

CIRCULATORS

FOR HEATING AND AIR CONDITIONING SYSTEMS



DPH/DMH



BPH/BMH

Pump for circulating hot water in small closed and pressurised or open tank civil and industrial community heating systems. Cast iron body and wet rotor motor. Die-cast aluminium motor casing. Flanged inlet and delivery mouths, fitted with threaded unions for pressure gauges. Technopolymer impeller, tempered stainless steel driving shaft. Stainless steel protective rotor sleeve and stator sleeve. Four pole asynchronous motor for the BMH and DMH versions, two pole motor for the BPH and DPH versions. The Single-phase circulator has been designed to work at three speeds - 230V, while the Three-phase circulator has been designed to work at two speeds - 230 V and at three speeds - 400 V. Thermal overload protection incorporated in the single-phase version. For the three-phase version the motor must be connected to the power supply through an external contactor. An automatic clapet type valve is incorporated into the delivery mouth of the twin version in order to prevent water from recirculating while the unit is not working; a blank flange is also supplied standard if one of the two motors must be serviced.

Protection level: IP 44

Operating range: from 1.5 to 78 m³/h with head up to 18 metres.

Liquid temperature range: for three-phase version: from -10°C to +120°C (for the models BPH-DPH 150/340.65 T and BPH-DPH 150/360.80 T; BPH-DPH 150-180/280.50 T; BPH-DPH 180/340.65 T; BPH-DPH 180/360.80 T: from -10°C to +110°C).

For single-phase version: from -10°C to +110°C.

Characteristics of pumped liquid: clean, free from solids and mineral oils, non viscous, chemically neutral, close to the characteristics of water (max. glycol 30%).

Maximum operating pressure: 10 bar (1000 kPa).

Standard flanging: DN 40, DN 50, DN 65, DN 80 in PN 6/PN 10 (4 holes)

Flanging on request: DN 80 in PN 10/PN 16 (8 holes)

Installation: with MOTOR AXIS HORIZONTAL

Cable grommet: PG 11

ELECTRICAL DATA

BMH - DMH 1400 r.p.m.

BPH - DPH 2800 r.p.m.

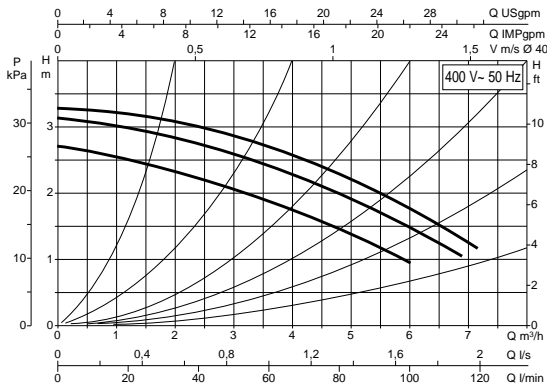
MODEL		VOLTAGE 50 Hz	CENTRE DISTANCE mm	FLANGES ON REQUEST	ELECTRICAL DATA				MINIMUM HEAD PRESSURE
SINGLE	TWIN				SPEED	n r.p.m.	P1 MAX W	I _n A	
BMH 30/250.40 T	*DMH 30/250.40 T	3x230 V ~	250	DN 40 - PN 10	2	1340	100	0,48	t° 75°C 90°C 110°C 120°C m.t. 0,9 4 - 18
		3x400 V ~			1	1260	88	0,39	
BPH 60/250.40 M	*DPH 60/250.40 M	1x230 V ~	250	DN 40 - PN 10	3	2830	316	1,43	t° 75°C 90°C 110°C 120°C m.t. 1,6 4 14 -
					2	2750	309	1,53	
					1	2410	292	1,51	
BPH 60/250.40 T	*DPH 60/250.40 T	3x230 V ~	250	DN 40 - PN 10	2	2570	253	0,81	t° 75°C 90°C 110°C 120°C m.t. 1,6 4 - 19
		1			2420	229	0,72		
		3			2850	348	0,99		
		2			2810	316	0,75		
BPH 120/250.40 M	*DPH 120/250.40 M	1x230 V ~	250	DN 40 - PN 10	3	2650	510	2,24	t° 75°C 90°C 110°C 120°C m.t. 6 9 18 -
					2	2320	498	2,35	
					1	1520	376	1,96	
					3	2780	536	1,16	
BPH 120/250.40 T	*DPH 120/250.40 T	3x230 V ~	250	DN 40 - PN 10	2	2300	395	1,2	t° 75°C 90°C 110°C 120°C m.t. 6 9 - 23
		1			2070	340	1,07		
		2			2710	499	0,98		
		1			2080	339	0,62		
BMH 30/280.50 T	*DMH 30/280.50 T	3x230 V ~	280	DN 50 - PN 10	2	1390	148	0,7	t° 75°C 90°C 110°C 120°C m.t. 0,9 4 - 18
		1			1340	134	0,55		
		3			1460	255	1,12		
		2			1450	216	0,83		
BMH 60/280.50 T	*DMH 60/280.50 T	3x230 V ~	280	DN 50 - PN 10	2	1210	272	0,94	t° 75°C 90°C 110°C 120°C m.t. 4 7,5 - 21
		1			1120	240	0,8		
		3			1400	410	1,2		
		2			1360	367	0,95		
BPH 60/280.50 M	*DPH 60/280.50 M	1x230 V ~	280	DN 50 - PN 10	3	2840	595	2,79	t° 75°C 90°C 110°C 120°C m.t. 1,6 6 14 -
					2	2730	540	2,45	
					1	2200	506	2,58	
					2	2670	464	1,35	
BPH 60/280.50 T	*DPH 60/280.50 T	3x230 V ~	280	DN 50 - PN 10	1	2570	432	1,23	t° 75°C 90°C 110°C 120°C m.t. 1,6 6 - 19
		3			2890	589	1,31		
		2			2860	546	1,1		
		1			2570	423	0,71		
BPH 120/280.50 M	*DPH 120/280.50 M	1x230 V ~	280	DN 50 - PN 10	3	2690	870	3,97	t° 75°C 90°C 110°C 120°C m.t. 2 5 - 20
					2	2360	800	3,69	
					1	1340	590	3,12	
BPH 120/280.50 T	*DPH 120/280.50 T	3x230 V ~	280	DN 50 - PN 10	2	2430	683	1,95	t° 75°C 90°C 110°C 120°C m.t. 2 5 - 20
		1			2240	605	1,75		
		3			2810	898	1,67		
		2			2740	840	1,47		
BPH 150/280.50 T	*DPH 150/280.50 T	3x230 V ~	280	DN 50 - PN 10	1	2260	603	1	t° 75°C 90°C 110°C 120°C m.t. 2 5 - 20
		2			2553	1130	3,22		
		1			2420	1032	3		
		3			2850	1470	2,9		
BPH 180/280.50 T	*DPH 180.280.50 T	3x230 V ~	280	DN 50 - PN 10	2	2802	1360	2,5	t° 75°C 90°C 110°C 120°C m.t. 2 5 - 20
		1			2425	1030	1,7		
		2			2520	1230	3,5		
		1			2340	1120	3,2		
BPH 180/280.50 T	*DPH 180.280.50 T	3x400 V ~	280	DN 50 - PN 10	3	2830	1630	3	t° 75°C 90°C 110°C 120°C m.t. 2 5 - 20
		2			2780	1540	2,70		
		1			2360	1130	1,85		
		3			2830	1630	3		

*Hydraulic values refer to one motor.

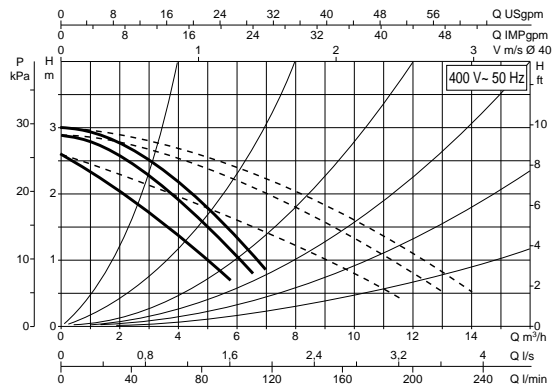
MODEL		VOLTAGE 50 Hz	CENTRE DISTANCE mm	FLANGES ON REQUEST	ELECTRICAL DATA				MINIMUM HEAD PRESSURE		
SINGLE	TWIN				SPEED	n r.p.m.	P1 MAX W	In A			
BMH 30/340.65 T	*DMH 30/340.65 T	3x230 V ~	340	DN 65 - PN 10	2	1360	170	0,73	t° 75°C 90°C 110°C 120°C m.t. 4 7,5 - 21		
		3x400 V ~			1	1310	154	0,60			
					3	1450	270	1,12			
		2			1430	233	0,84				
					1	1310	150	0,35			
BMH 60/340.65 T	*DMH 60/340.65 T	3x230 V ~	340	DN 65 - PN 10	2	1170	295	1	t° 75°C 90°C 110°C 120°C m.t. 4 7,5 - 21		
		3x400 V ~			1	1070	257	0,85			
					3	1380	445	1,2			
		2			1350	403	0,97				
					1	1090	255	0,49			
BPH 60/340.65 M	*DPH 60/340.65 M	1x230 V ~	340	DN 65 - PN 10	3	2780	735	3,37	t° 75°C 90°C 110°C 120°C m.t. 1 4 13 -		
					2	2580	685	3,13			
					1	1460	564	3,12			
BPH 60/340.65 T	*DPH 60/340.65 T	3x230 V ~	340	DN 65 - PN 10	2	2550	582	1,67	t° 75°C 90°C 110°C 120°C m.t. 1 4 - 18		
					1	2380	532	1,53			
		3x400 V ~			3	2850	756	1,5			
					2	2800	705	1,3			
BPH 120/340.65 T	*DPH 120/340.65 T	3x230 V ~	340	DN 65 - PN 10	2	2630	1001	2,85	t° 75°C 90°C 110°C 120°C m.t. 6 9 - 22		
					1	2500	940	2,66			
		3x400 V ~			3	2880	1275	2,64			
					2	2830	1200	2,25			
					1	2520	934	1,52			
BPH 150/340.65 T	*DPH 150/340.65 T	3x230 V ~	340	DN 65 - PN 10	2	2410	1345	3,8	t° 75°C 90°C 110°C 120°C m.t. 7 11 18 -		
					1	2250	1188	3,36			
		3x400 V ~			3	2800	1796	3,25			
					2	2730	1690	2,93			
					1	2250	1210	2			
BPH 180/340.65 T	*DPH 180/340.65 T	3x230 V ~	340	DN 65 - PN 10	2	2330	1730	4,85	t° 75°C 90°C 110°C 120°C m.t. 7 11 18 -		
					1	2100	1570	4,5			
		3x400 V ~			3	2760	2760	4,2			
					2	2680	2330	3,8			
					1	2150	1560	2,5			
BMH 30/360.80 T	*DMH 30/360.80 T	3x230 V ~	360	DN 80 - PN 10	2	1110	313	1,05	t° 75°C 90°C 110°C 120°C m.t. 4 7,5 - 21		
					1	1010	268	0,88			
		3x400 V ~			3	1370	484	1,23			
					2	1330	437	1			
					1	1030	266	0,51			
BMH 60/360.80 T	*DMH 60/360.80 T	3x230 V ~	360	DN 80 - PN 10	2	1180	535	1,82	t° 75°C 90°C 110°C 120°C m.t. 2 5 - 20		
					1	1100	465	1,55			
		3x400 V ~			3	1390	763	2,04			
					2	1350	663	1,65			
					1	1100	465	0,89			
BPH 120/360.80 T	*DPH 120/360.80 T	3x230 V ~	360	DN 80 - PN 10	2	2500	1410	3,95	t° 75°C 90°C 110°C 120°C m.t. 6 10 - 22		
					1	2340	1292	3,6			
		3x400 V ~			3	2830	1820	3,3			
					2	2780	1710	2,93			
					1	2350	1302	2,13			
BPH 150/360.80 T	*DPH 150/360.80 T	3x230 V ~	360	DN 80 - PN 10	2	2140	1984	5,62	t° 75°C 90°C 110°C 120°C m.t. 7 11 18 -		
					1	1900	1695	4,82			
		3x400 V ~			3	2710	2870	4,64			
					2	2610	2686	4,32			
					1	1940	1710	2,85			
BPH 180/360.80 T	*DPH 180/360.80 T	3x230 V ~	360	DN 80 - PN 10	2	2380	1670	4,7	t° 75°C 90°C 110°C 120°C m.t. 7 11 18 -		
					1	2170	1490	4,25			
		3x400 V ~			3	2780	2310	4			
					2	2700	2210	3,5			
					1	2200	1490	2,4			

HYDRAULIC DATA

BMH 30/250.40 T

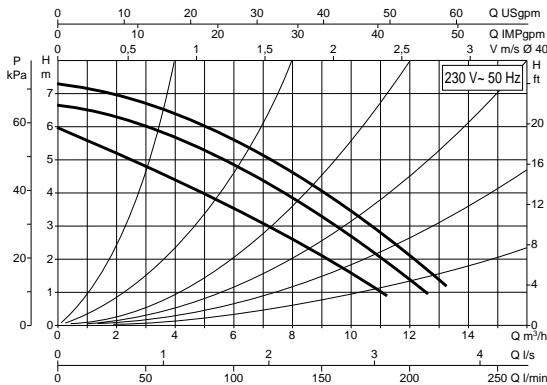


DMH 30/250.40 T

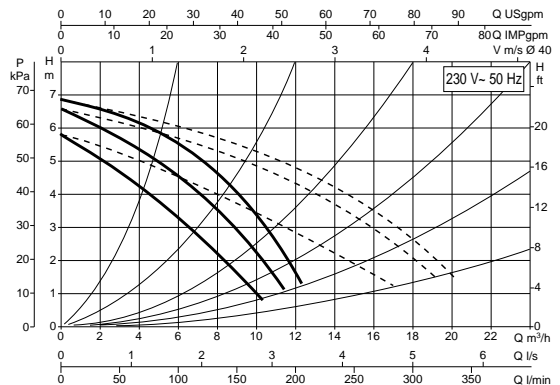


380 V~ - 400 V~

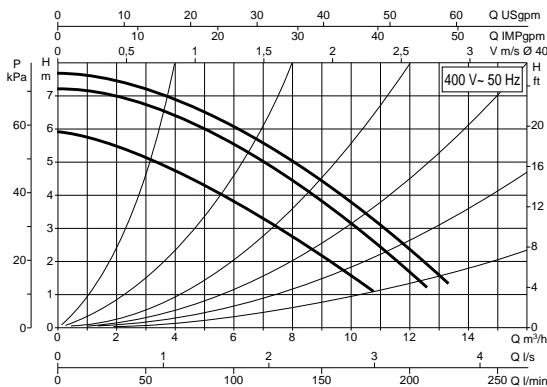
BMH 60/250.40 M



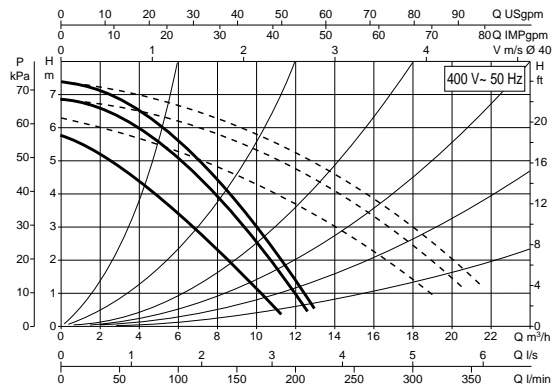
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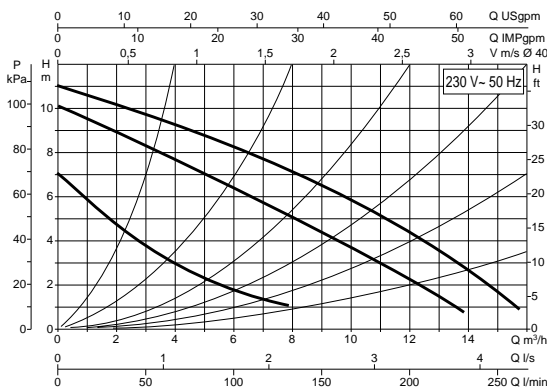
BPH 60/250.40 T



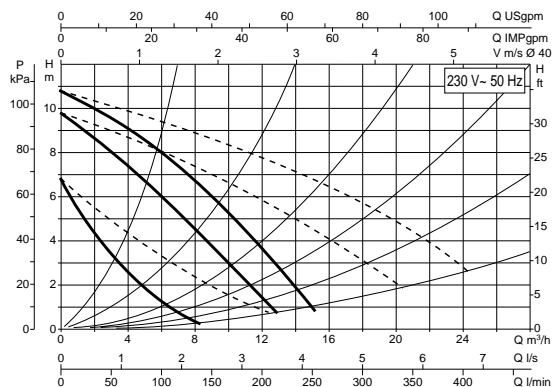
DPH 60/250.40 T



BPH 120/250.40 M

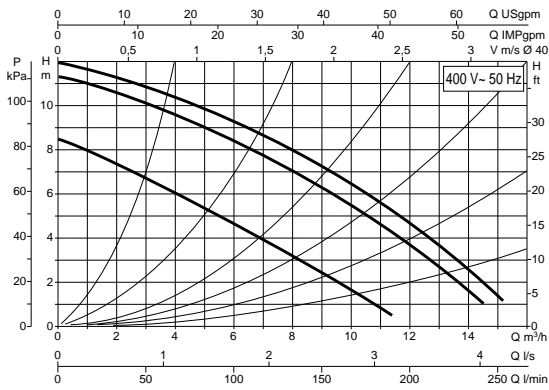


DPH 120/250.40 M



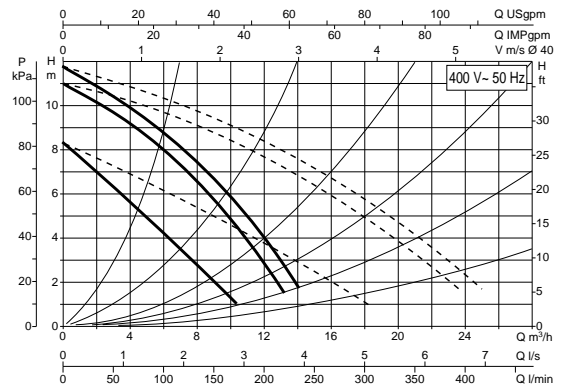
* The hydraulic data for the double versions talk about to an only motor one in operation.

HYDRAULIC DATA BPH 120/250.40 T

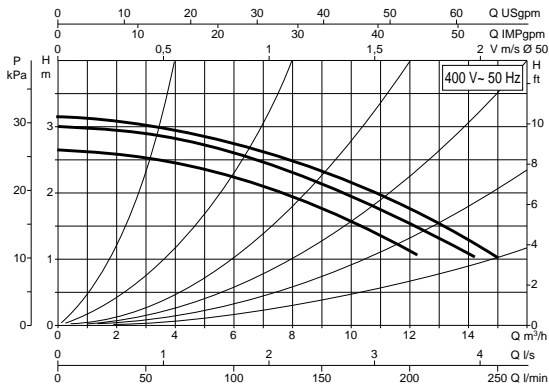


380 V~ - 400 V~

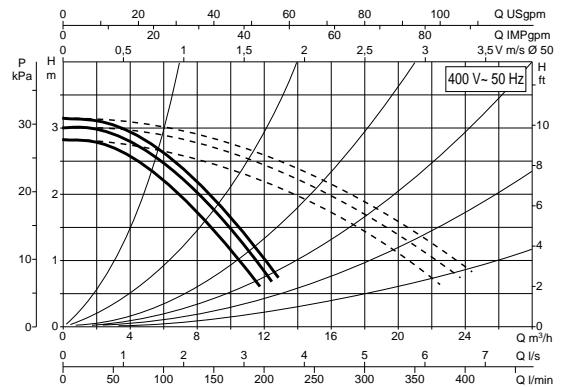
DPH 120/250.40 T



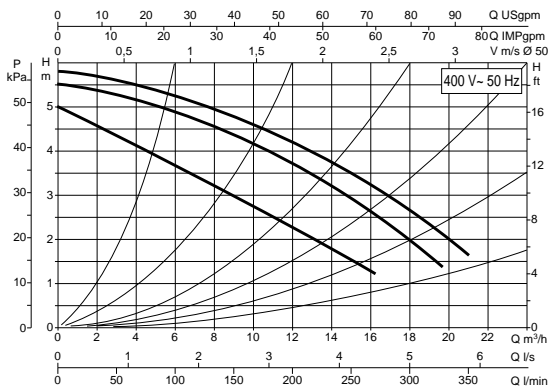
BMH 30/280.50 T



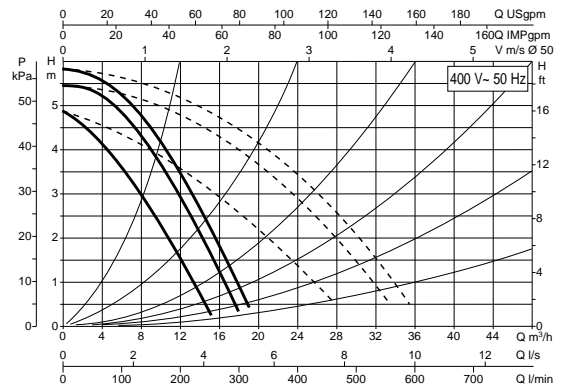
DMH 30/280.50 T



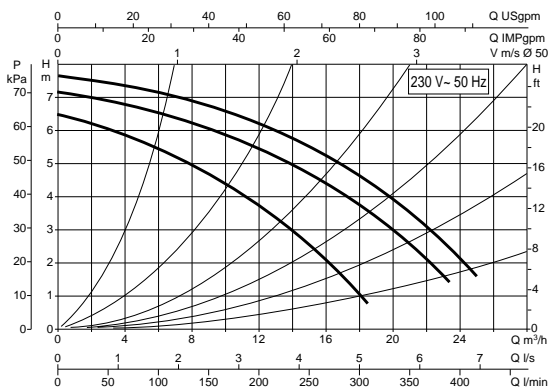
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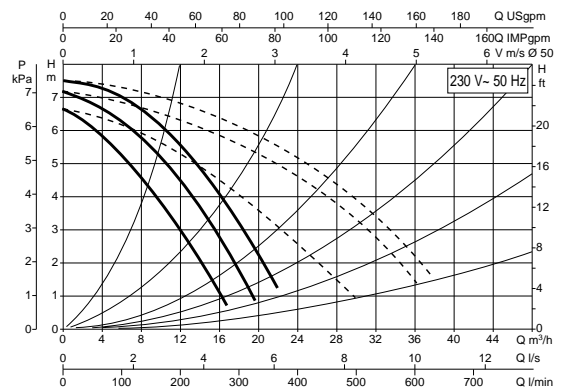
DMH 60/280.50 T



BPH 60/280.50 M



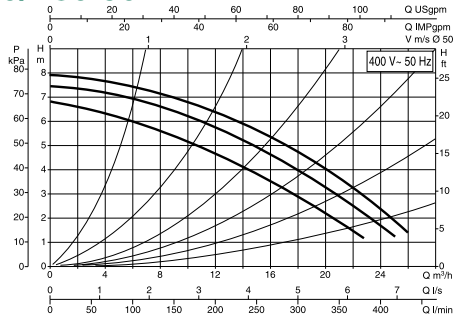
DPH 60/280.50 M



* The hydraulic data for the double versions talk about to an only motor one in operation.

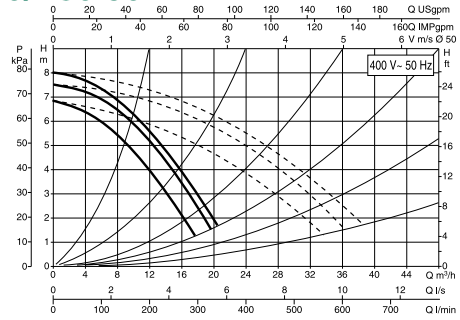
HYDRAULIC DATA

BPH 60/280.50 T

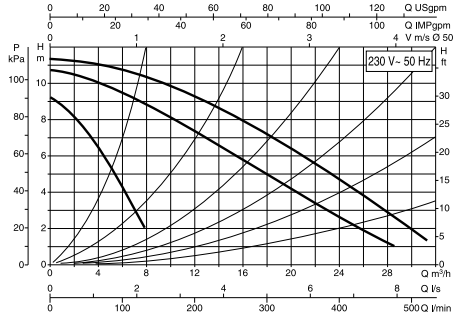


380 V~ - 400 V~

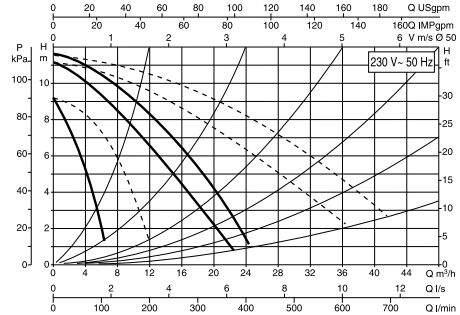
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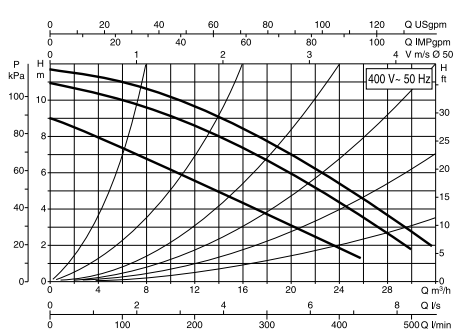
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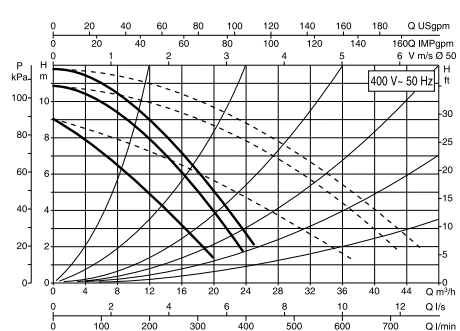
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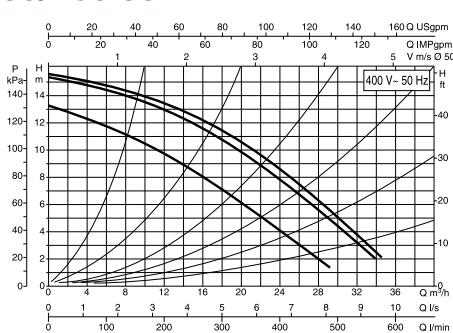
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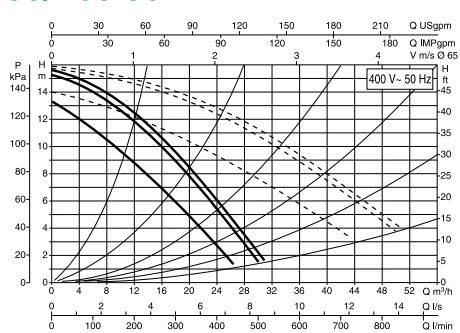
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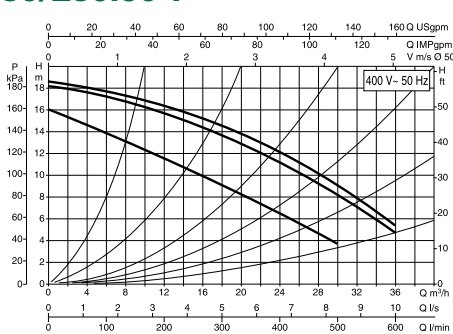
BPH 150/280.50 T



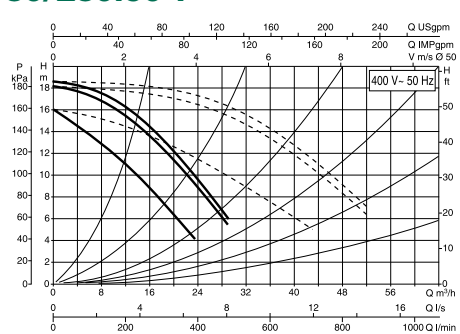
DPH 150/280.50 T



BPH 180/280.50 T



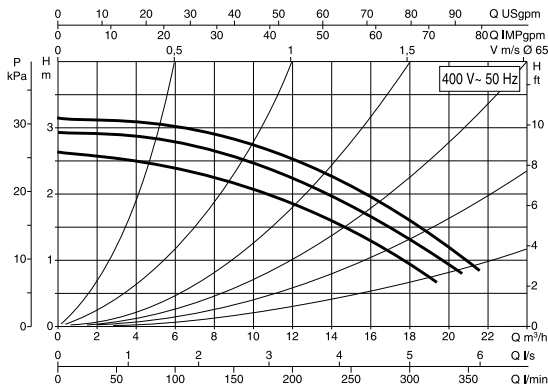
DPH 180/280.50 T



* The hydraulic data for the double versions talk about to an only motor one in operation.

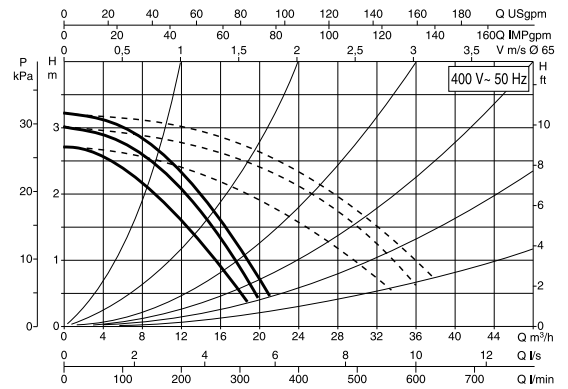
HYDRAULIC DATA

BMH 30/340.65 T

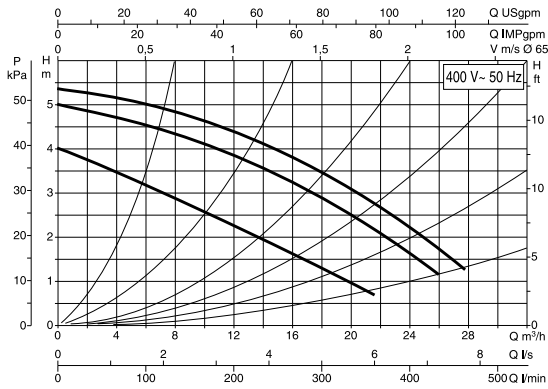


380 V~ - 400 V~

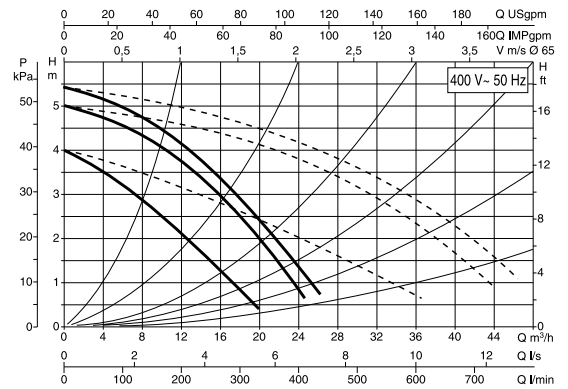
DMH 30/340.65 T



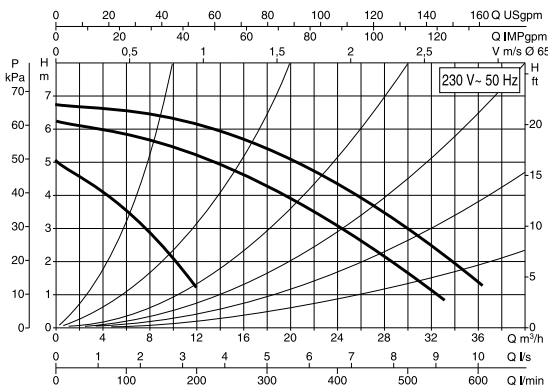
BMH 60/340.65 T



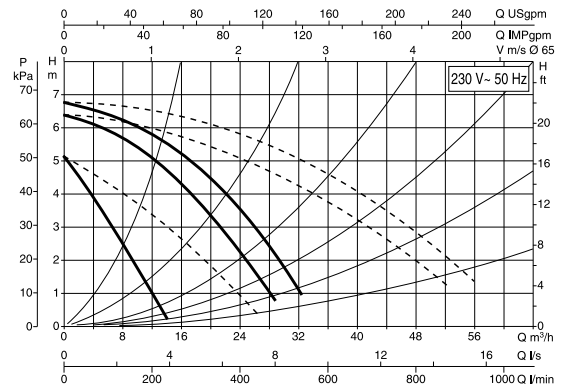
DMH 60/340.65 T



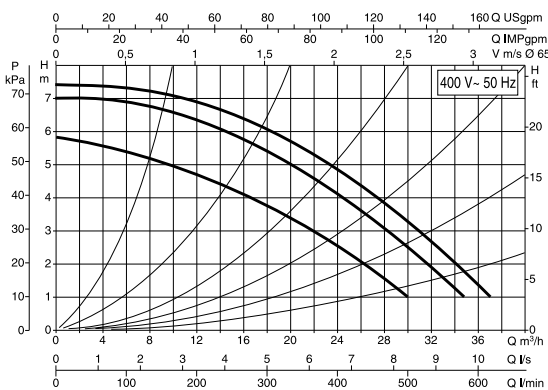
BPH 60/340.65 M



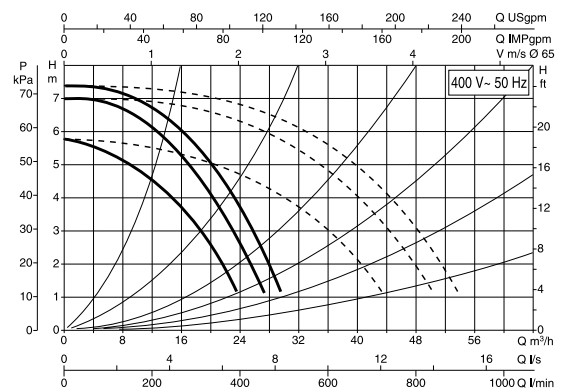
DPH 60/340.65 M



BPH 60/340.65 T



DPH 60/340.65 T



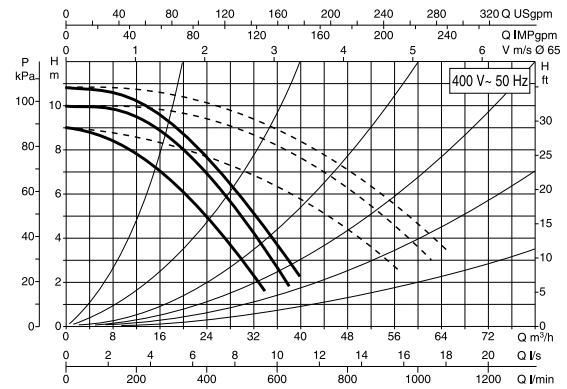
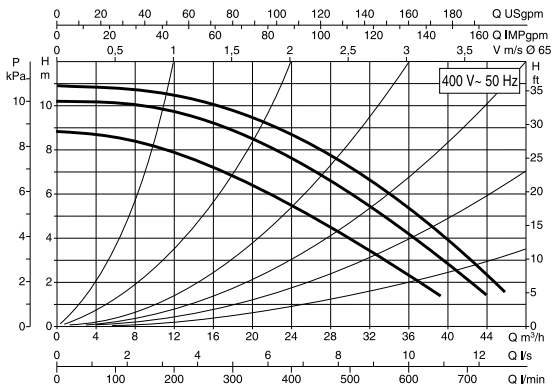
* The hydraulic data for the double versions talk about to an only motor one in operation.

HYDRAULIC DATA

BPH 120/340.65 T

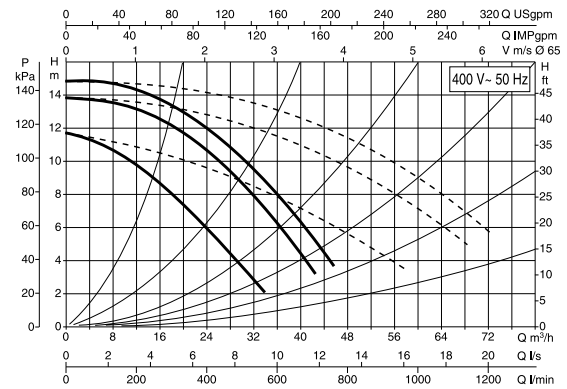
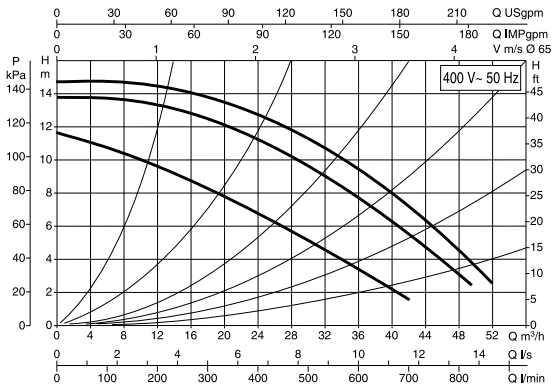
380 V~ - 400 V~

DPH 120/340.65 T



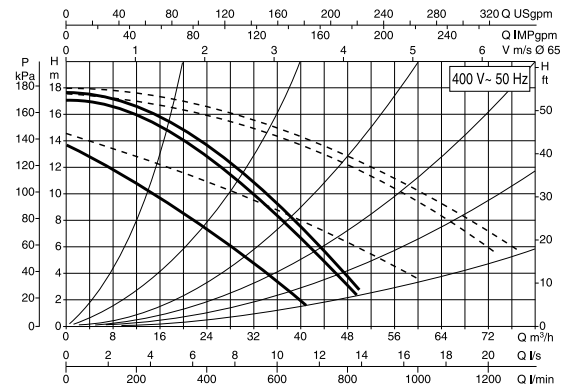
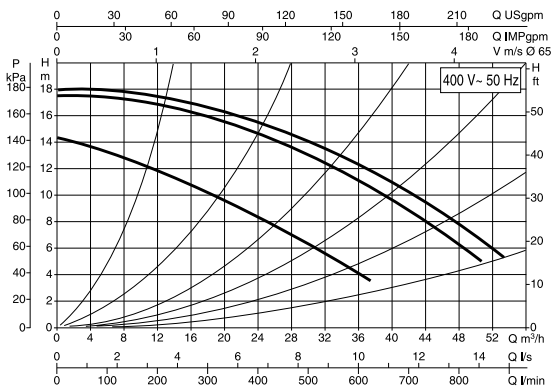
BPH 150/340.65 T

DPH 150/340.65 T



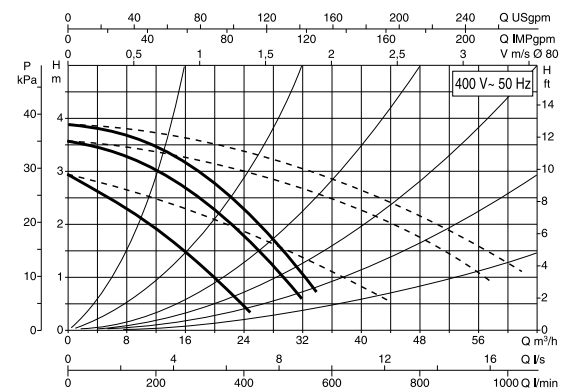
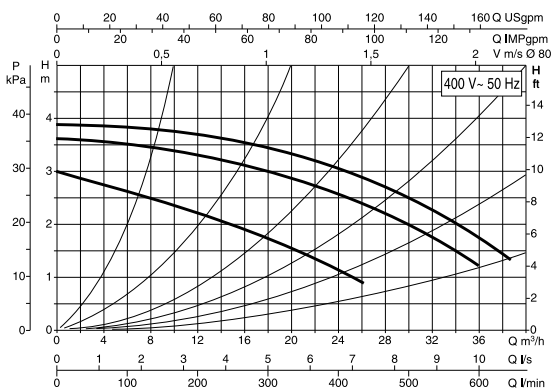
BPH 180/340.65 T

DPH 180/340.65 T



BMH 30/360.80 T

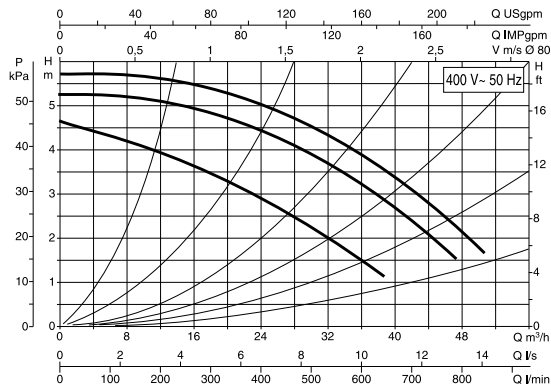
DMH 30/360.80 T



* The hydraulic data for the double versions talk about to an only motor one in operation.

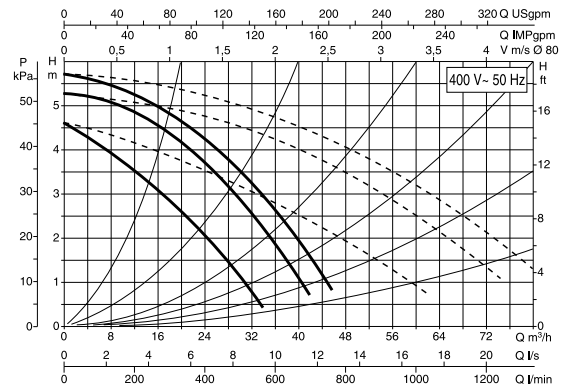
HYDRAULIC DATA

BMH 60/360.80 T

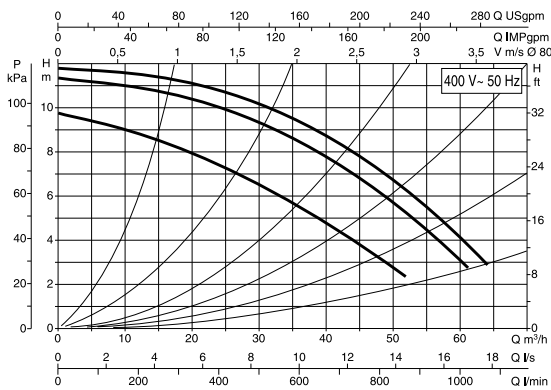


380 V~ - 400 V~

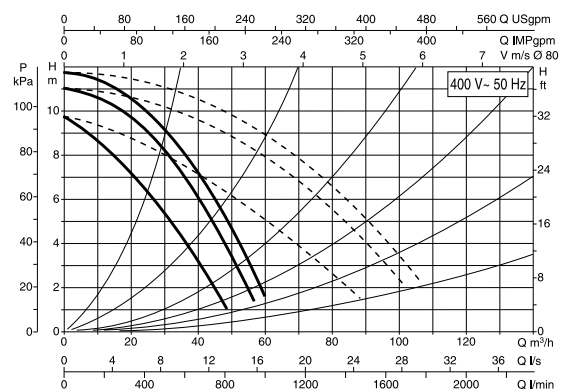
DMH 60/360.80 T



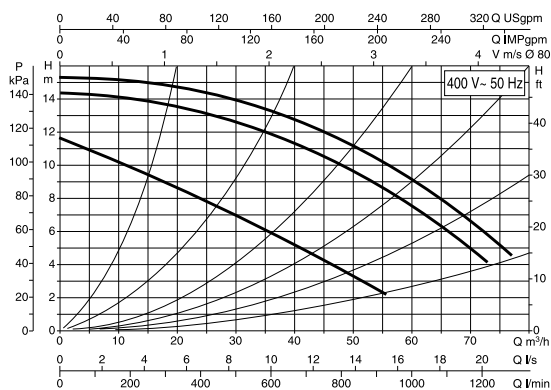
BPH 120/360.80 T



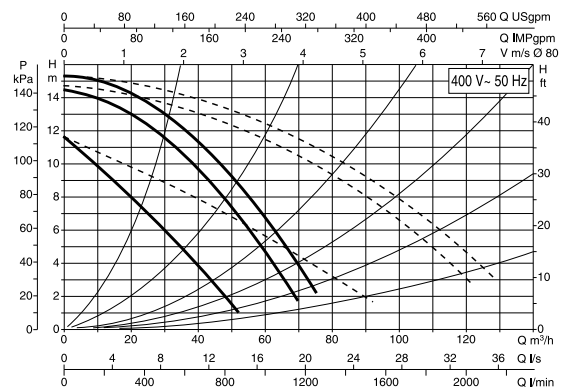
DPH 120/360.80 T



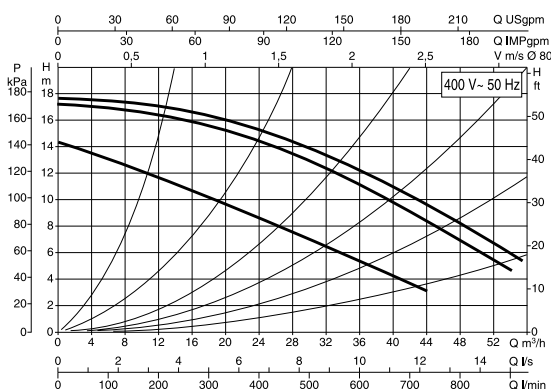
BPH 150/360.80 T



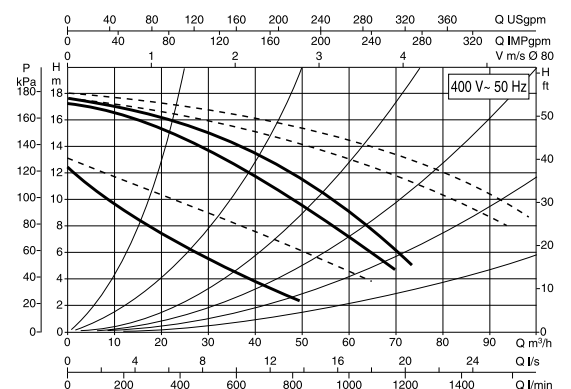
DPH 150/360.80



BPH 180/360.80 T



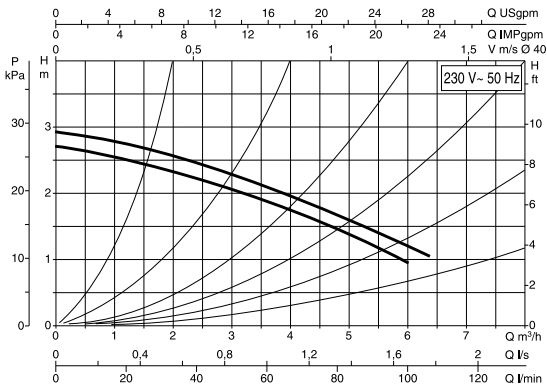
DPH 180/360.80 T



* The hydraulic data for the double versions talk about to an only motor one in operation.

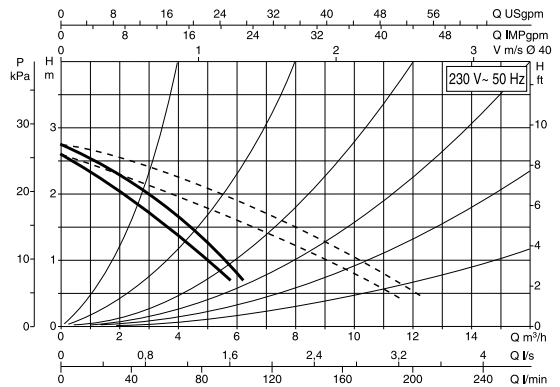
HYDRAULIC DATA

BMH 30/250.40 T

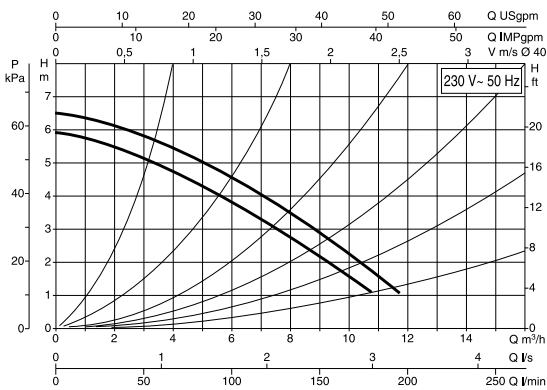


220 V~ - 230 V~

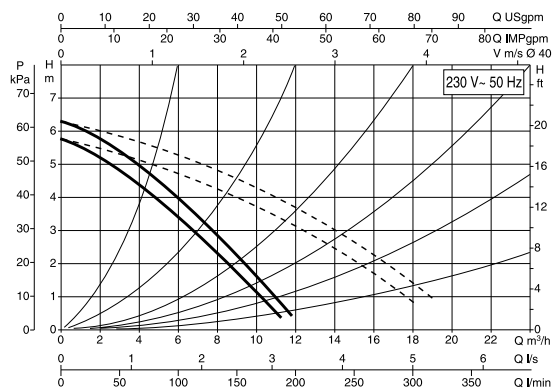
DMH 30/250.40 T



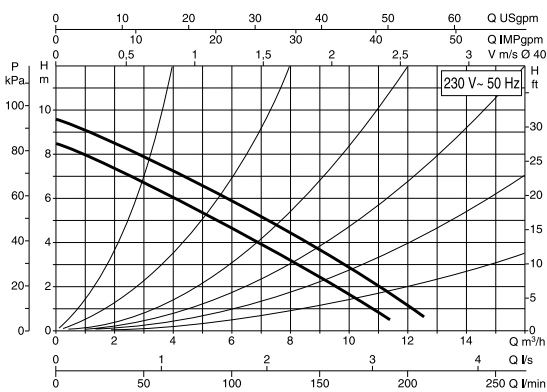
BPH 60/250.40 T



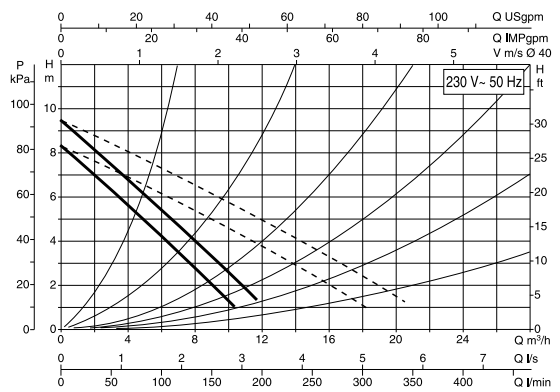
DPH 60/250.40 T



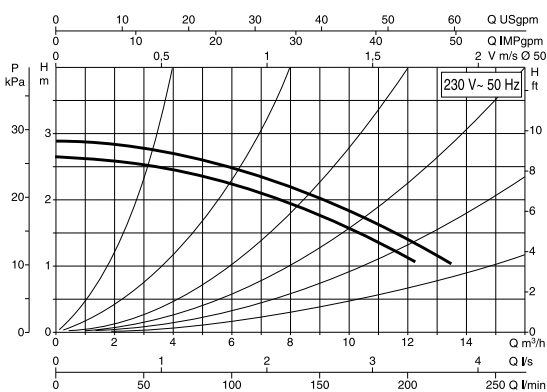
BPH 120/250.40 T



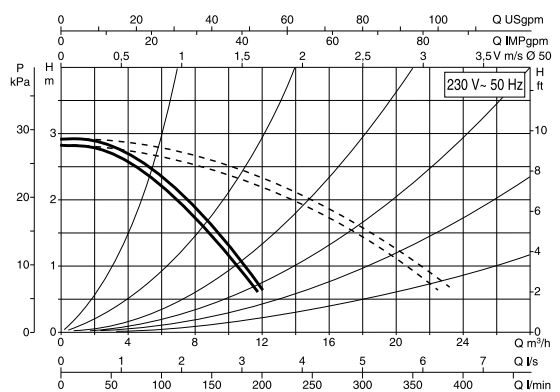
DPH 120/250.40 T



BMH 30/280.50 T



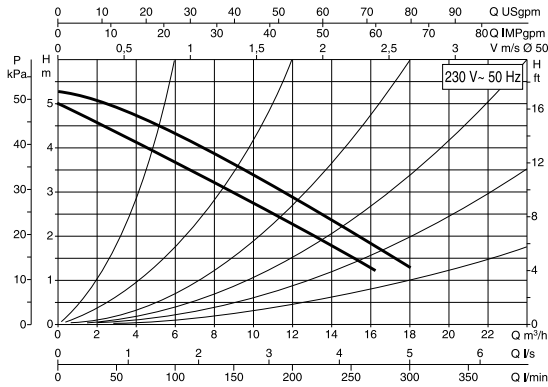
DMH 30/280.50 T



* The hydraulic data for the double versions talk about to an only motor one in operation.

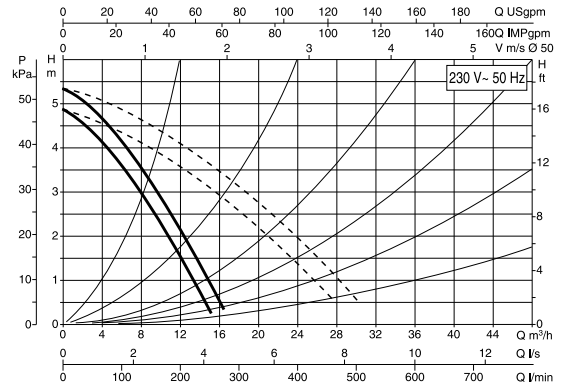
HYDRAULIC DATA

BMH 60/280.50 T

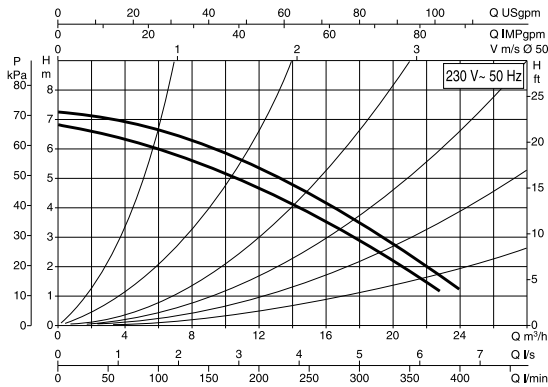


220 V~ - 230 V~

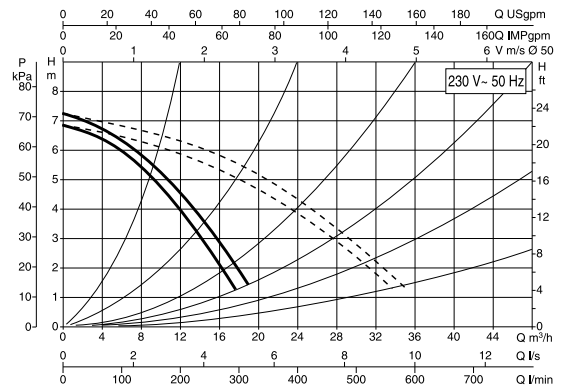
DMH 60/280.50 T



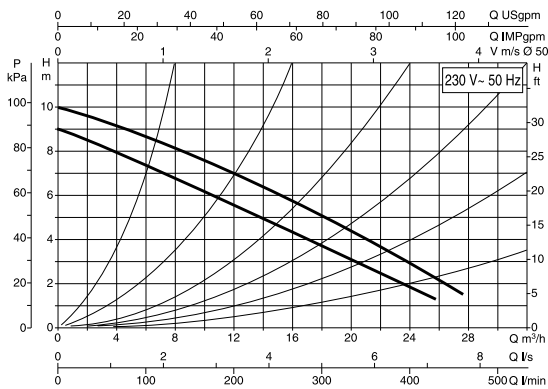
BPH 60/280.50 T



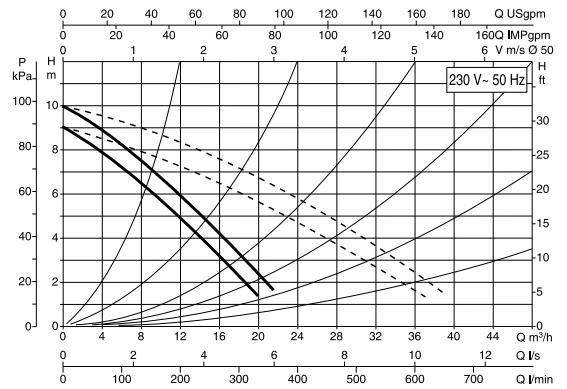
DPH 60/280.50 T



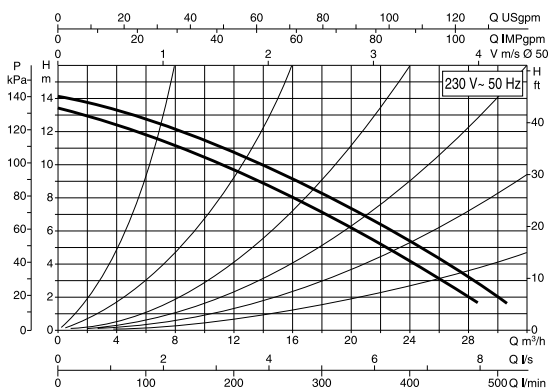
BPH 120/280.50 T



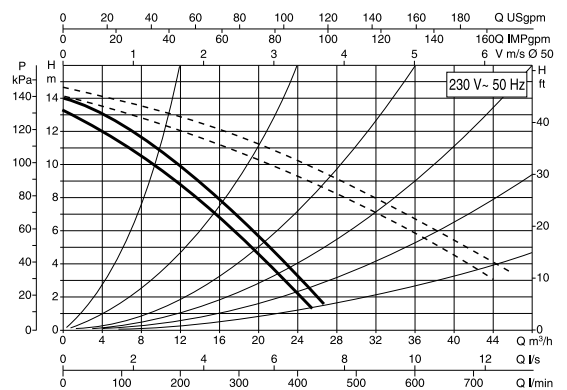
DPH 120/280.50 T



BPH 150/280.50 T



DPH 150/280.50 T



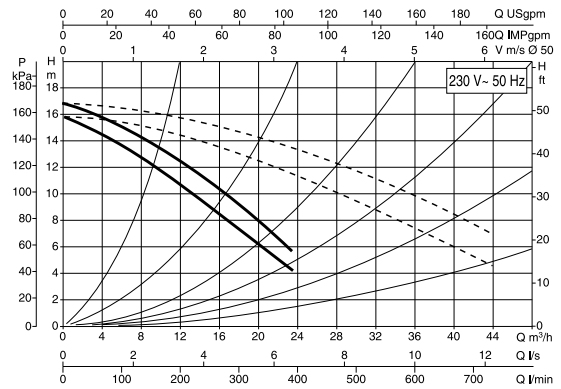
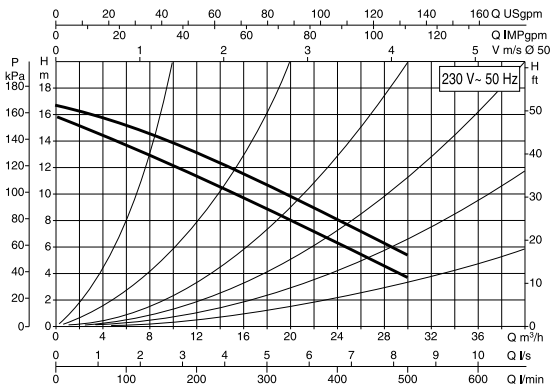
* The hydraulic data for the double versions talk about an only motor one in operation.

HYDRAULIC DATA

BMH 180/280.50 T

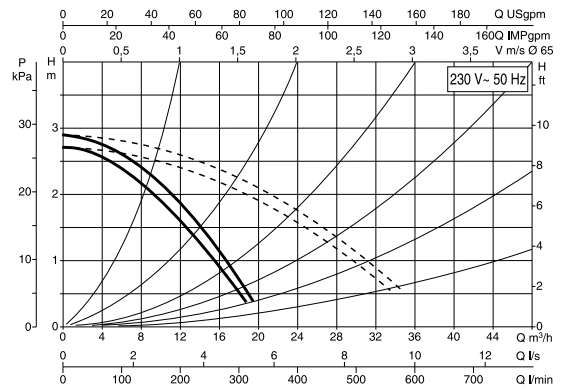
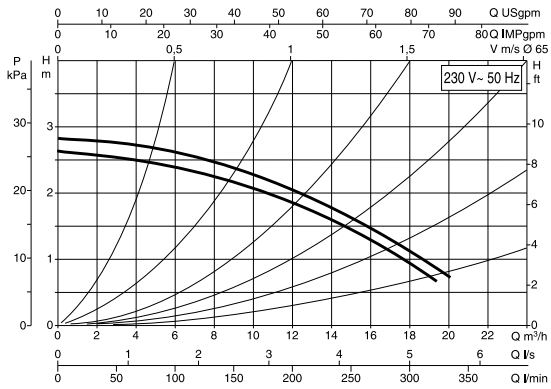
220 V~ - 230 V~

DMH 180/280.50 T



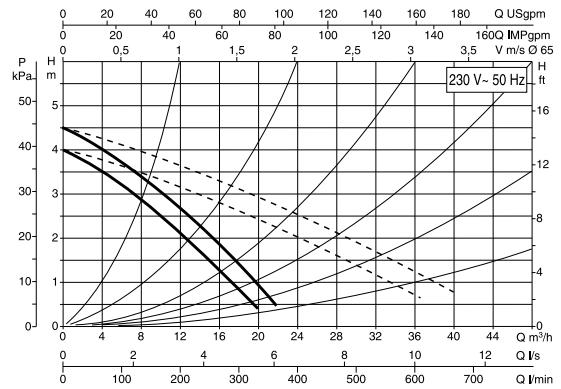
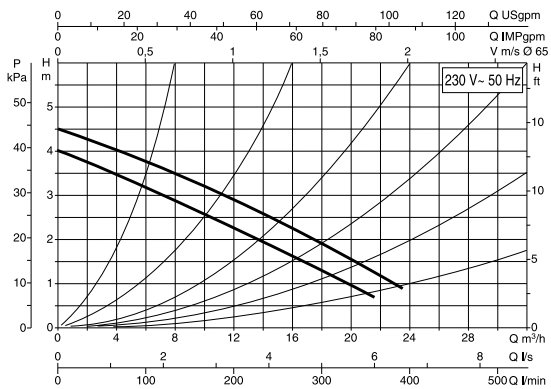
BMH 30/340.65 T

DMH 30/340.65 T



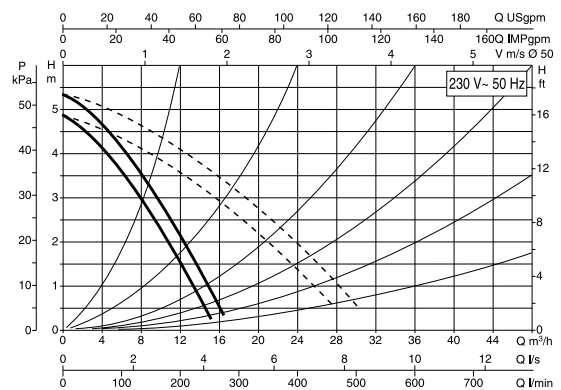
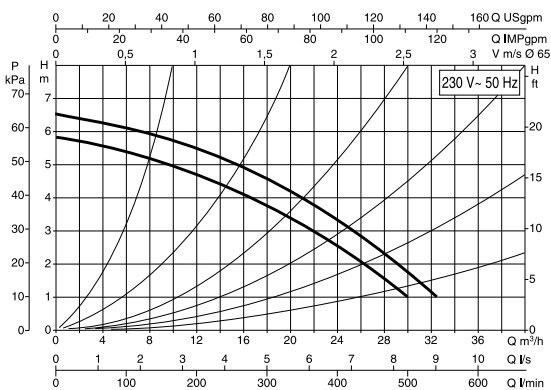
BMH 60/340.65 T

DMH 60/340.65 T



BPH 60/340.65 T

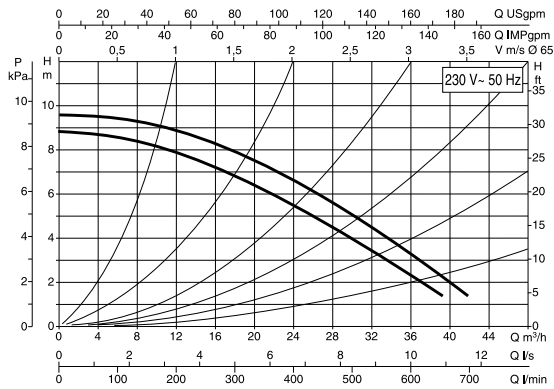
DPH 60/340.65 T



* The hydraulic data for the double versions talk about to an only motor one in operation.

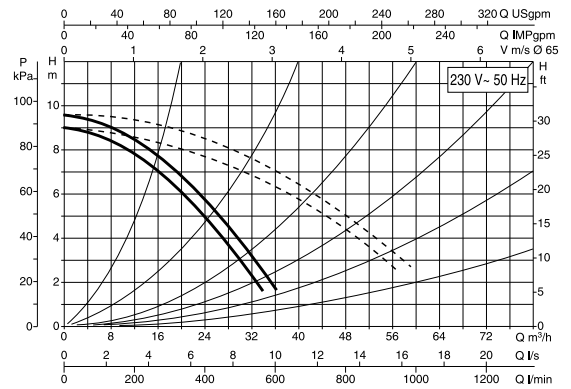
HYDRAULIC DATA

BPH 120/340.65 T

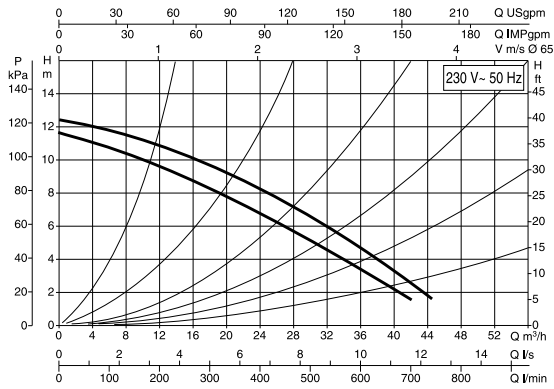


220 V~ - 230 V~

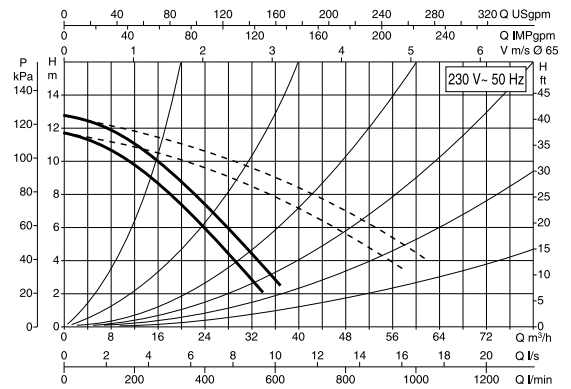
DPH 120/340.65 T



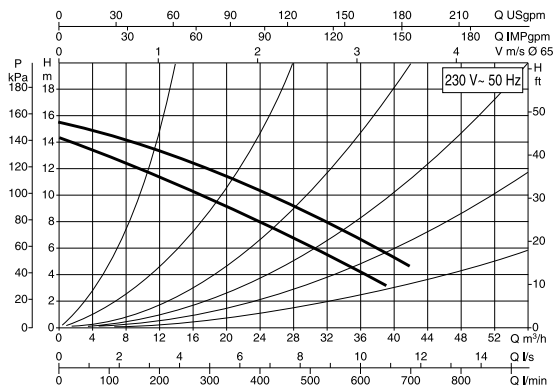
BPH 150/340.65 T



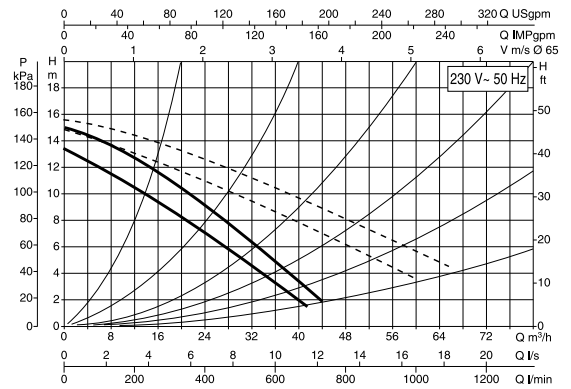
DPH 150/340.65 T



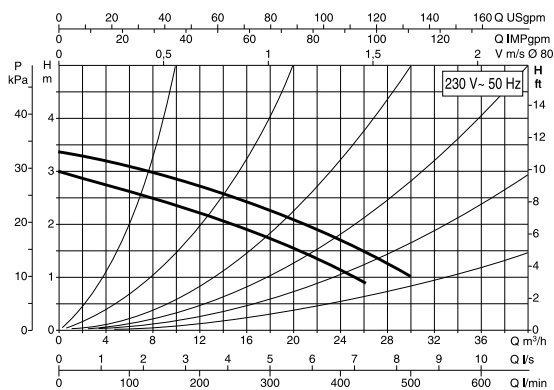
BPH 180/340.65 T



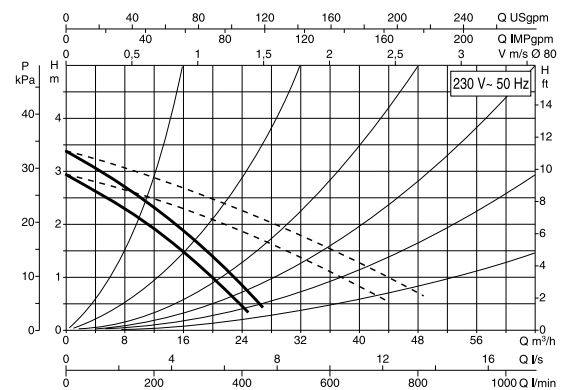
DPH 180/340.65 T



BMH 30/360.80 T



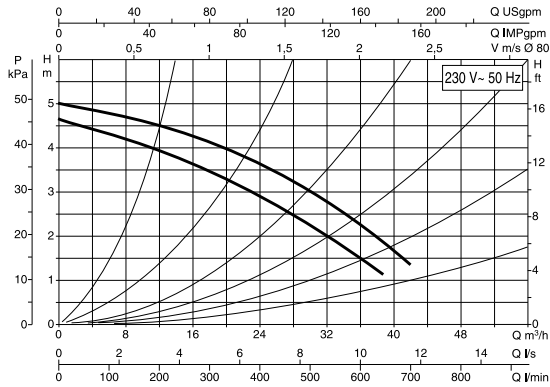
DMH 30/360.80 T



* The hydraulic data for the double versions talk about to an only motor one in operation.

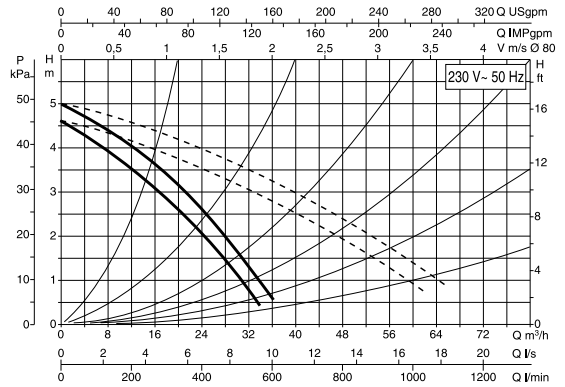
HYDRAULIC DATA

BMH 60/360.80

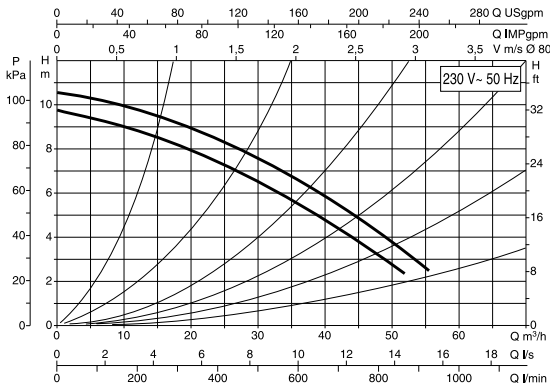


220 V~ - 230 V~

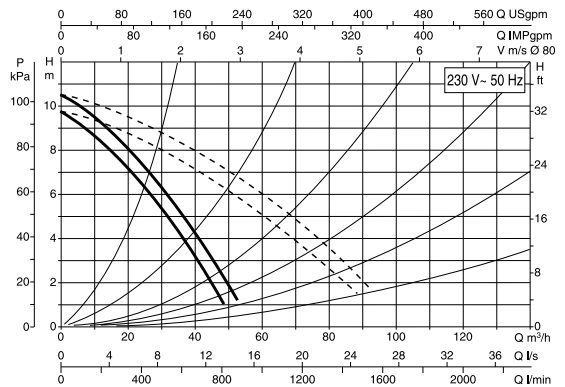
DMH 60/360.80



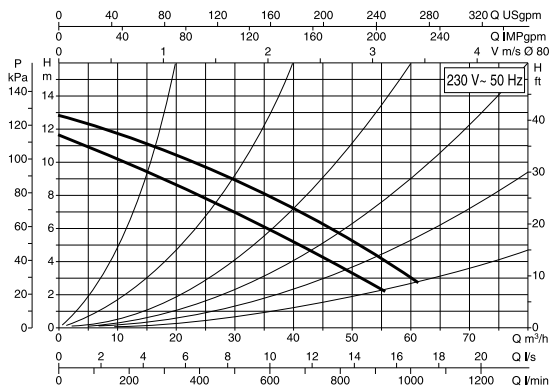
BPH 120/360.80 T



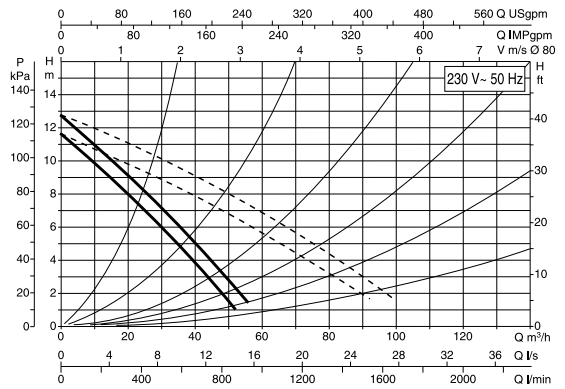
DPH 120/360.80 T



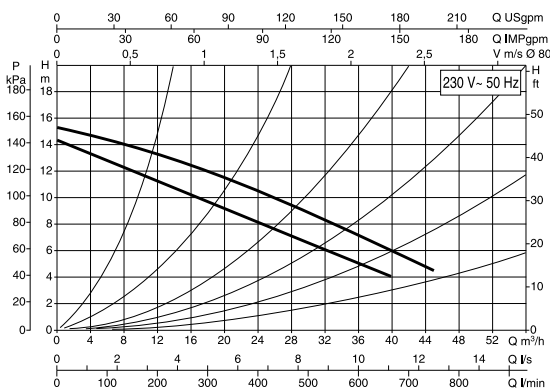
BPH 150/360.80 T



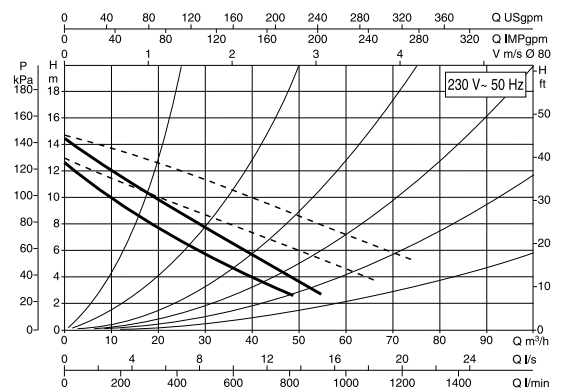
DPH 150/360.80 T



BPH 180/360.80 T



DPH 180/360.80 T

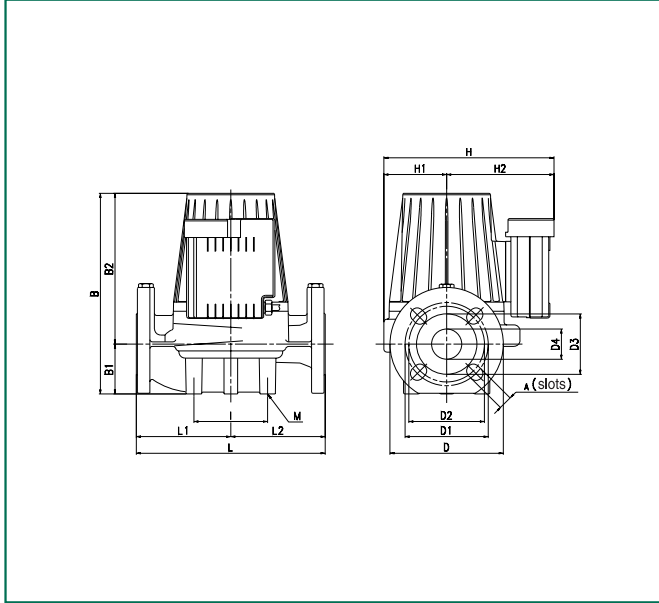


* The hydraulic data for the double versions talk about an only motor one in operation.

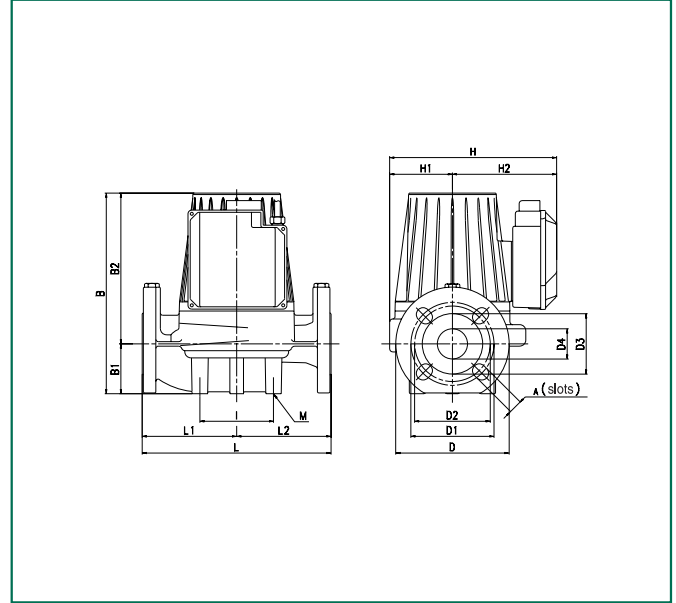
DIMENSIONS AND WEIGHTS

SINGLE WITH FLANGES

BMH - BPH...M



BMH - BPH...T

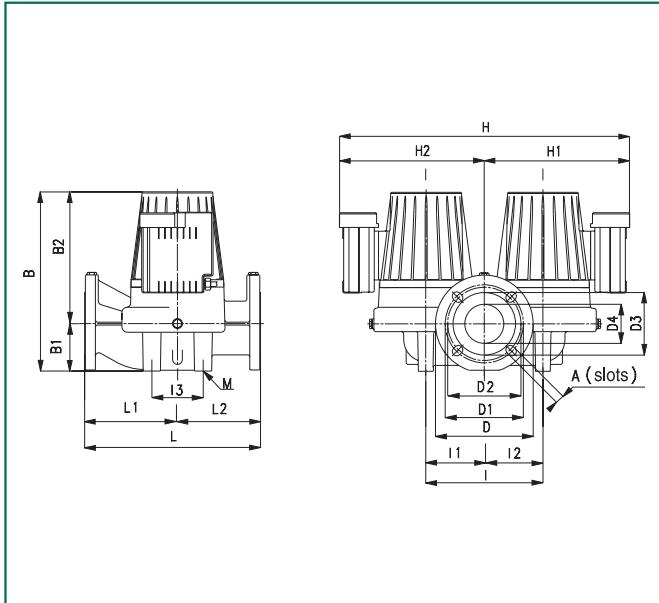


MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	I	M	H	H1	H2	WEIGHT Kg
BMH 30/250.40 T	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5
BPH 60/250.40 M	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5
BPH 60/250.40 T	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5
BPH 120/250.40 M	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5
BPH 120/250.40 T	250	125	125	18	266	66	200	150	110	100	80	40	100	M10	221	83	138	17,5
BMH 30/280.50T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	24
BMH 60/280.50T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	24
BPH 60/280.50 M	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	156	158	24
BPH 60/280.50 T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	156	158	24
BPH 120/280.50 M	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	24
BPH 120/280.50 T	280	140	140	18	312	73	239	165	125	110	90	50	100	M10	254	96	158	26
BPH 150/280.50 T	280	140	140	18	362	73	289	165	125	110	90	50	100	M10	254	96	158	26
BPH 180/280.50 T	280	140	140	18	362	73	289	165	125	110	90	50	100	M10	254	96	158	26
BMH 30/340.65 T	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	27,5
BMH 60/340.65 T	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	27,5
BPH 60/340.65 M	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	27,5
BPH 60/340.65 T	340	170	170	18	334	82	252	185	145	130	110	65	100	M12	259	100	159	30,5
BPH 120/340.65 T	340	170	170	18	384	82	302	185	145	130	110	65	100	M12	259	100	159	32,5
BPH 150/340.65 T	340	170	170	18	384	82	302	185	145	130	110	65	100	M12	259	100	159	32,5
BPH 180/340.65 T	340	170	170	18	384	82	302	185	145	130	110	65	100	M12	259	100	159	32,5
BMH 30/360.80 T	360	170	190	18	354	97	254	200	160	150	130	80	115	M12	297	100	159	31
BMH 60/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40
BPH 120/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40
BPH 150/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40
BPH 180/360.80 T	360	170	190	18	404	97	307	200	160	150	130	80	115	M12	259	100	159	40

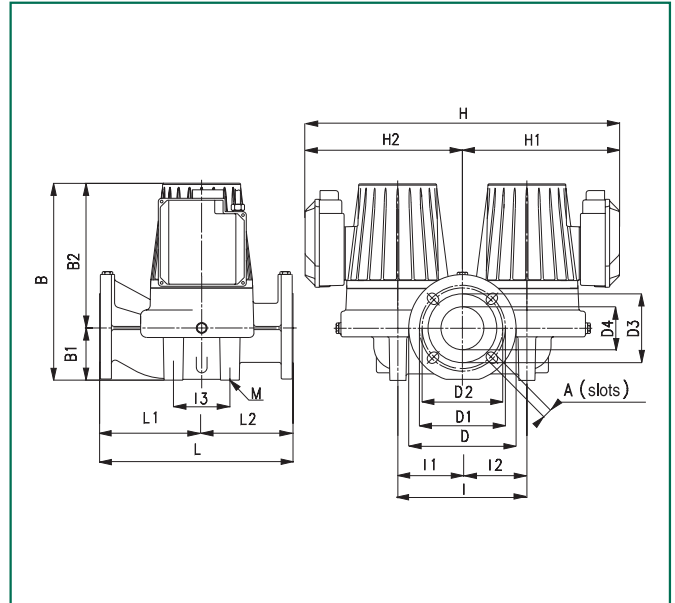
DIMENSIONS AND WEIGHTS

TWIN WITH FLANGES

DMH - DPH...M



DMH - DPH...T



MODEL	L	L1	L2	A	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	WEIGHT Kg
DMH 30/250.40 T	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32
DPH 60/250.40 M	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32
DPH 60/250.40 T	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32
DPH 120/250.40 M	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32
DPH 120/250.40 T	250	105	145	18	271	66	205	150	110	100	80	40	200	100	100	100	M12	476	238	238	32
DMH 30/280.50 T	280	130	150	18	305	73	232	165	125	110	90	50	240	120	120	120	M14	552	276	276	51,5
DMH 60/280.50 T	280	130	150	18	305	73	235	165	125	110	90	50	240	120	120	120	M14	556	278	278	44,5
DPH 60/280.50 M	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	554	278	278	44,5
DPH 60/280.50 T	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	554	278	278	44,5
DPH 120/280.50 M	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	556	278	278	44,5
DPH 120/280.50 T	280	130	150	18	308	73	235	165	125	110	90	50	240	120	120	120	M14	556	278	278	49
DPH 150/280.50 T	280	130	150	18	358	73	285	165	125	110	90	50	240	120	120	120	M14	556	278	278	49
DPH 180/280.50 T	280	130	150	18	358	73	285	165	125	110	90	50	240	120	120	120	M14	556	278	278	49
DMH 30/340.65 T	340	138,5	201,5	18	328	82	246	185	145	130	110	65	240	120	120	140	M14	476	238	238	57
DMH 60/340.65 T	340	138,5	201,5	18	331	82	249	185	145	130	110	65	240	120	120	140	M14	476	238	238	50
DPH 60/340.65 M	340	138,5	201,5	18	331	82	249	185	145	130	110	65	240	120	120	140	M14	476	238	238	50
DPH 60/340.65 T	340	138,5	201,5	18	331	82	249	185	145	130	110	65	240	120	120	140	M14	476	238	238	54,5
DPH 120/340.65 T	340	138,5	201,5	18	381	82	299	185	145	130	110	65	240	120	120	140	M14	476	238	238	59
DPH 150/340.65 T	340	138,5	201,5	18	381	82	299	185	145	130	110	65	240	120	120	140	M14	476	238	238	59
DPH 180/340.65 T	340	138,5	201,5	18	381	82	299	185	145	130	110	65	240	120	120	130	M14	476	238	238	59
DMH 30/360.80 T	360	160	200	18	345	97	248	200	160	150	130	80	240	120	120	150	M14	480	240	240	54,5
DMH 60/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72
DPH 120/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72
DPH 150/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72
DPH 180/360.80 T	360	160	200	18	390	97	298	200	160	150	130	80	240	120	120	150	M14	480	240	240	72