

Facts and figures 50Hz

Pump size	2	4	6	10	15	25	40	60	85	125
Capacity at optimum efficiency [m³/h]	1.9	4	6.4	10.4	19.2	27.8	38.3	50.5	81	130
Min. capacity [m³/h]	0.2	0.4	0.6	1.1	1.6	2.6	4	6	8.5	13.1
Max. capacity [m³/h]	3.3	6.5	9	13.2	22.5	35	54	76	110	160
Max. installed motor power [kW]	2.2	4	5.5	7.5	18.5	22	37	45	45	45

DPV

DPV - Vertical PN40			2	4	6	10	15	25	40	60	85	125
Max. pressure at optimum efficiency [m]			187	193	200	178	198	185	211	198	137	86
Max. top pressure (H@Q=0) [m]			229	234	256	239	258	246	250	251	176	127
Liquid temperature range [°C]			-20 up to 140									-20 up to 120
Max. hydraulic efficiency [%]			54	61	68	68	73	75	78	78	77	80
NPSH at optimum efficiency [m]			1.6	1.2	1.3	1.2	1.9	3.2	2.5	2.7	2.6	4.6
Optional variant low NPSH at optimum efficiency [m]*			0.4	0.5	0.5	0.9	1.5	-	-	-	-	-
Seal options												
Fixed			•	•	•	•	•	-	-	-	-	-
Easy acces			•	•	•	•	•	•	•	•	•	-
Cartridge			•	•	•	•	•	•	•	•	•	•
Seal material options												
Ca/SiC			•	•	•	•	•	•	•	•	•	•
TuC/TuC			•	•	•	•	•	•	•	•	•	•
TuC/Ca			•	•	•	•	•	•	•	•	•	•
SiC/SiC			•	•	•	•	•	•	•	•	•	•
SiC/Ca			•	•	•	•	•	•	•	•	•	•
Elastomer options												
EPDM		DPVCF DPV	•	•	•	•	•	•	•	•	•	•
FPM		DPVS	•	•	•	•	•	•	•	•	•	•
HNBR			•	•	•	•	•	•	•	•	•	•
Pump options												
ATEX Ex e II T3 / Ex d II T4			•	•	•	•	•	•	•	•	•	•
High pressure class PN40			•	•	•	•	•	•	•	•	•	-
Heavy duty			•	•	•	•	•	-	-	-	-	-
Connections												
Casted round flange		DPVCF	NW25	NW25	NW32	NW40	NW50	NW65	NW80	NW100	NW100	NW125
Oval counterflange with inner thread		- -	G 1	G1	G 1 1/4	G1 1/2	G2	-	-	-	-	-
Outer thread with integrated check valve		DPVE	G 1 1/2	G 1 1/2	G 1 1/2	G2	G2	-	-	-	-	-
Round collar flange		DPVF DPVSF	NW25	NW25	NW32	NW40	NW50	NW65	NW80	NW100	NW100	NW125
Victaulic		DPVSV	DN40	DN40	DN40	DN50	DN50	-	-	-	-	-
Tri-clamp		DPVST	DN32	DN32	DN32		DN50	-	-	-	-	-

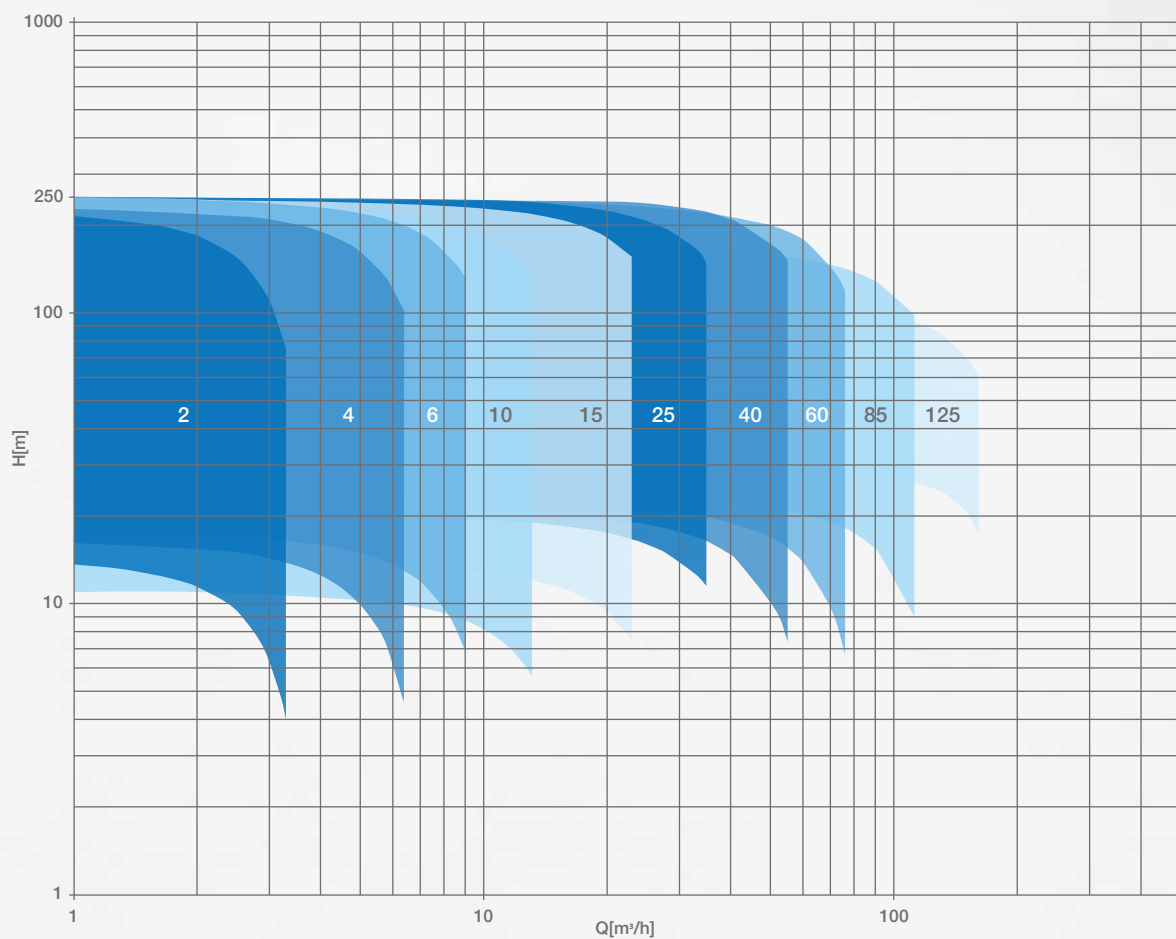
* When using the Low NPSHr option hydraulic performance may deviate.

DPHM

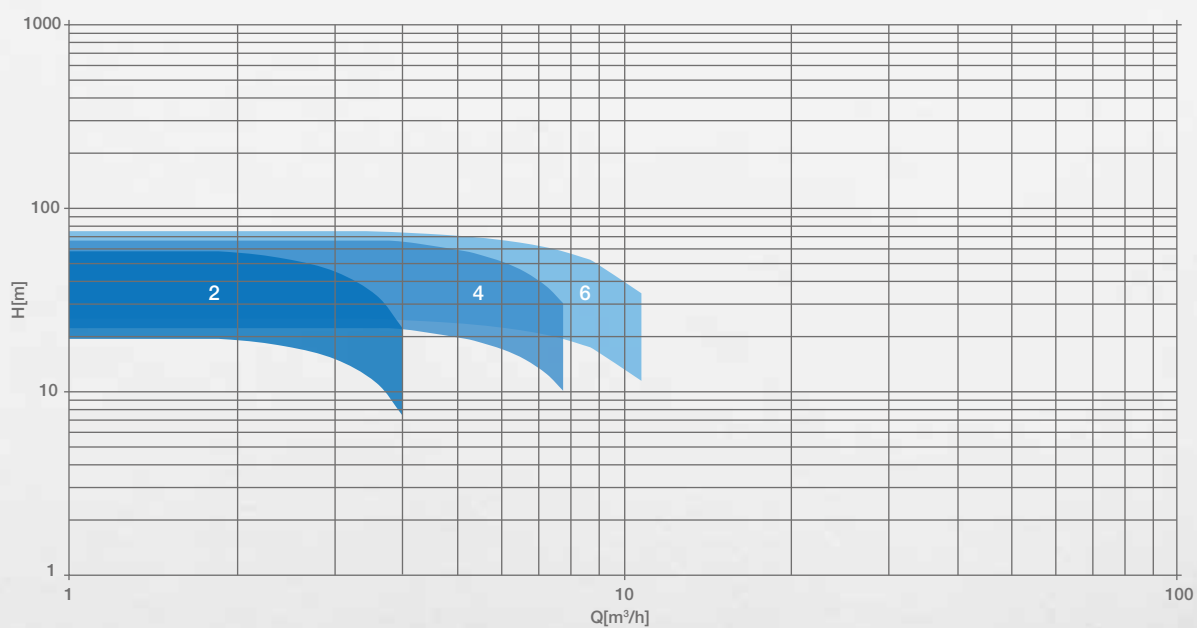
DPHM - Horizontal monoblock PN10			
Max. pressure at optimum efficiency [m]	37	43	43
Max. top pressure (H@Q=0) [m]	45	52	55
Liquid temperature range [°C]	-10 up to 60		
Max. hydraulic efficiency [%]	48	55	61
NPSH at optimal efficiency [m]	1.9	1.4	1.5
Seal options			
Fixed	•	•	•
Seal material options			
Ca/SiC	•	•	•
Elastomer options			
EPDM	•	•	•
NBR	•	•	•
Connections			
Inner thread (suction side)	DPHMC	DPHM	G11/4
Inner thread (discharge side)			G1



Q/H DPV 50Hz



Q/H DPHM 50Hz



Pump size	2	4	6	10	15
Capacity at optimum efficiency [m³/h]	1.9	4	6.4	10.4	18
Min. capacity [m³/h]	0.2	0.4	0.6	1.1	1.6
Max. capacity [m³/h]	3.3	6.5	9	13.2	22.5
Max. installed motor power [kW]	2.2	4	5.5	7.5	15

DPH(S)I

DPH(S)I - Horizontal PN25		2	4	6	10	15
Max. pressure at optimum efficiency [m]		87	101	105	66	80
Max. top pressure (H@Q=0) [m]		107	123	136	90	106
Liquid temperature range [°C]		-20 up to 140				
Max. hydraulic efficiency [%]		54	61	68	67	71
NPSH at optimum efficiency [m]		1.6	1.2	1.3	1.2	1.9
Optional variant low NPSH at optimum efficiency [m]*		0.4	0.5	0.5	0.9	1.5
Seal options						
Fixed		•	•	•	•	•
Easy acces		•	•	•	•	•
Cartridge		•	•	•	•	•
Seal material options						
Ca/SiC		•	•	•	•	•
TuC/TuC		•	•	•	•	•
TuC/Ca		•	•	•	•	•
SiC/SiC		•	•	•	•	•
SiC/Ca		•	•	•	•	•
Elastomer options						
EPDM	DPHI	•	•	•	•	•
FPM	DPHSI	•	•	•	•	•
HNBR		•	•	•	•	•
Connections						
Inner thread	DPHI DPHSI	G11/4	G11/4	G11/4	G2	G2

* When using the Low NPSHr option hydraulic performance may deviate.

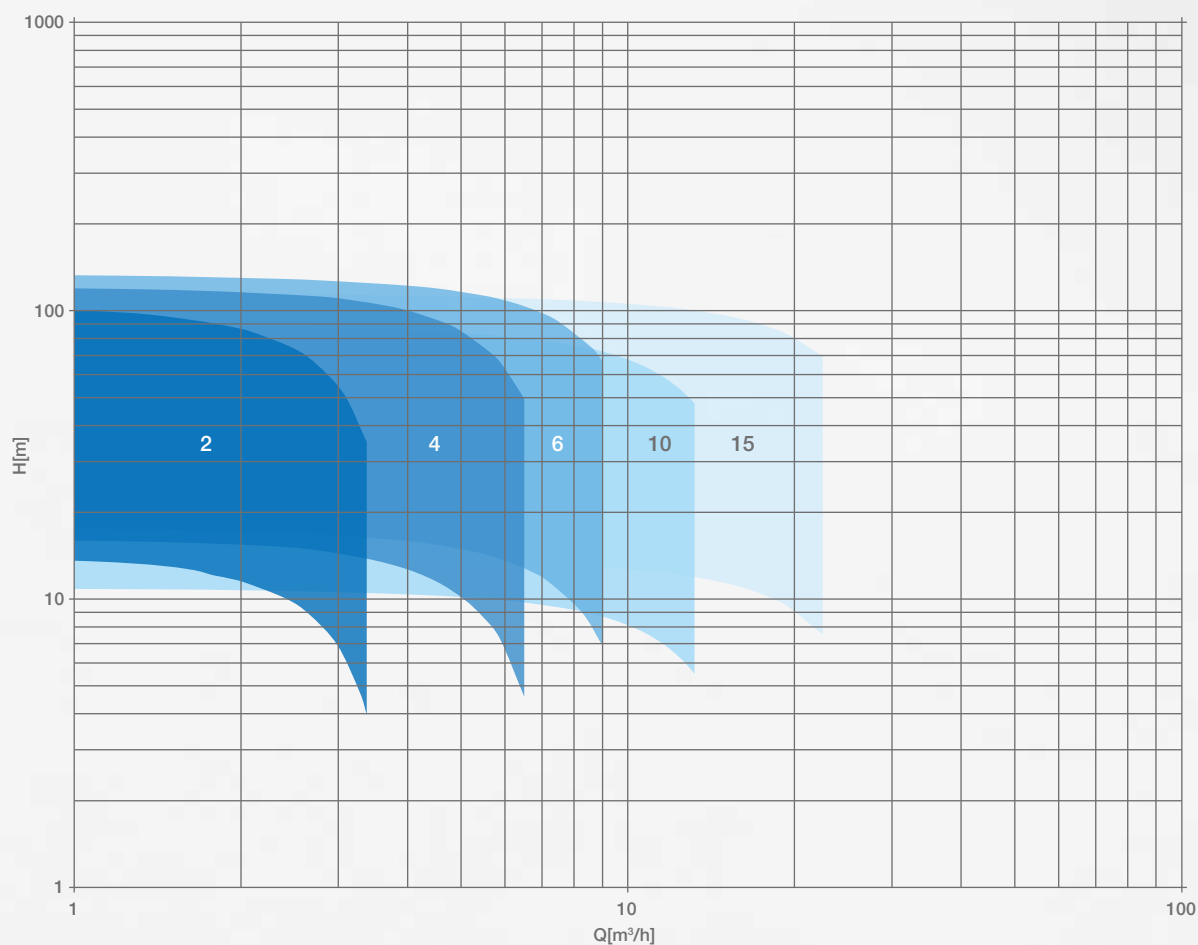


DPVCI

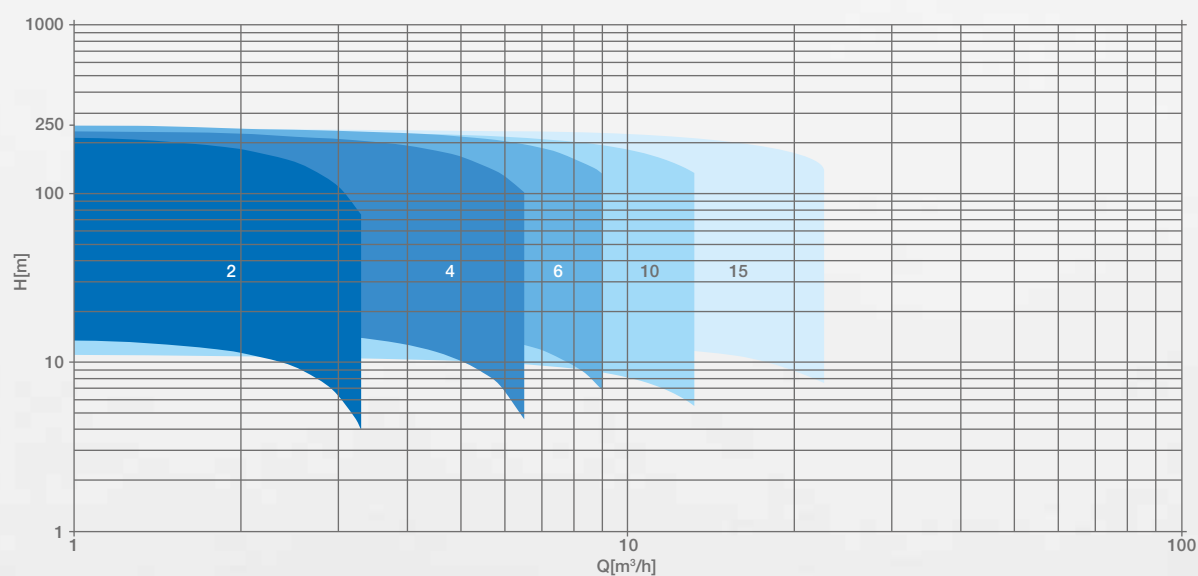
DPVCI - Immersible PN25		2	4	6	10	15
Max. pressure at optimum efficiency [m]		187	193	200	178	198
Max. top pressure (H@Q=0) [m]		229	234	256	239	258
Liquid temperature range PN25 [°C]		-20 up to 120				
Max. hydraulic efficiency [%]		54	61	68	68	73
NPSH at optimum efficiency [m]		1.6	1.2	1.3	1.2	1.9
Seal options						
Cartridge		•	•	•	•	•
Seal material options						
Ca/SiC		•	•	•	•	•
TuC/TuC		•	•	•	•	•
TuC/Ca		•	•	•	•	•
SiC/SiC		•	•	•	•	•
SiC/Ca		•	•	•	•	•
Elastomer options						
EPDM	DPVCI	•	•	•	•	•
FPM		•	•	•	•	•
HNBR		•	•	•	•	•
Connections						
Inner thread (discharge side)	DPVCI	G11/4	G11/4	G11/4	G2	G2



Q/H DPH(S)I 50Hz



Q/H DPVCI 50Hz



Facts and figures 60Hz

Pump size	2	4	6	10	15	25	40	60	85	125
Capacity at optimum efficiency [m³/h]	2.3	4.8	7.7	12.5	23.1	34.3	46.5	64.2	102	157.7
Min. capacity [m³/h]	0.2	0.5	0.7	1.3	1.9	3.1	4.8	7.2	10.2	15.7
Max. capacity [m³/h]	4	7.8	10.8	15.8	27	42.8	65	92	132	192
Max. installed motor power [kW]	3	5.5	7.5	11	18.5	22	37	45	45	45

DPV

DPV - Vertical PN40	2	4	6	10	15	25	40	60	85	125
Max. pressure at optimum efficiency [m]	183	196	199	182	184	155	182	164	96	71
Max. top pressure (H@Q=0) [m]	246	238	255	246	243	208	217	215	146	110
Liquid temperature range [°C]	-20 up to 140									-20 t/m 80
Max. hydraulic efficiency [%]	54	61	68	68	70	75	77	79	77	81
NPSH at optimum efficiency [m]	2.5	1.9	1.9	1.8	2.7	4.7	2.4	2.2	3.8	7.2
Optional variant low NPSH at optimum efficiency [m]*	0.6	0.7	1.1	1.2	2.2	-	-	-	-	-
Seal options										
Fixed	•	•	•	•	•	-	-	-	-	-
Easy acces	•	•	•	•	•	•	•	•	•	-
Cartridge	•	•	•	•	•	•	•	•	•	•
Seal material options										
Ca/SiC	•	•	•	•	•	•	•	•	•	•
TuC/TuC	•	•	•	•	•	•	•	•	•	•
TuC/Ca	•	•	•	•	•	•	•	•	•	•
SiC/SiC	•	•	•	•	•	•	•	•	•	•
SiC/Ca	•	•	•	•	•	•	•	•	•	•
Elastomer options										
EPDM DPVCF DPV	•	•	•	•	•	•	•	•	•	•
FPM DPVS	•	•	•	•	•	•	•	•	•	•
HNBR	•	•	•	•	•	•	•	•	•	•
Pump options										
ATEX Ex e II T3 / Ex d II T4	•	•	•	•	•	•	•	•	•	-
High pressure class PN40	•	•	•	•	•	•	•	•	•	-
Heavy duty	•	•	•	•	•	-	-	-	-	-
Connections										
Casted round flange DPVCF	NW25	NW25	NW32	NW40	NW50	NW65	NW80	NW100	NW100	NW125
Oval counterflange with inner thread - -	G1	G1	G1 1/4	G1 1/2	G2	-	-	-	-	-
Outer thread with integrated check valve DPVE	G1 1/2	G1 1/2	G1 1/2	G2	G2	-	-	-	-	-
Round collar flange DPVF DPVSF	NW25	NW25	NW32	NW40	NW50	NW65	NW80	NW100	NW100	NW125
Victaulic DPVSV	DN40	DN40	DN40	DN50	DN50	-	-	-	-	-
Tri-clamp DPVST	DN32	DN32	DN32	DN50	DN50	-	-	-	-	-

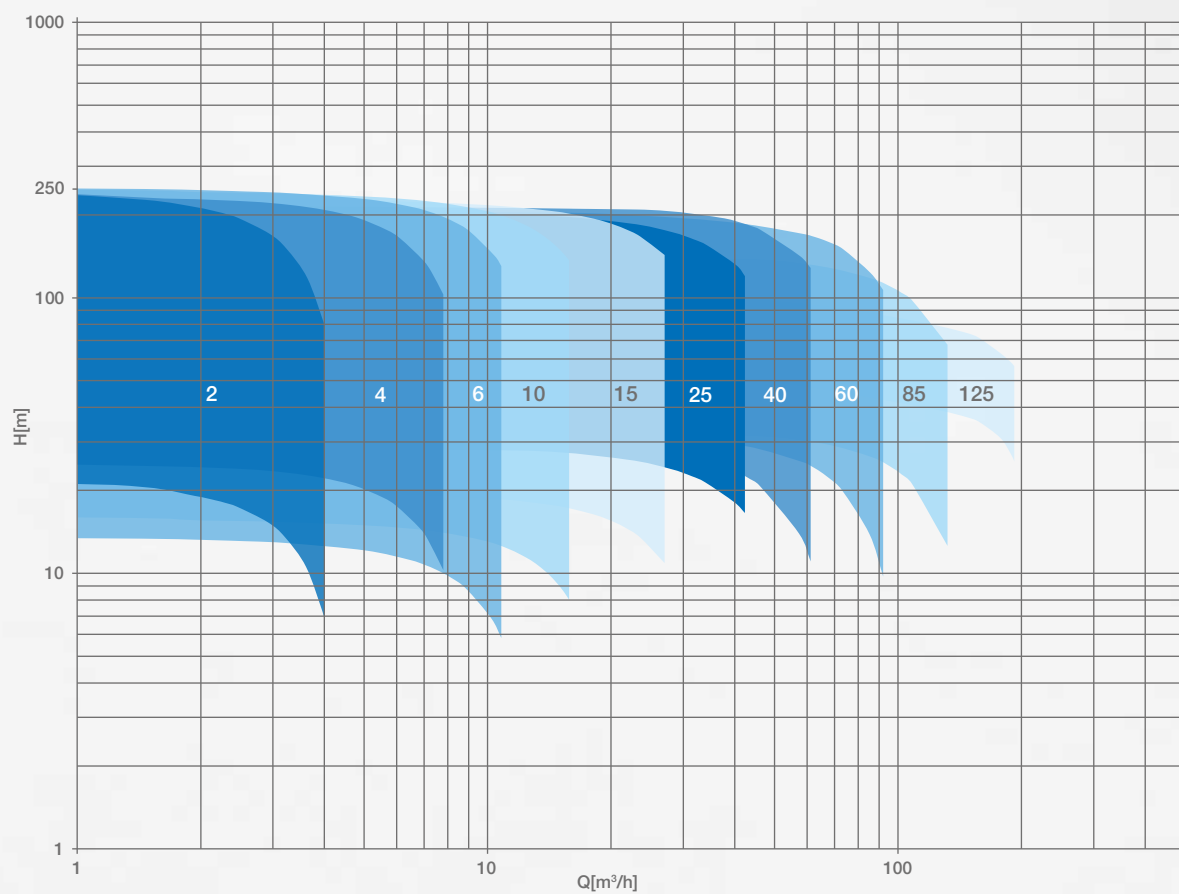
*When using the Low NPSHr option hydraulic performance may deviate.

DPHM

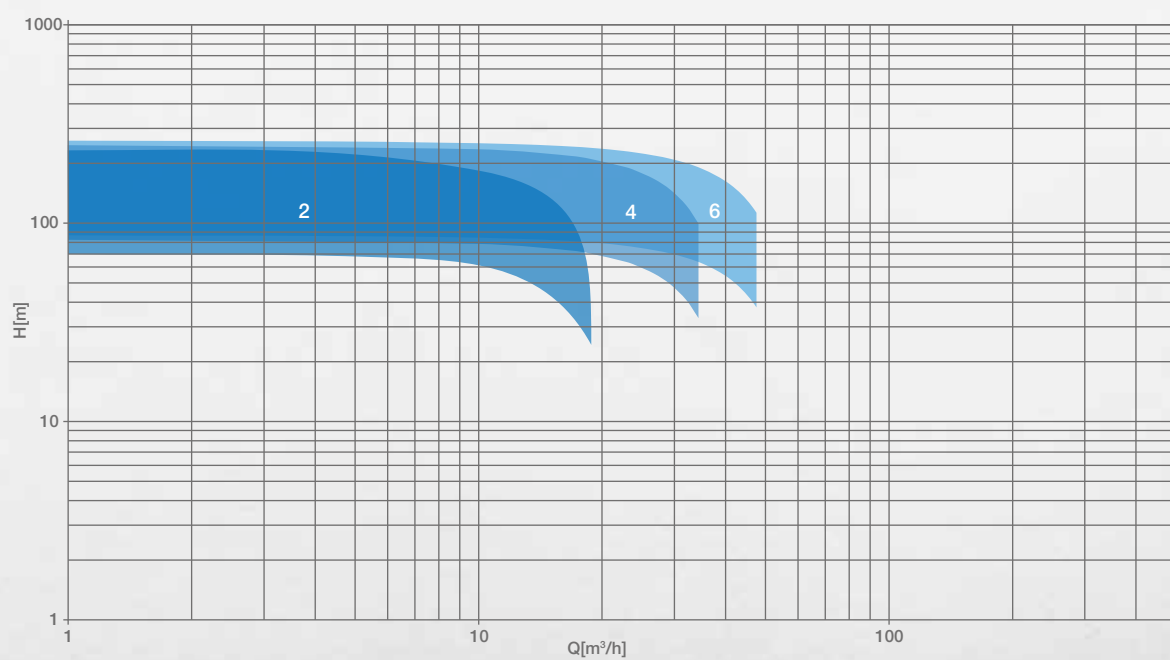
DPHM - Horizontal monoblock PN10	2	4	6
Max. pressure at optimum efficiency [m]	53	58	62
Max. top pressure (H@Q=0) [m]	65	75	79
Liquid temperature range [°C]	-20 up to 60		
Max. hydraulic efficiency [%]	48	55	61
NPSH at optimal efficiency [m]	2.7	2.1	2.1
Seal options			
Fixed	•	•	•
Seal material options			
Ca/SiC	•	•	•
Elastomer options			
EPDM	•	•	•
NBR	•	•	•
Connections			
Inner thread (suction side) DPHMC DPHM	G11/4	G11/4	G11/4
Inner thread (discharge side)	G1	G1	G1



Q/H DPV 60Hz



Q/H DPHM 60Hz



Pump size	2	4	6	10	15
Capaciteit bij optimale efficiency [m³/h]	2.3	4.8	7.7	12.5	21.7
Min. capacity [m³/h]	0.2	0.5	0.7	1.3	1.9
Max. capacity [m³/h]	4.0	7.8	10.8	15.8	27.0
Max. installed motor power [kW]	3.0	5.5	7.5	11.0	18.5

DPH(S)I

DPH(S)I - Horizontal PN25		2	4	6	10	15
Max. pressure at optimum efficiency [m]		126	151	154	96	67
Max. top pressure (H@Q=0) [m]		154	183	199	132	88
Liquid temperature range [°C]		-20 up to 140				
Max. hydraulic efficiency [%]		54	61	68	68	67
NPSH at optimum efficiency [m]		2.4	1.9	1.9	1.8	2.7
Optional variant low NPSH at optimum efficiency [m]*		0.6	0.7	1.1	1.2	2.2
Seal options						
Fixed		•	•	•	•	•
Easy acces		•	•	•	•	•
Cartridge		•	•	•	•	•
Seal material options						
Ca/SiC		•	•	•	•	•
TuC/TuC		•	•	•	•	•
TuC/Ca		•	•	•	•	•
SiC/SiC		•	•	•	•	•
SiC/Ca		•	•	•	•	•
Elastomer options						
EPDM	DPHI	•	•	•	•	•
FPM	DPHSI	•	•	•	•	•
HNBR		•	•	•	•	•
Connections						
Inner thread	DPHI DPHSI	G11/4	G11/4	G11/4	G2	G2

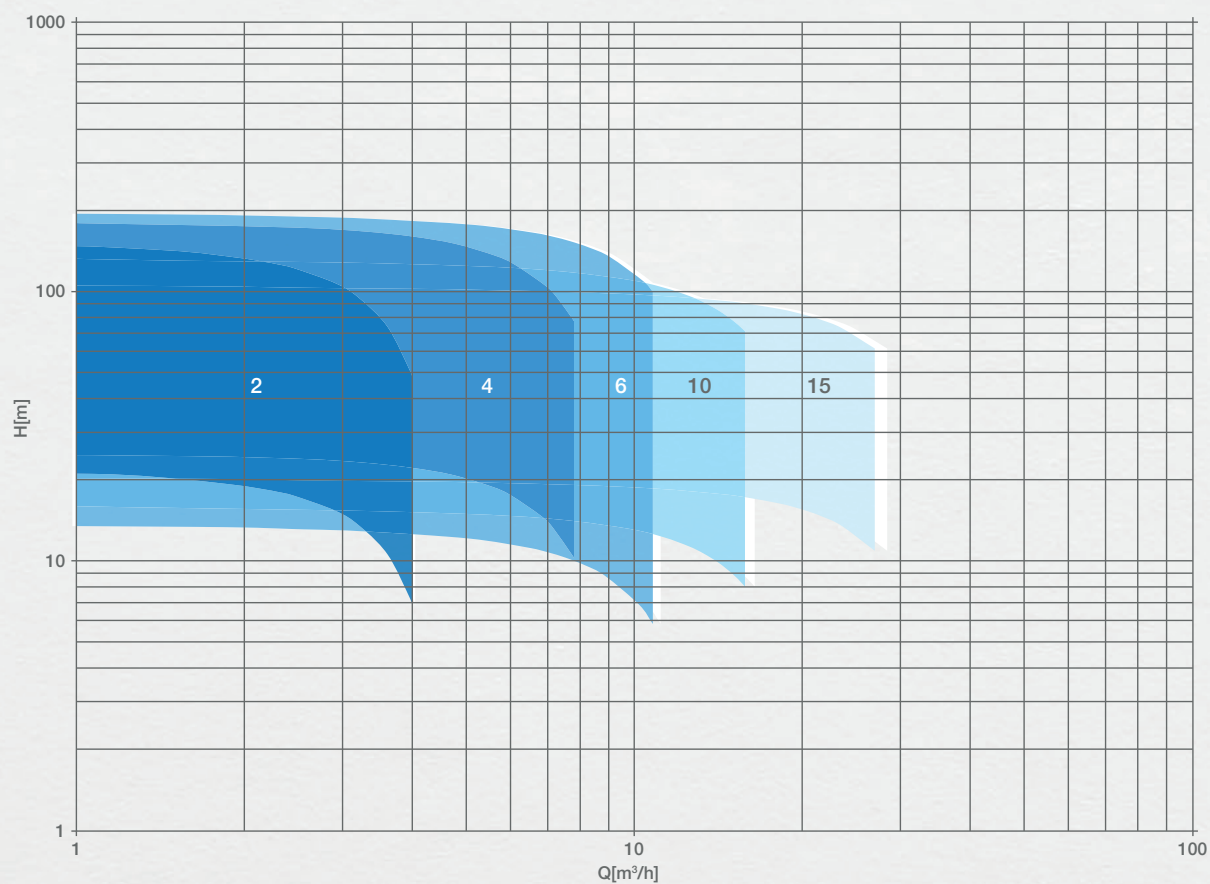
*When using the Low NPSHr option hydraulic performance may deviate.

**DPVCI**

DPVCI - Immersible PN25		2	4	6	10	15
Max. pressure at optimum efficiency [m]		183	196	199	182	184
Max. top pressure (H@Q=0) [m]		246	238	255	246	243
Liquid temperature range PN25 [°C]		-20 up to 120				
Max. hydraulic efficiency [%]		54	61	68	68	70
NPSH at optimum efficiency [m]		2.5	1.9	1.9	1.8	2.7
Seal options						
Cartridge		•	•	•	•	•
Seal material options						
Ca/SiC		•	•	•	•	•
TuC/TuC		•	•	•	•	•
TuC/Ca		•	•	•	•	•
SiC/SiC		•	•	•	•	•
SiC/Ca		•	•	•	•	•
Elastomer options						
EPDM	DPVCI	•	•	•	•	•
FPM		•	•	•	•	•
HNBR		•	•	•	•	•
Connections						
Inner thread (discharge side)	DPVCI	G11/4	G11/4	G11/4	G2	G2



Q/H DPH(S)I 60Hz



Q/H DPVCI 60Hz

