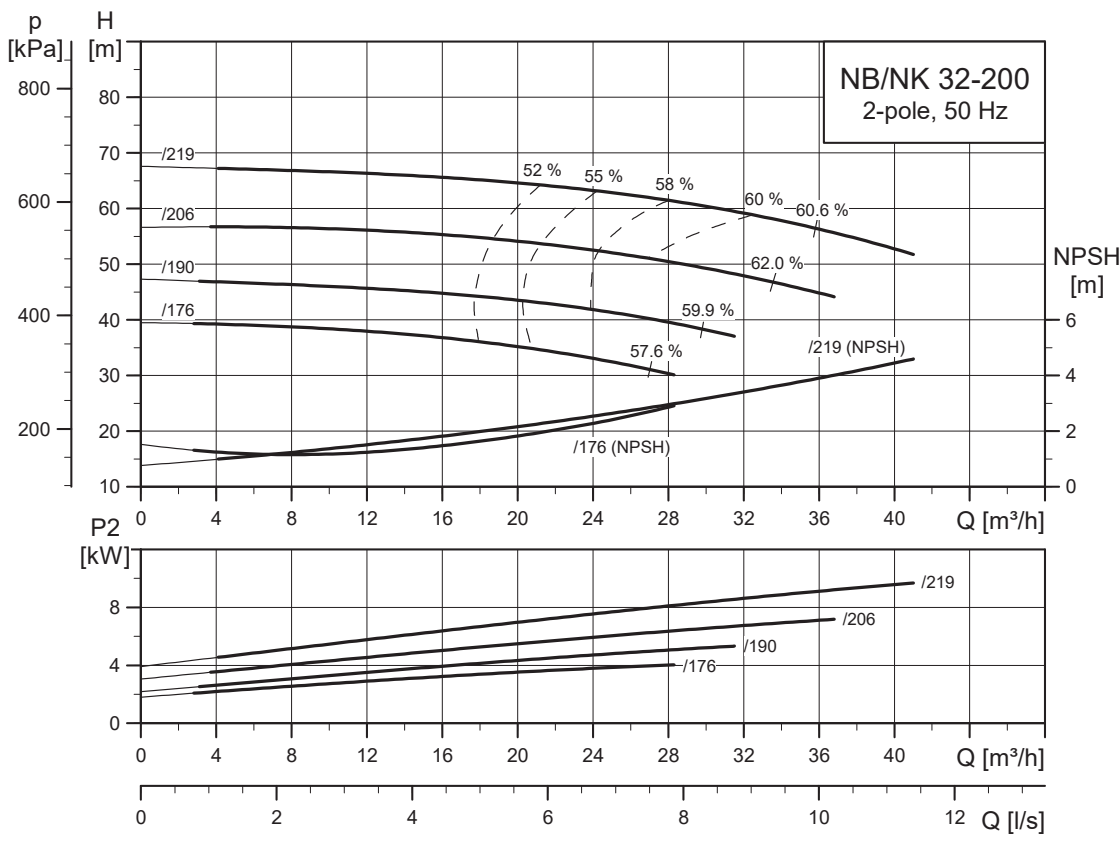
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NB, NK 32-200.1



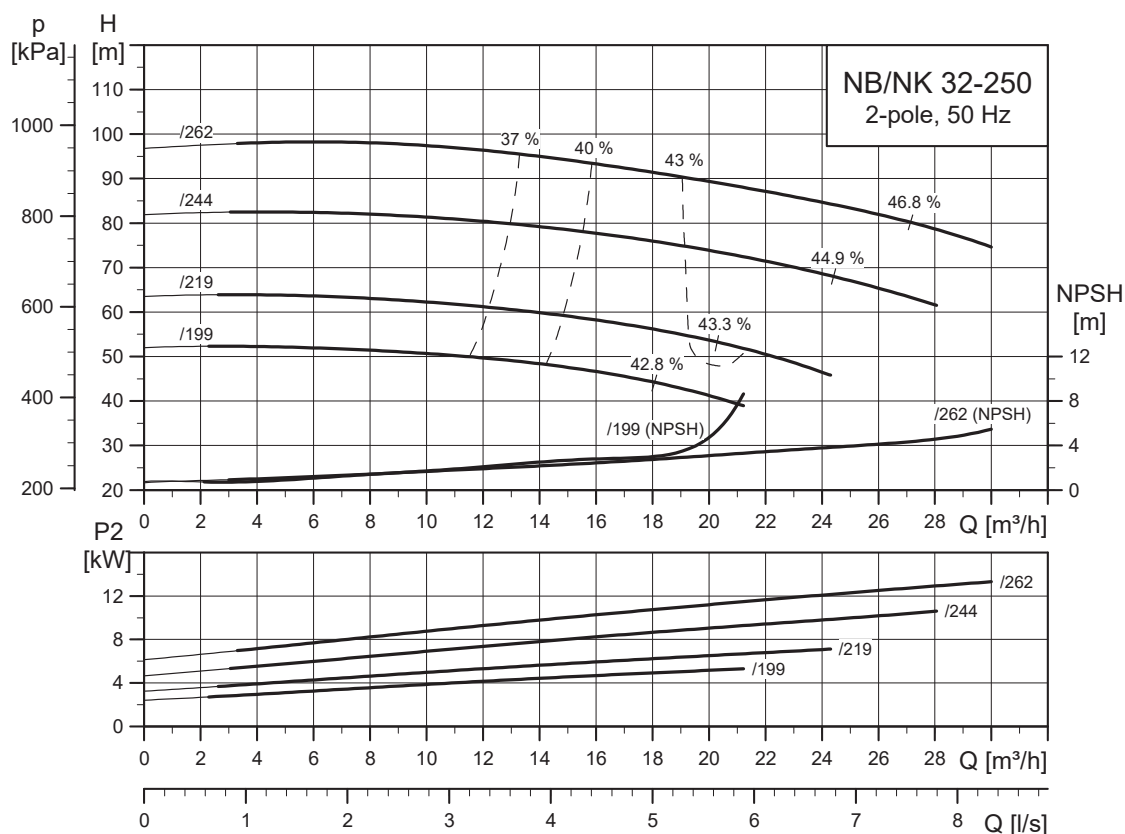
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NB, NK 32-200



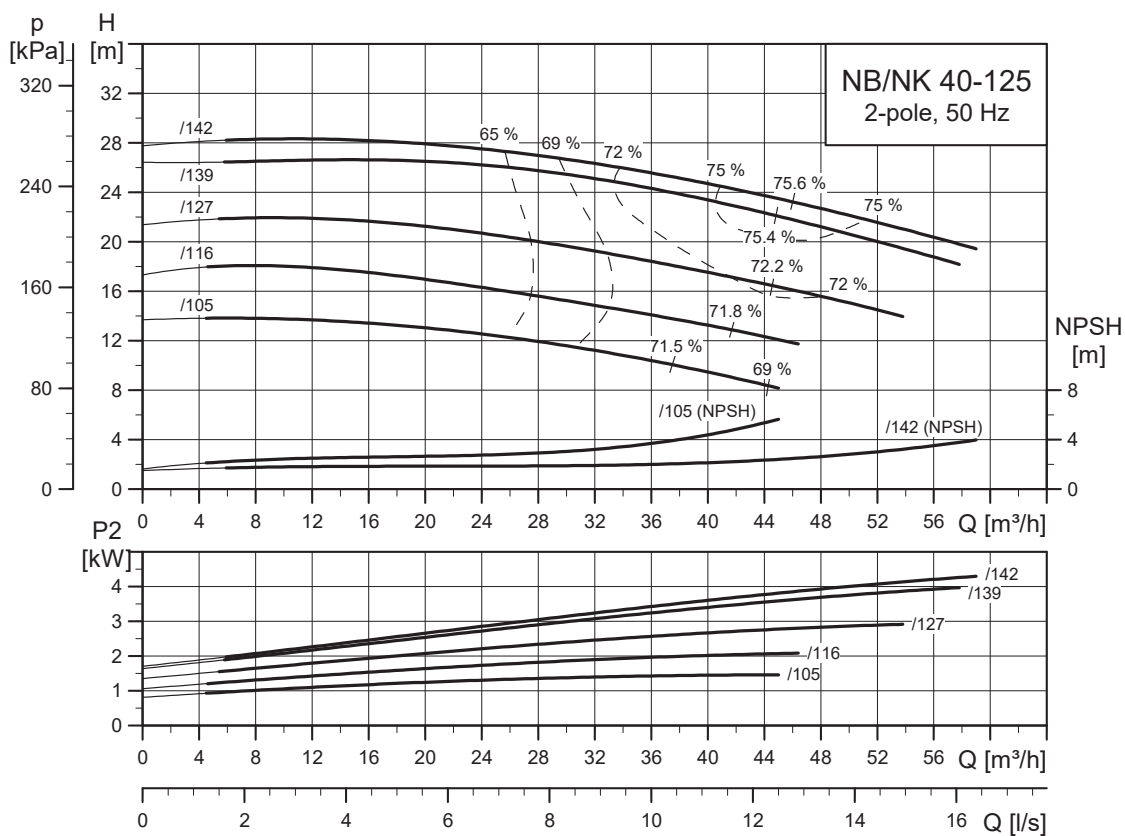
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NB, NK 32-250



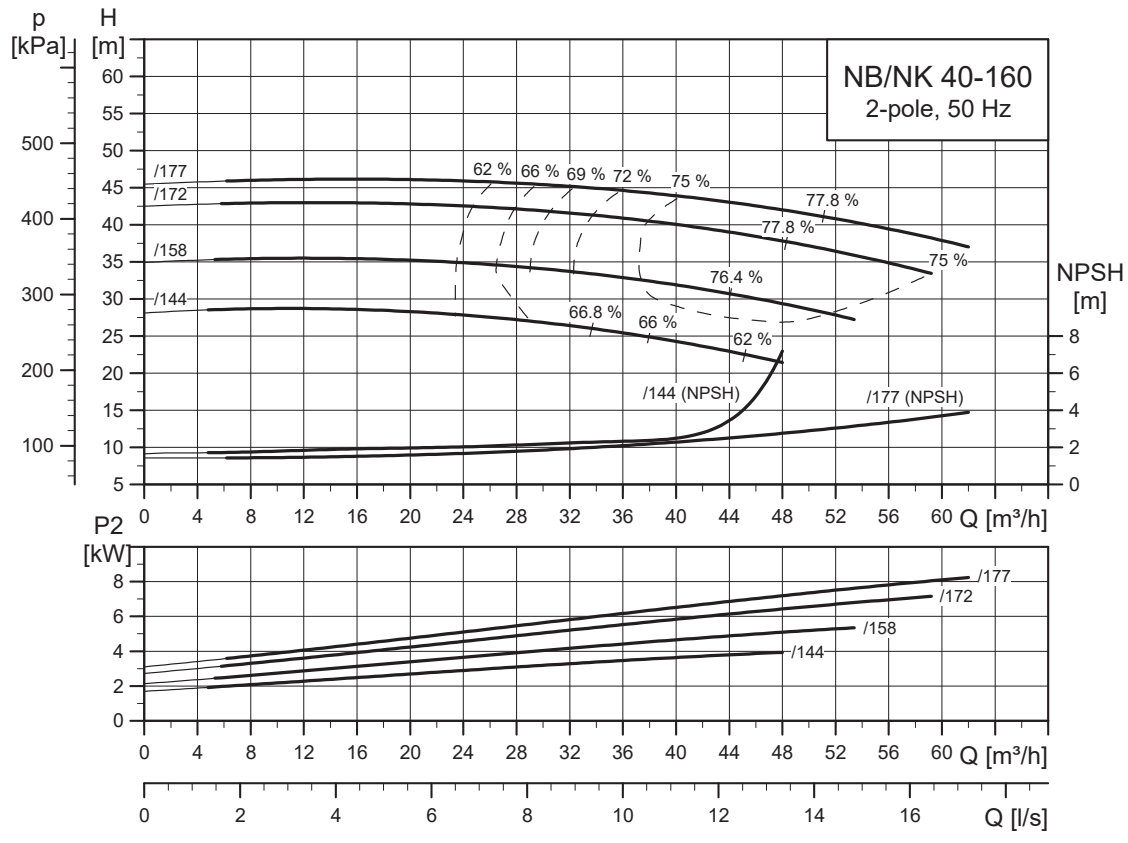
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NB, NK 40-125



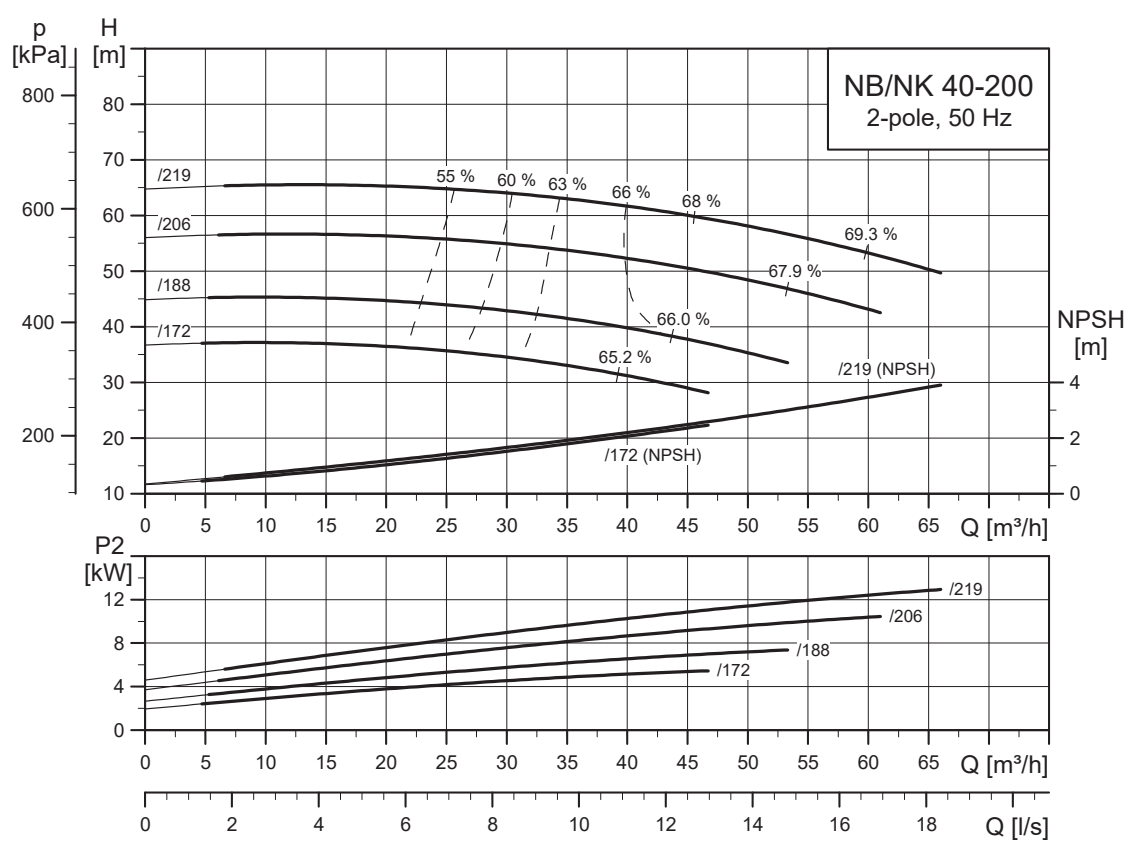
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NB, NK 40-160



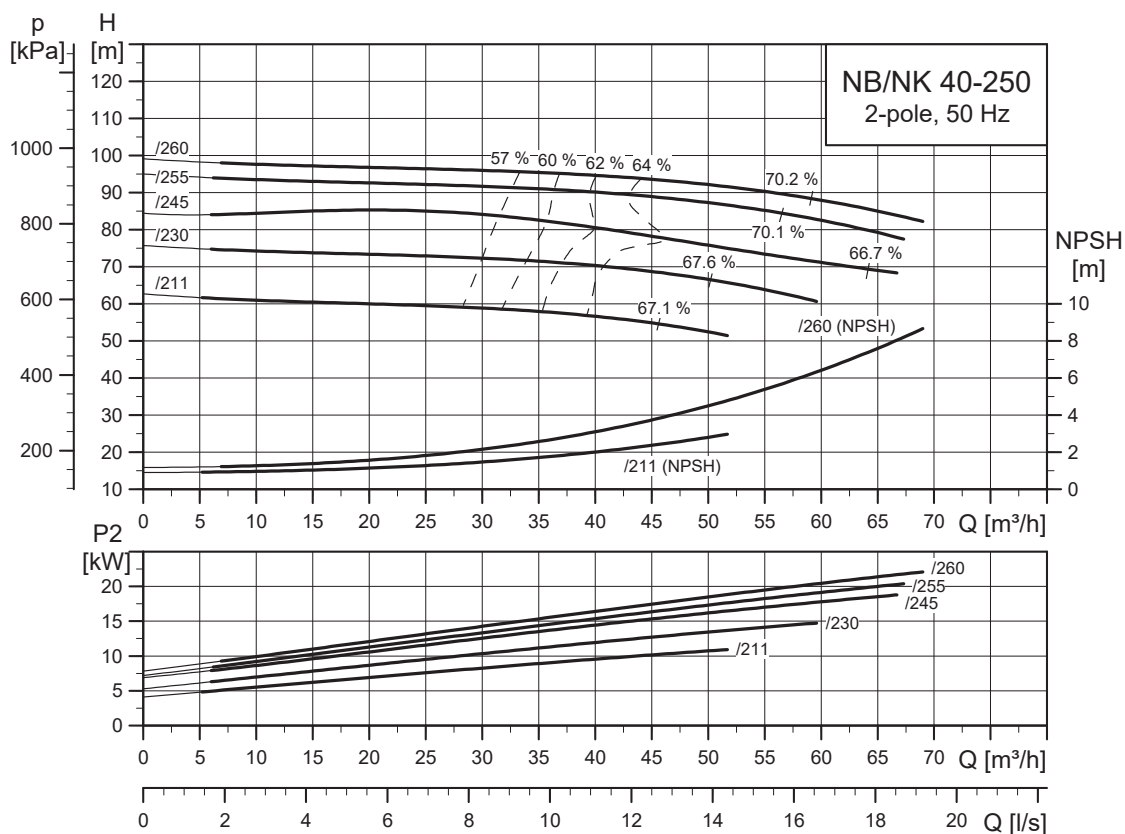
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NB, NK 40-200



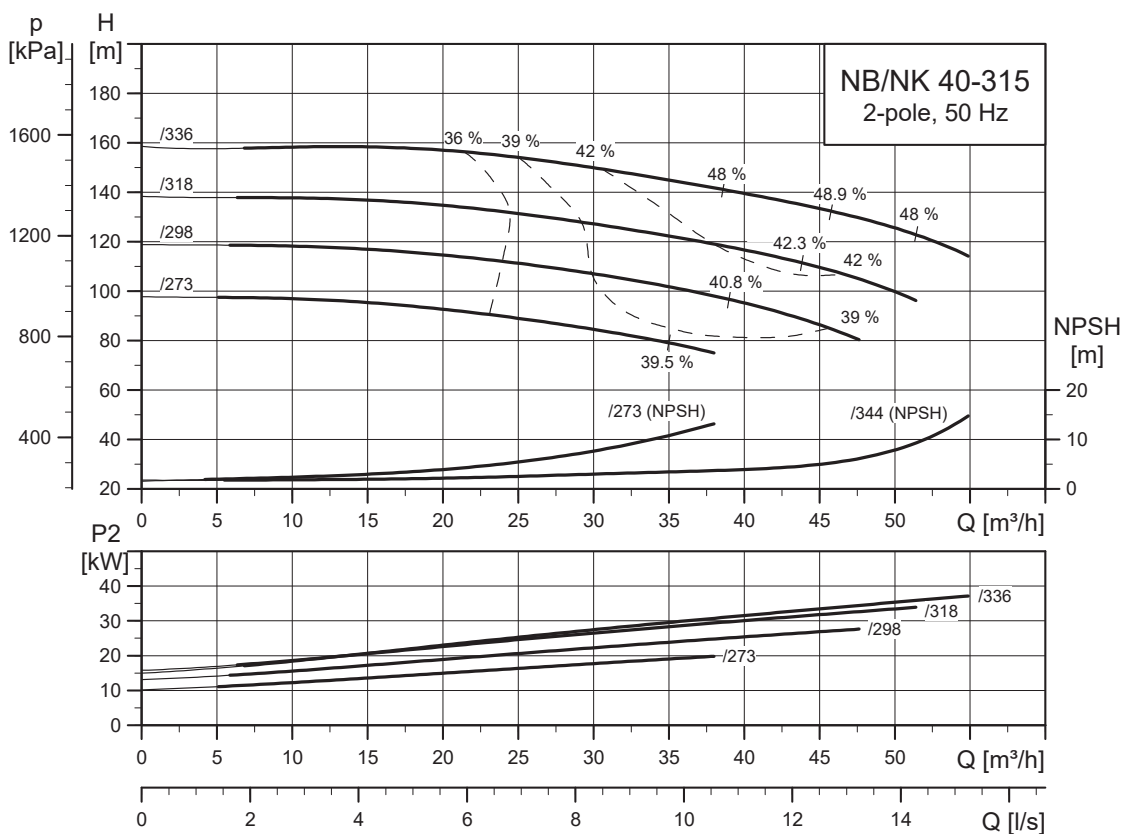
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NB, NK 40-250



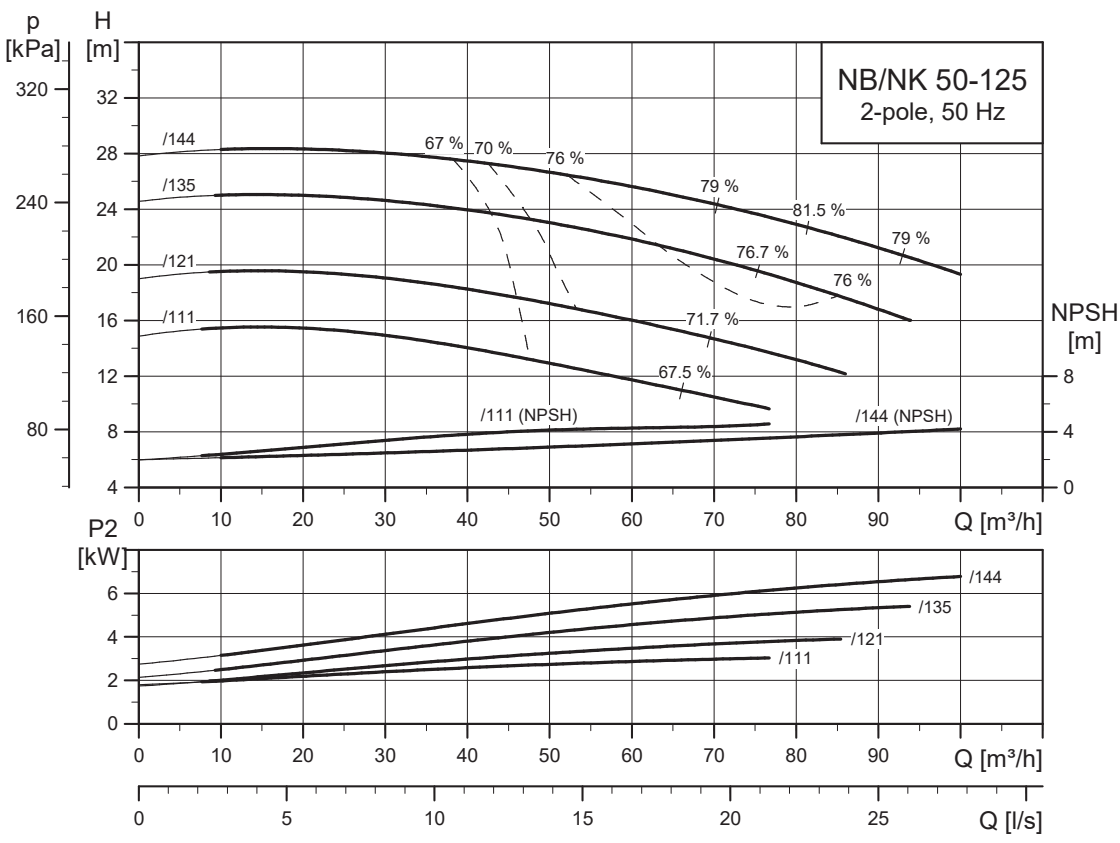
TM035091

NB, NK 40-315

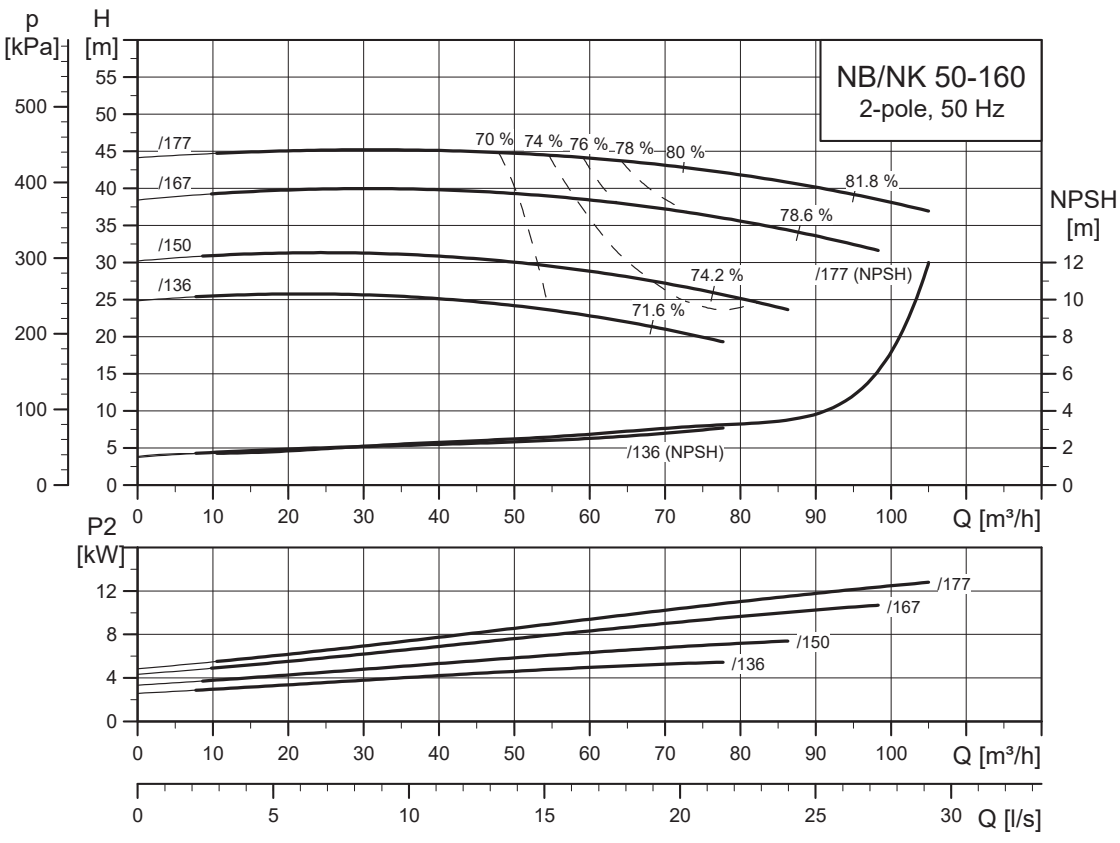


TM035092

NB, NK 50-125



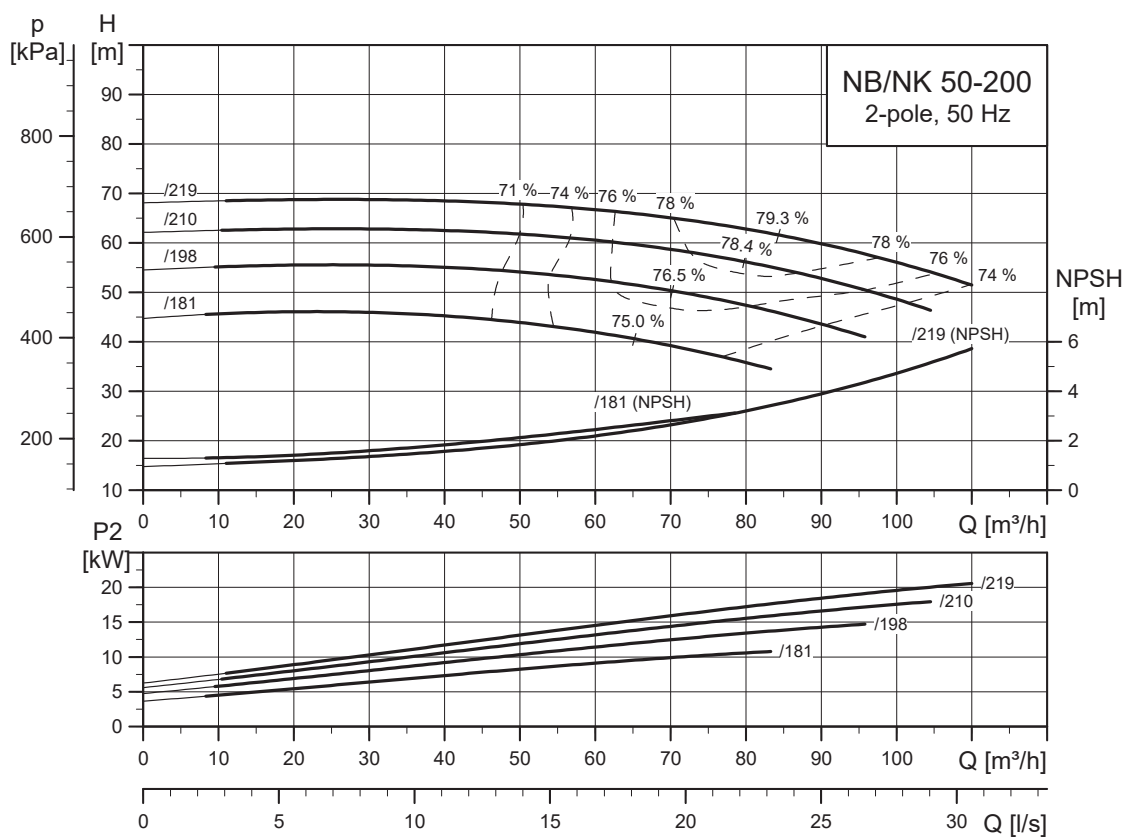
NB, NK 50-160



TM035093

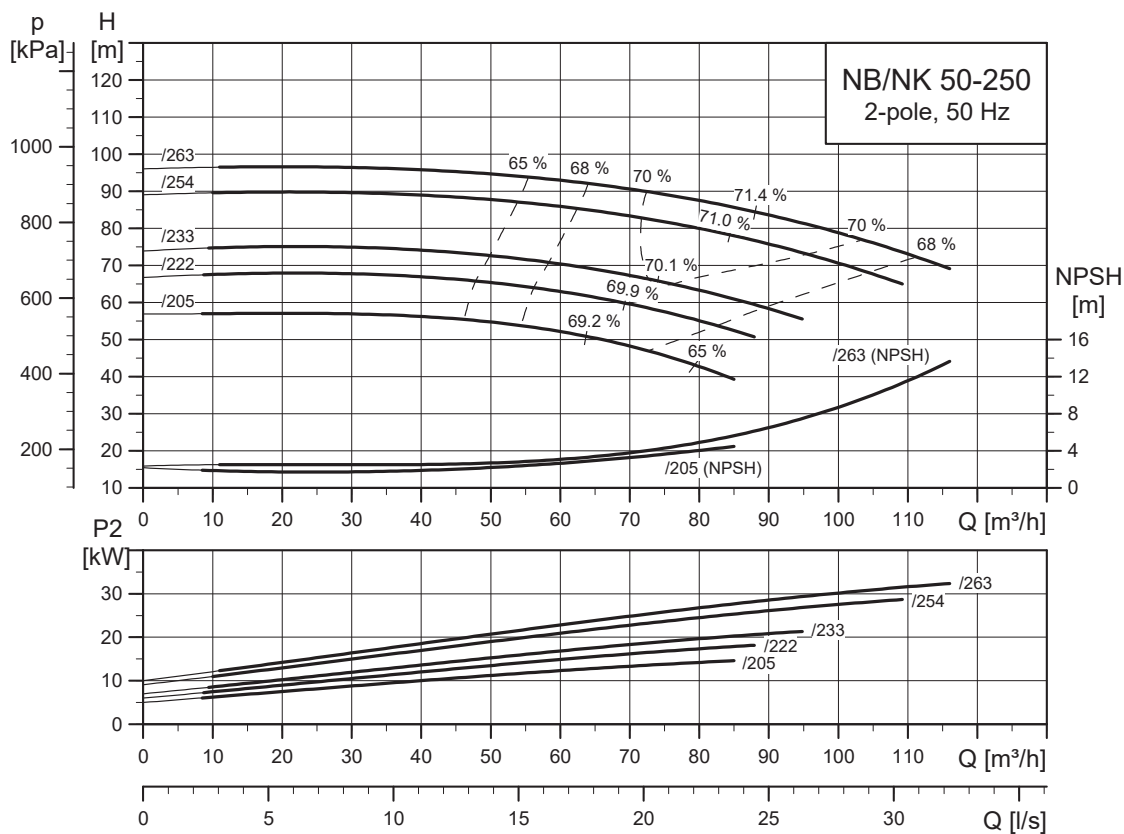
TM035094

NB, NK 50-200



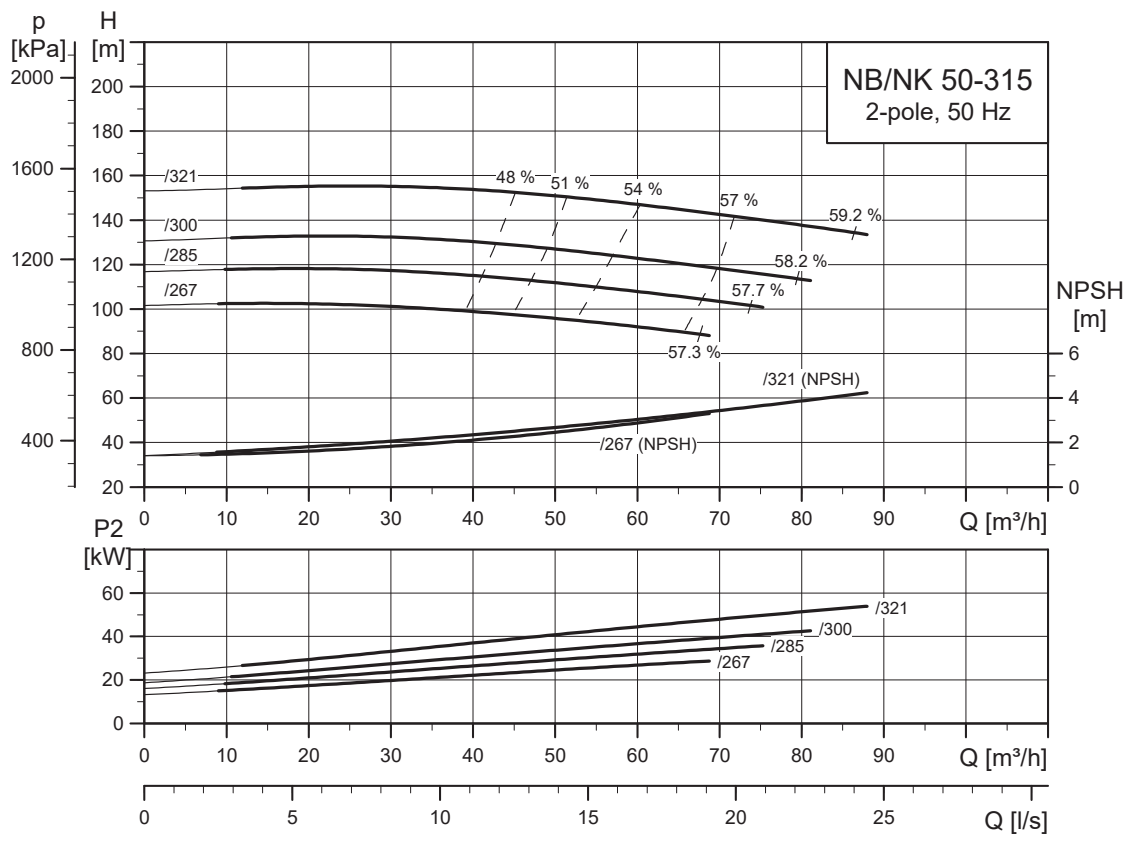
TM035095

NB, NK 50-250



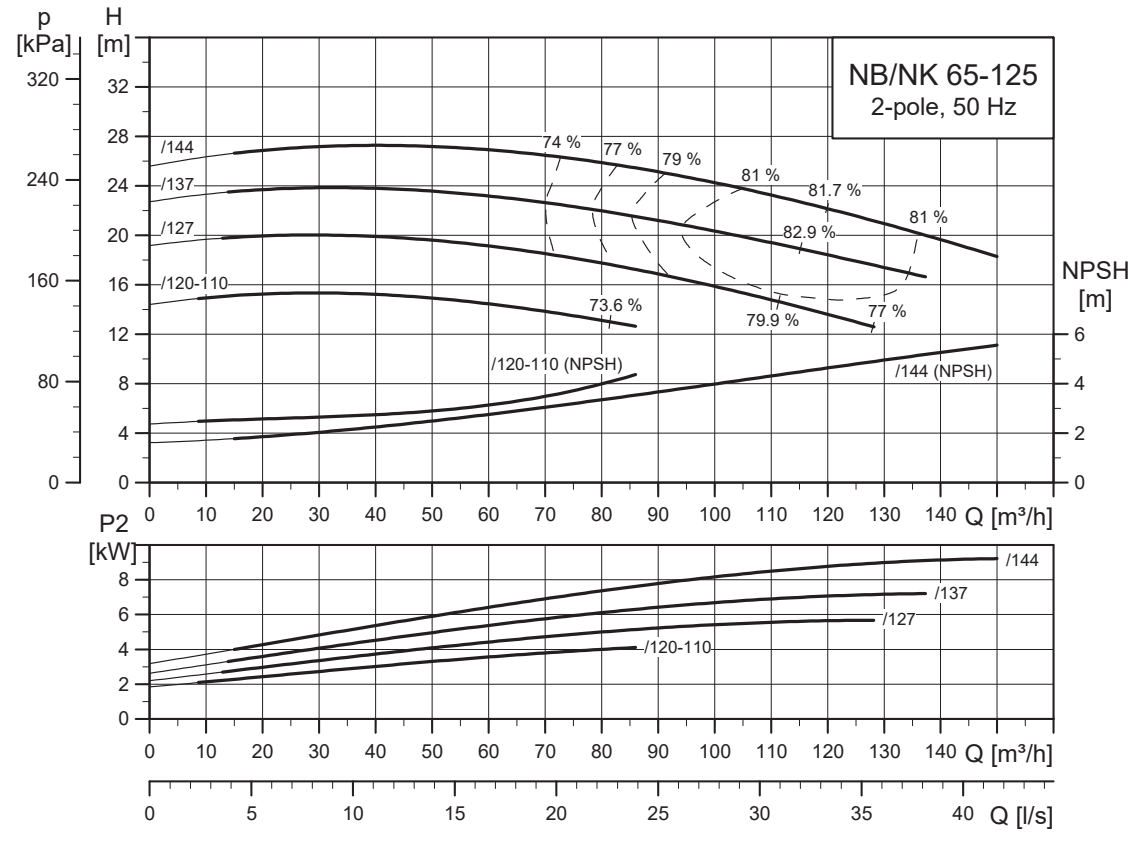
TM035096

NB, NK 50-315



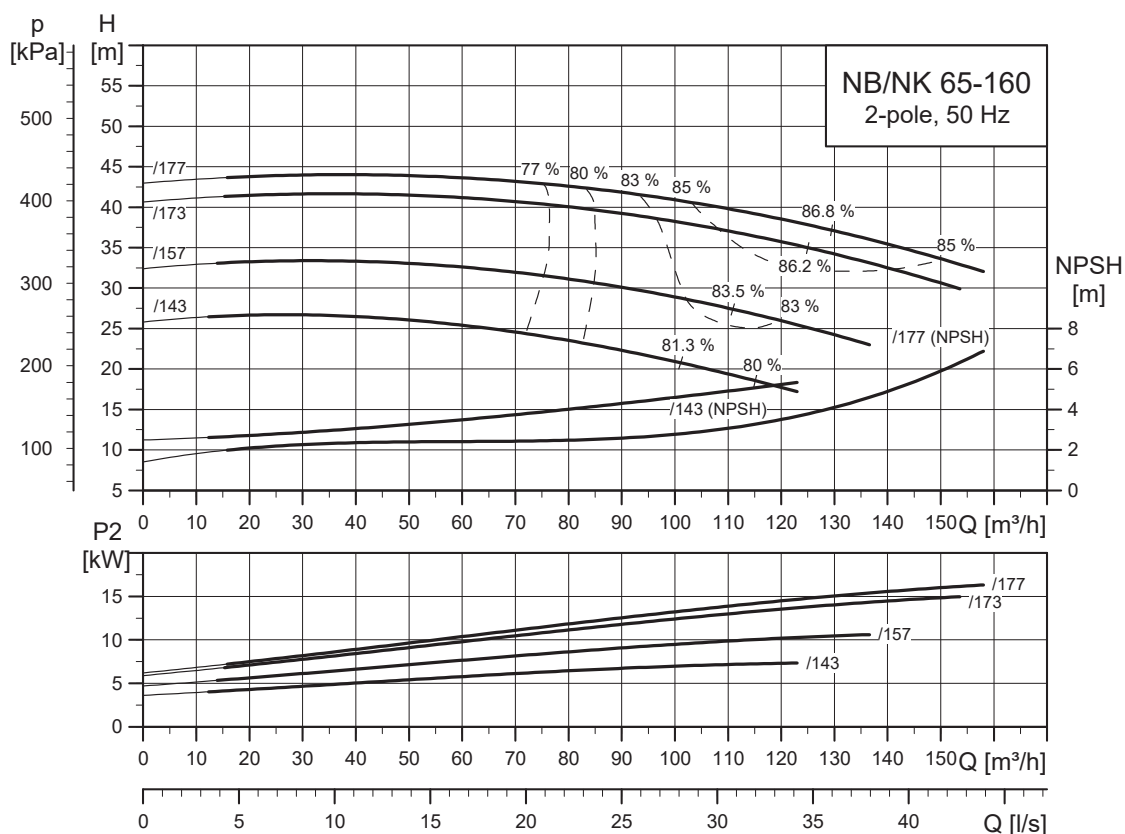
TM035097

NB, NK 65-125



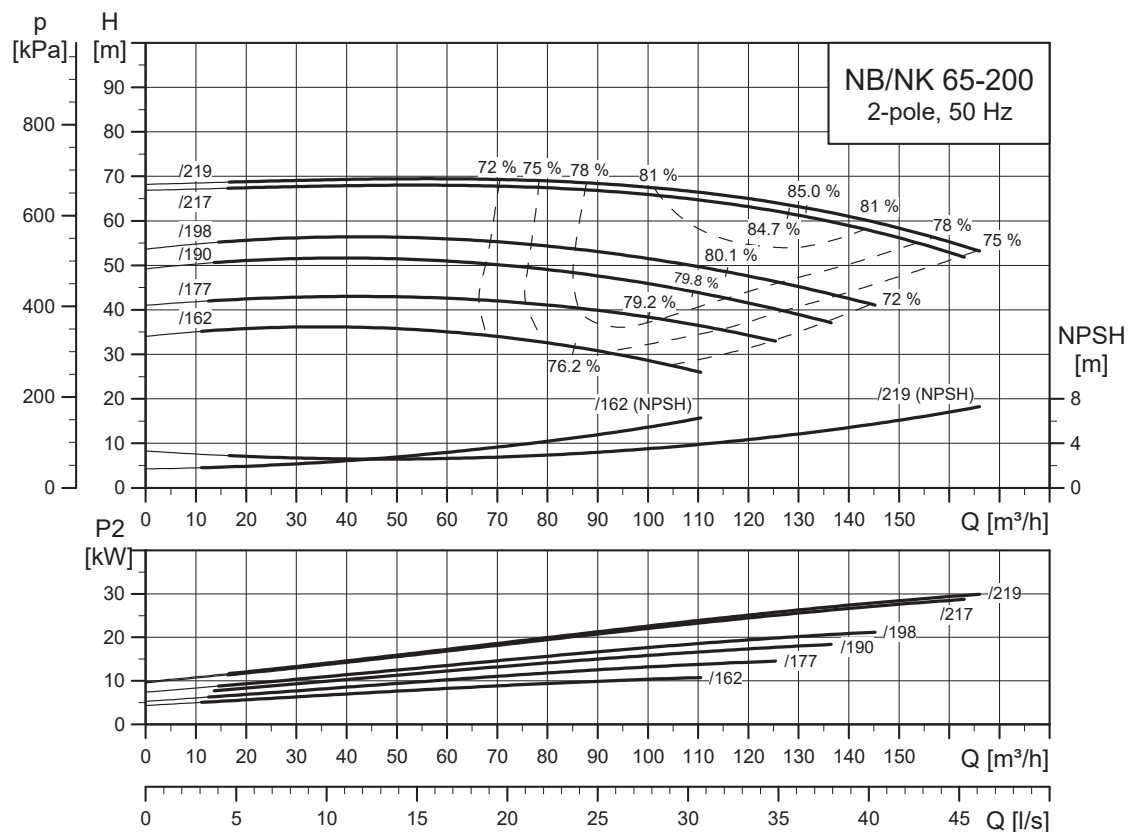
TM035098

NB, NK 65-160



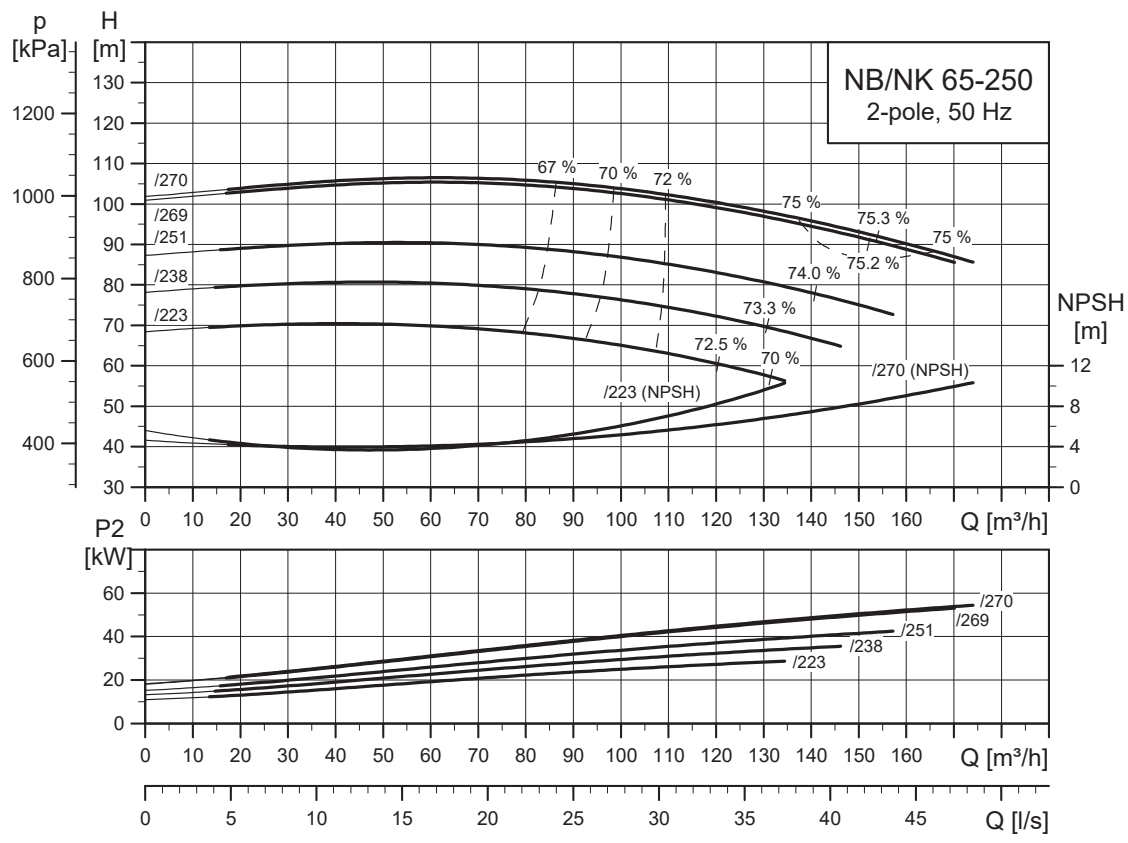
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NB, NK 65-200



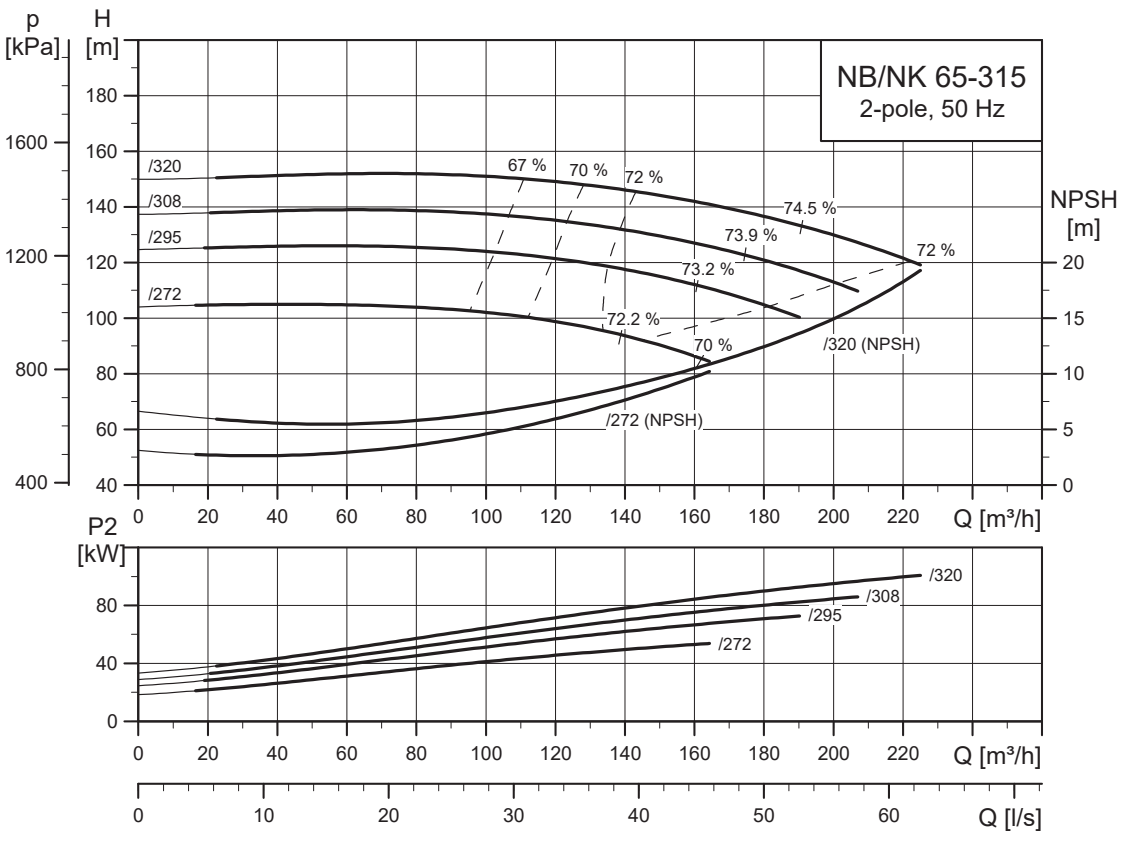
TM035100

NB, NK 65-250



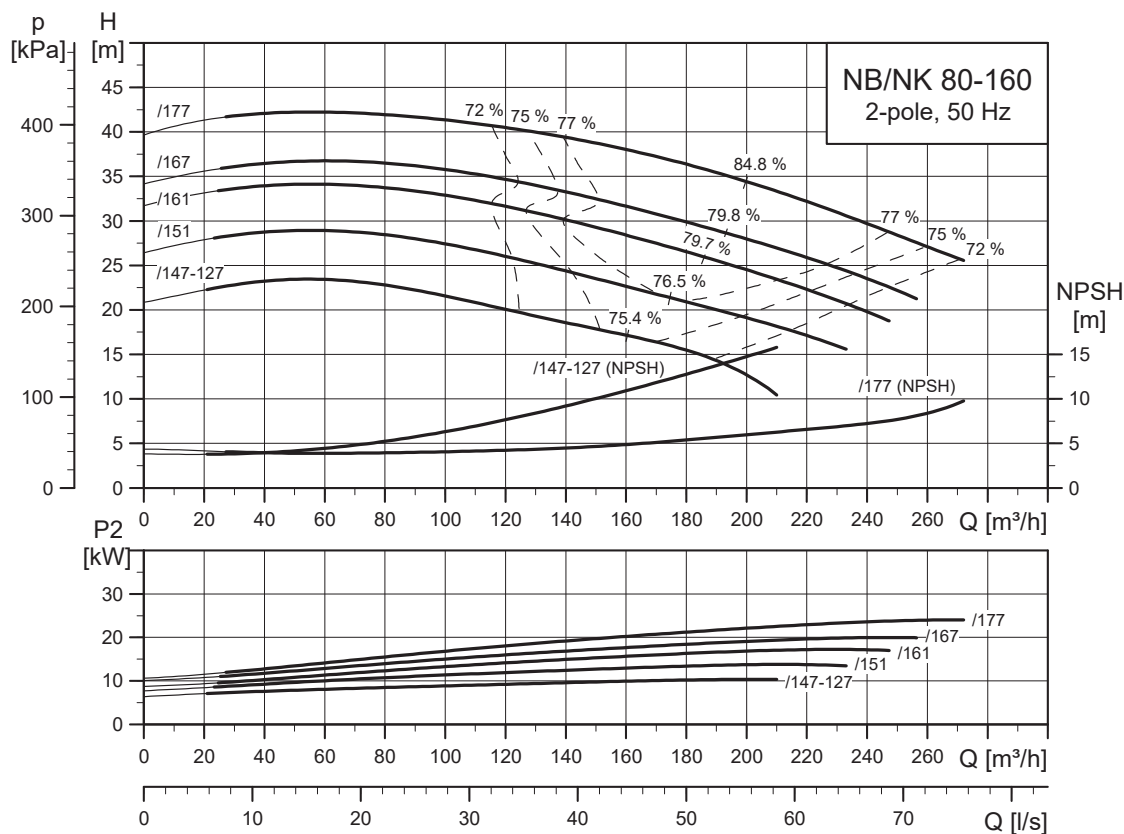
TM035101

NB, NK 65-315



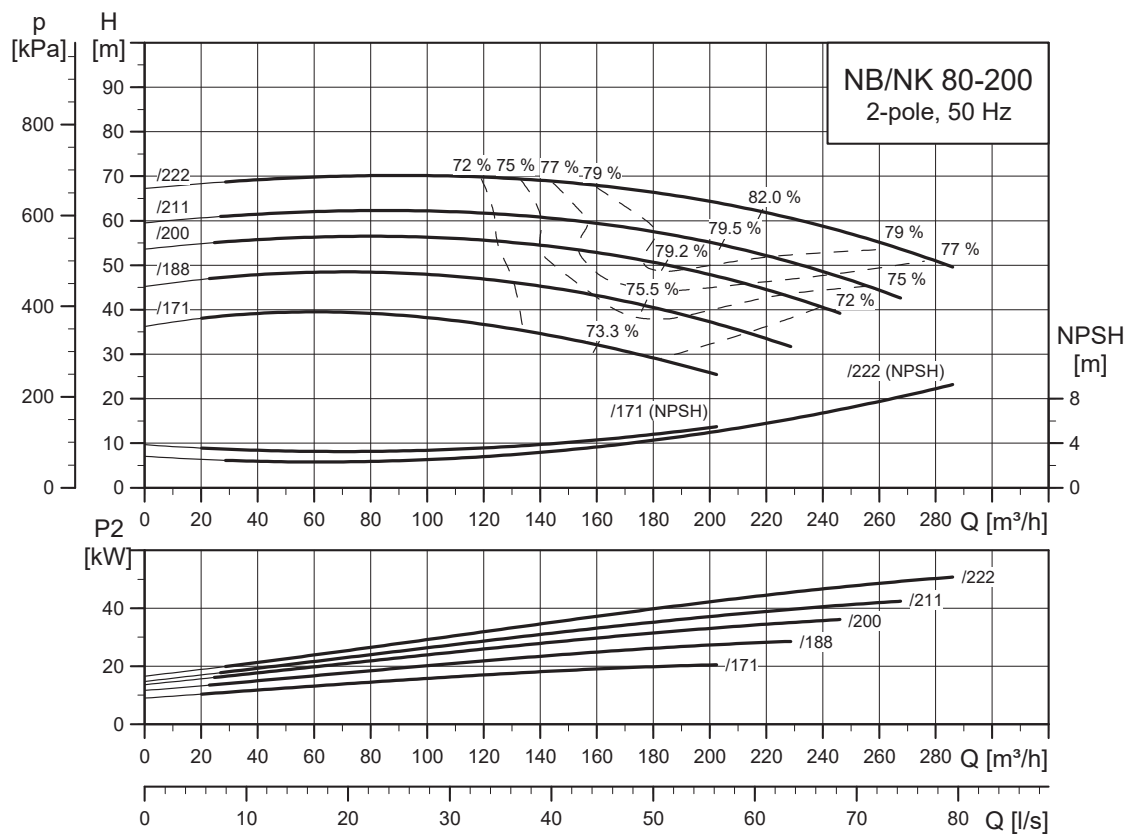
TM035102

NB, NK 80-160



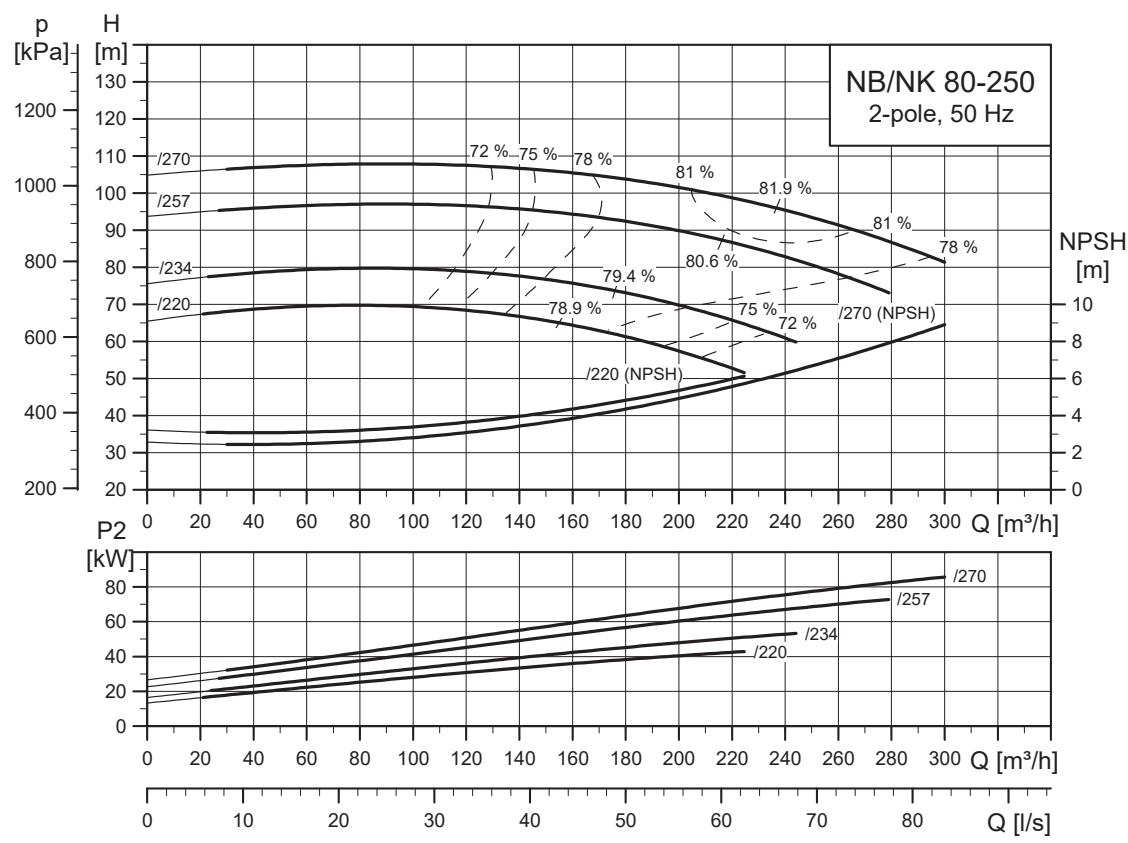
TM035103

NB, NK 80-200



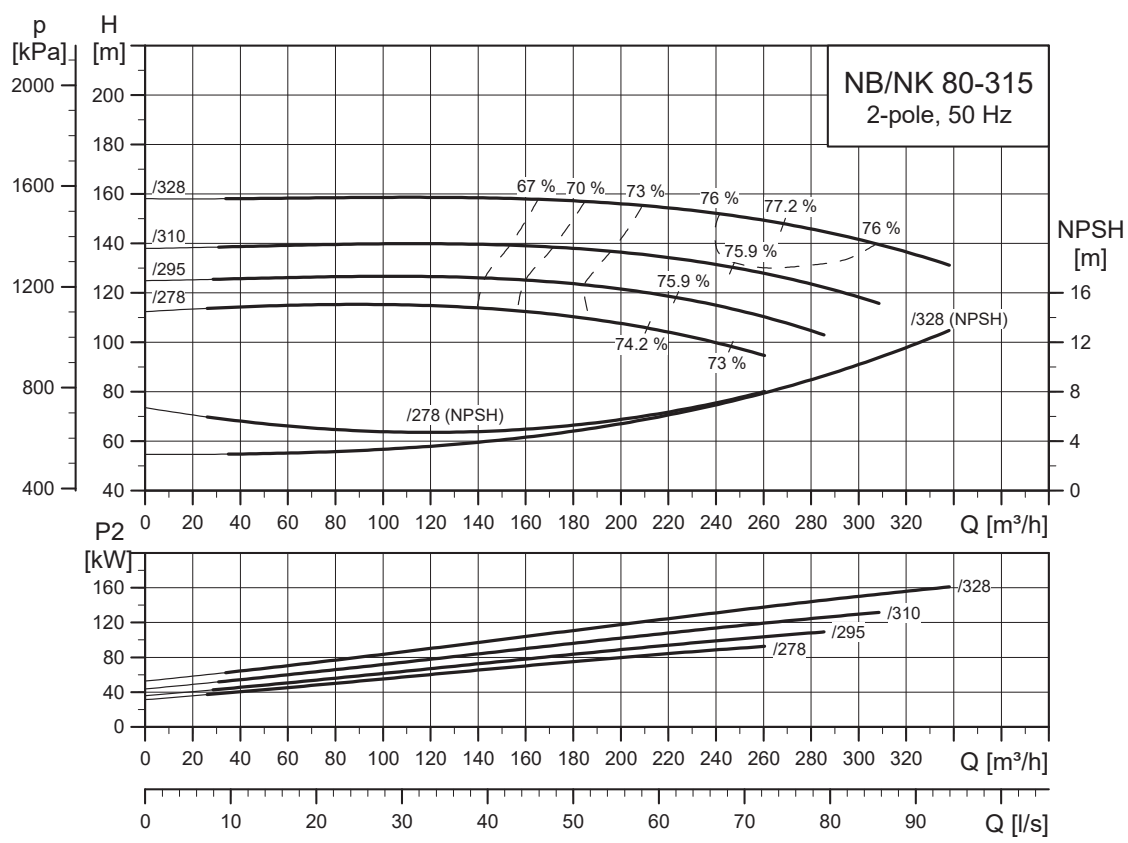
TM035104

NB, NK 80-250



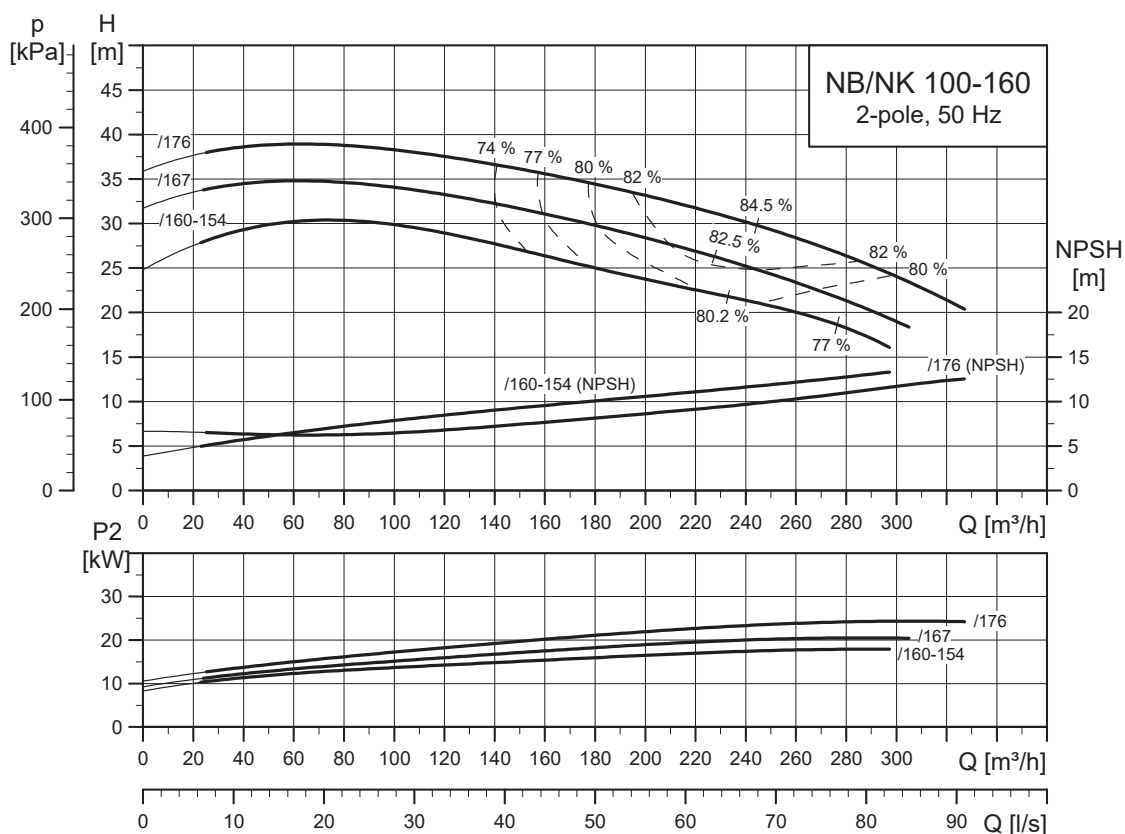
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NB, NK 80-315



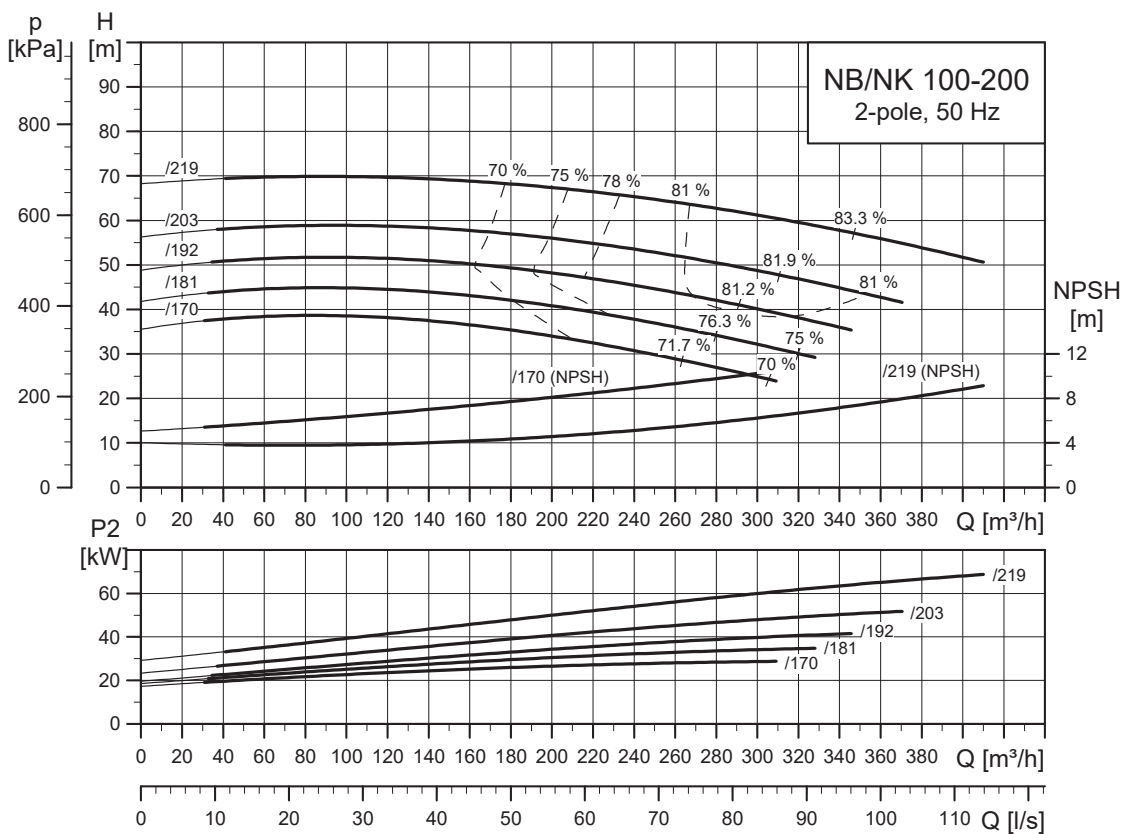
TM035106

NB, NK 100-160



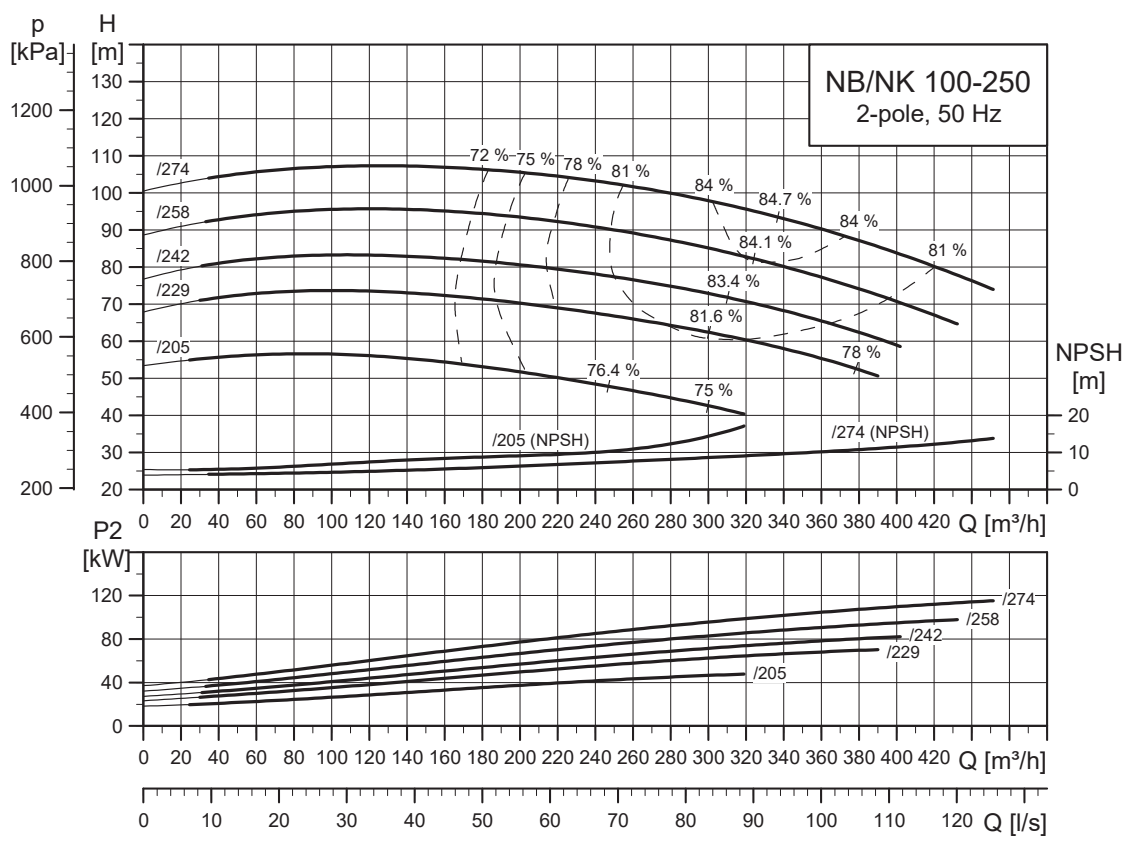
TM035107

NB, NK 100-200

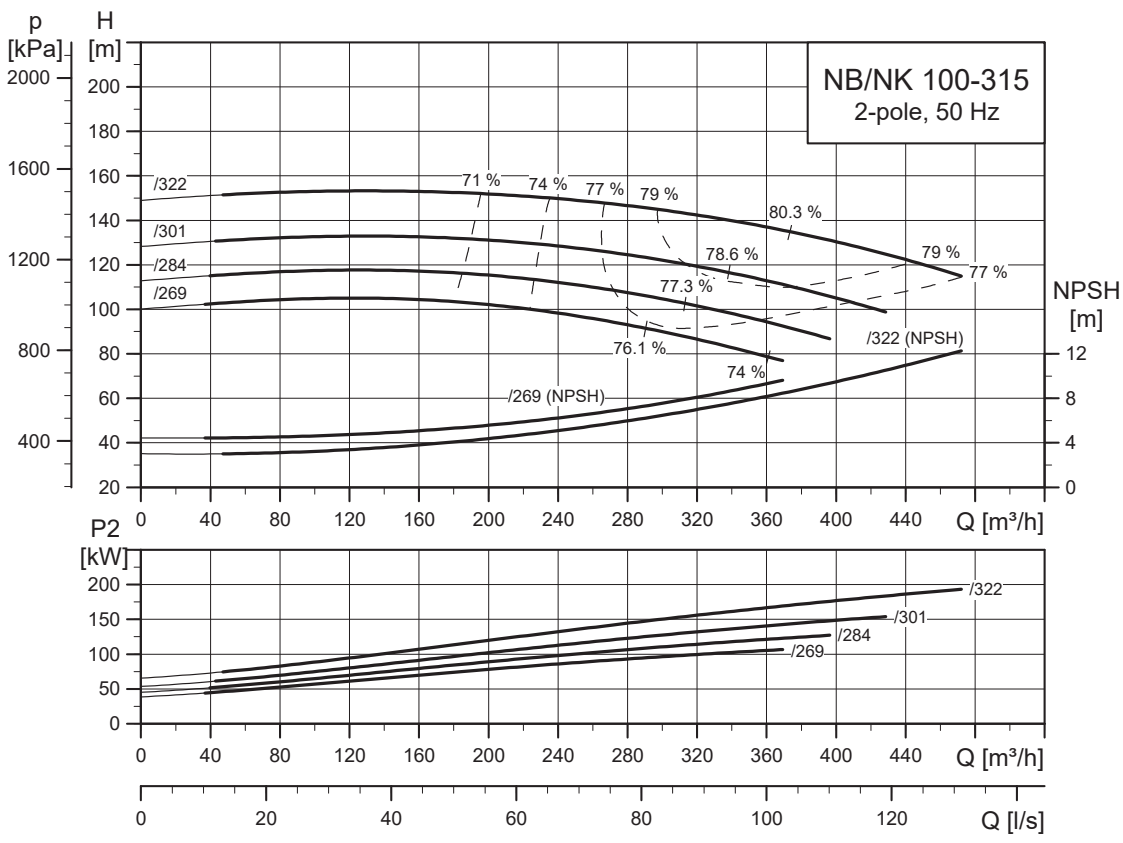


TM035108

NB, NK 100-250



NB, NK 100-315



TM035109

TM035110