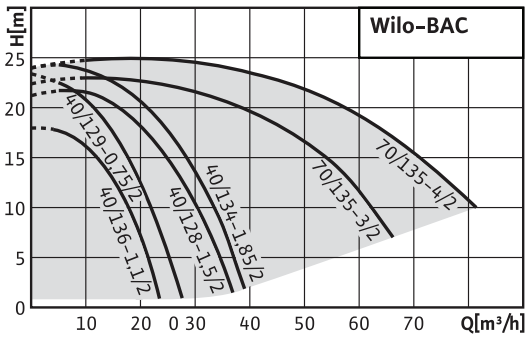
Wilo-BAC





Dizayn

Dişli veya Victaulic bağlantılı, kuru rotorlu(salmastralı), monoblok tip pompa

Uygulama

Soğutma ve iklimlendirme uygulamalarında su-glikol karışımları (glikol oranı %20-40 ve akışkan sıcaklığı ≤ 40°C)

Pompa Kodlaması

Örnek : **BAC 40/128-1.5/2-S**

BAC	Blok pompa
40/128	Çark tipi
1.5	Nominal motor gücü P_2, kW
2	Kutup sayısı
S	Dişli bağlantı
(**R**	Victaulic bağlantı)

Ürün Özellikleri / Faydalar

• Plastik pompa gövdesi

• Optimize edilmiş verim ile düşük ömür boyu maliyet

• Dökme demir parçalarda kataforez kaplama ile yüksek korozyon dayanımı

• Çift yönlü, cebri soğutmalı standart tip mekanik salmastra

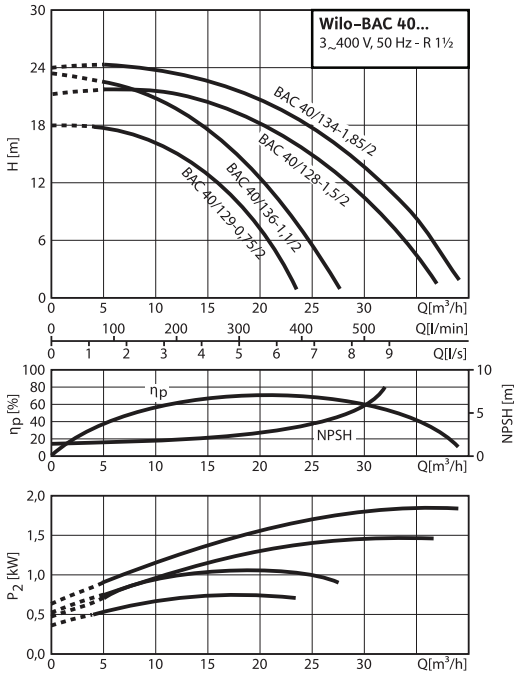
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-BAC Teknik Özellikler

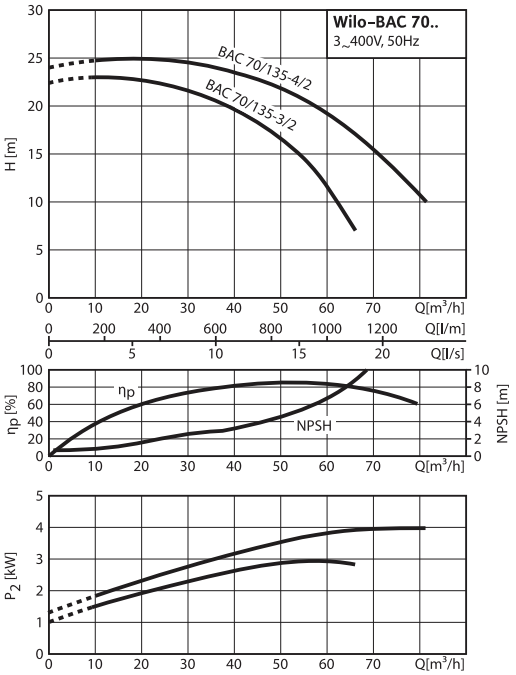
	Wilo-BAC...-S (Dişli bağlantılı)	Wilo-BAC...-R (Victaulic bağlantılı)
İzin Verilen Akışkanlar (diğer akışkanlar için danışınız)		
VDI 2035'e uygun ısıtma suyu	–	
Su-glikol karışımları (glikol oranı %20-40 ve akışkan sıcaklığı ≤ 40°C)	•	
Soğuk su	–	
Isı transfer yağı	–	
Çalışma Değerleri		
Standart Versiyon için maksimum çalışma basıncı [bar]	6	
Sıcaklık Aralığı [°C]	-15 – +60	
Maksimum ortam sıcaklığı [°C]	40	
İç ortamda montaj	•	
Dış ortamda montaj	–	
Bağlantılar		
Nominal bağlantı çapı DN	Giriş G2" Çıkış G 1½"	Giriş Ø60.3 (BAC40), Ø73 (BAC70) Çıkış Ø48.3 (BAC40), Ø73 (BAC70)
Malzemeler		
Pompa gövdesi	PA 6.6, %50 cam yünlü	
Laterna	PA 6.6, %50 cam yünlü	
Çark (standart)	GFN 3	
Çark (özel versiyon)	-	
Pompa mili	X30Cr13	
Mekanik salmastra	Sentetik reçine emprenyeli karbon/alüminyum oksit/EPDM	
Diğer mekanik salmastralar	–	
Elektrik bağlantıları		
Voltaj	3~400 V, 50 Hz	
Hız [d/d]	2900	
Motor		
Entegre tam motor koruması	Özel versiyon: PTC termistör sensör (TRS)	
Koruma sınıfı	IP 54	
Yalıtım sınıfı	F	
Motor sargıları ≤3 kW	230 V Δ/400 V Y, 50 Hz	
Motor sargıları ≥ 4 kW	400 V Δ/690 V Y, 50 Hz	

Wilo-BAC Karakteristik Eğriler

Wilo-BAC 40...



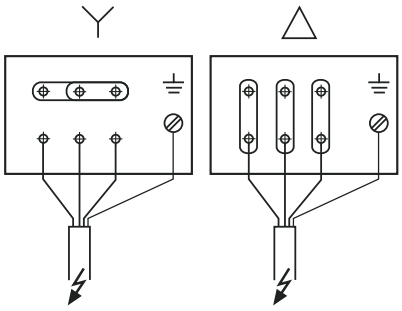
Wilo-BAC 70...



Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-BAC Bağlantı Şemaları, Motor Bilgileri

Bağlantı şeması

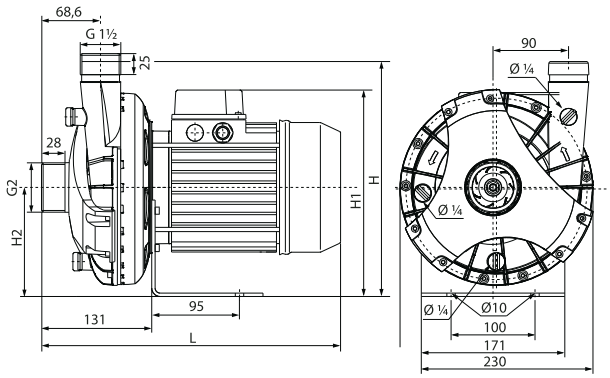


Motor bilgileri

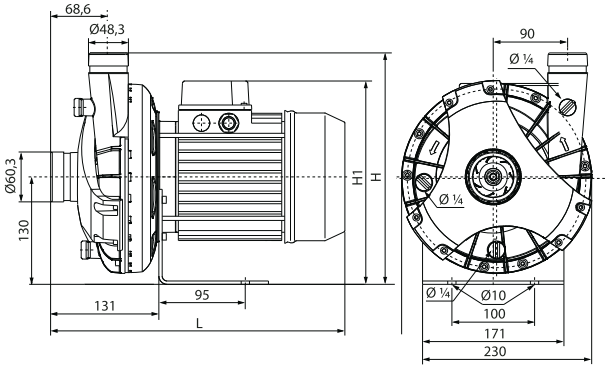
Wilo-BAC ...	Nominal Motor Gücü	Nominal Akım (yaklaşık)		Kablo Bağlantı Rakorları
	P_2	I_N1~230 V	I_N3~400 V	–
	[kW]	[A]		[PG]
40/128-1.50/2-S	1.5	5.9	3.9	1x13.5
40/128-1.50/2-R	1.5	5.9	3.9	1x13.5
40/129-0.75/2-S	0.75	3.22	1.85	1x11
40/129-0.75/2-R	0.75	3.22	1.85	1x11
40/134-1.85/2-S	1.85	8.02	4.61	1x13.5
40/134-1.85/2-R	1.85	8.02	4.61	1x13.5
40/136-1.10/2-S	1.1	4.64	2.67	1x11
40/136-1.10/2-R	1.1	4.64	2.67	1x11
70/135-3.0/2-S	3	11	6.4	1x13.5
70/135-4.0/2-S	4	14.3	8.3	1x13.5

Wilo-BAC Ölçüler, Ağırlıklar

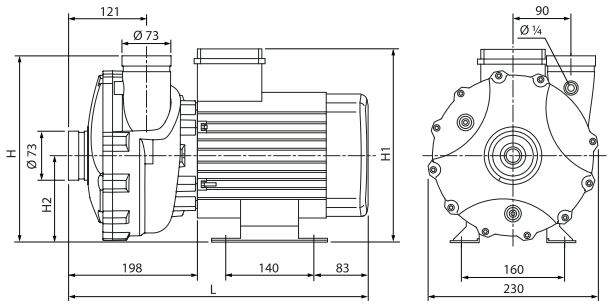
Pompa Ölçülü Resmi A



Pompa Ölçülü Resmi B



Pompa Ölçülü Resmi C



Ölçüler, Ağırlıklar

Wilo-BAC ...	Ölçüler				Ağırlık (yaklaşık)	Pompa Ölçülü Resmi
	H	H_1	H_2	L	M	–
	[mm]				[kg]	–
40/128-1.50/2-S	280	246	130	356	13.8	A
40/128-1.50/2-R	280	246	130	356	13.8	B
40/129-0.75/2-S	280	235	130	347	10.4	A
40/129-0.75/2-R	280	235	130	347	10.4	B
40/134-1.85/2-S	280	246	130	356	15.4	A
40/134-1.85/2-R	280	246	130	356	15.4	B
40/136-1.10/2-S	280	235	130	347	12.7	A
40/136-1.10/2-R	280	235	130	347	12.7	B
70/135-3.0/2-S	291	300	135	463	24.5	C
70/135-4.0/2-S	291	300	135	463	26.5	C

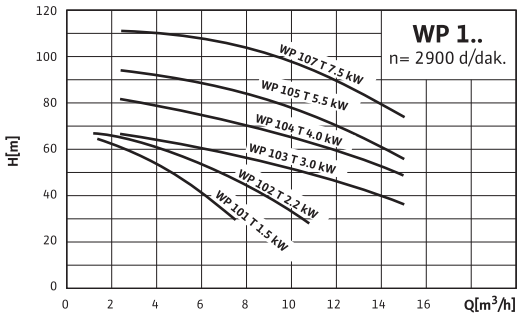
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

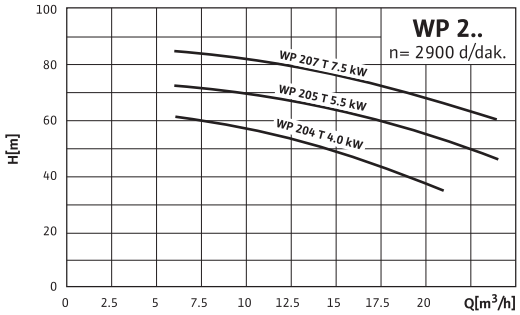


Wilo BAC

Wilo-WP







Dizayn

Dişli bağlantılı, salmastralı, çift kademeli monoblok tip pompa

Uygulama

Su temini, basınçlandırma

Yangın söndürme suyu transferi

Partikül ve lif içermeyen, pompa malzemesi ile uyumlu diğer düşük viskoziteli akışkanlar (lütfen danışınız)

Pompa Kodlaması

Örnek : **WP 101-1.5/2**

WP	Çift kademeli monoblok pompa
101	Model numarası
1.5	Nominal motor gücü P_2, kW
2	Kutup sayısı

Ürün Özellikleri / Faydalar

- Çift kademeli hidrolik ile yüksek basınç sağlayabilme
- Kompakt ve sağlam yapı şekli
- Sessiz çalışma

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-WP Teknik Özellikler

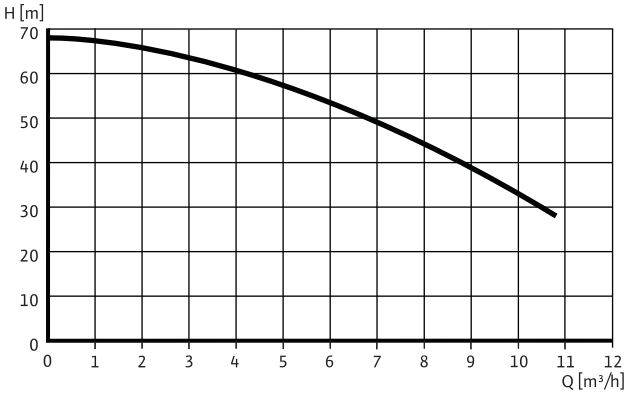
	Wilo-WP
Maksimum çalışma basıncı	16 bar
Maksimum akışkan sıcaklığı	90°C
Maksimum ortam sıcaklığı	40°C
Bağlantılar	1"-2" dişli
Malzemeler	
Pompa gövdesi	EN-GJ-250
Çark	Prinç
Pompa mili	1.4104
Sızdırmazlık	Mekanik salmastra Seramik-karbon-NBR
Motor	
Hız	2900 d/d
Koruma Sınıfı	IP44
Yalıtım Sınıfı	F
Elektrik bağlantısı	3~, 400 V, 50 Hz
Motor sargıları	P_2 ≤4kW 230VΔ/400VY,50 Hz P_2 >4kW 400VΔ/690VY,50 Hz

Wilo–WP Karakteristik Eğriler

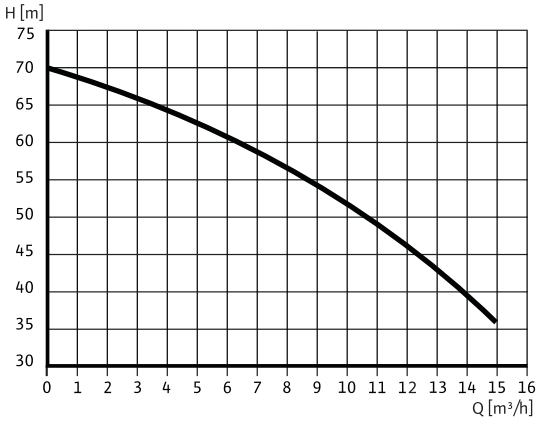
WP101 T 1.5 kW



WP102 T 2.5 kW



WP 103 T 3.0 kW



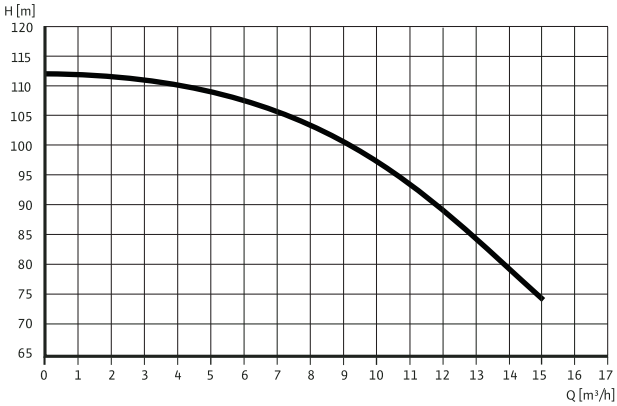
WP104 T 4.0 kW



WP 105 T 5.5 kW



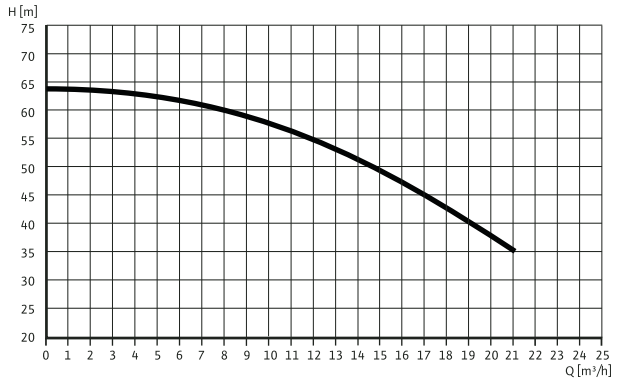
WP107 T 7.5 kW



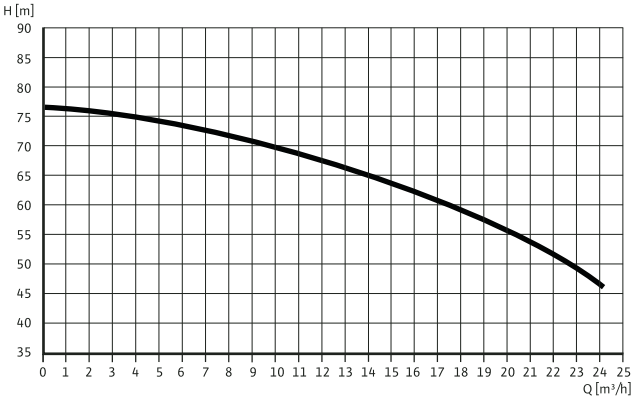
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-WP Karakteristik Eğriler

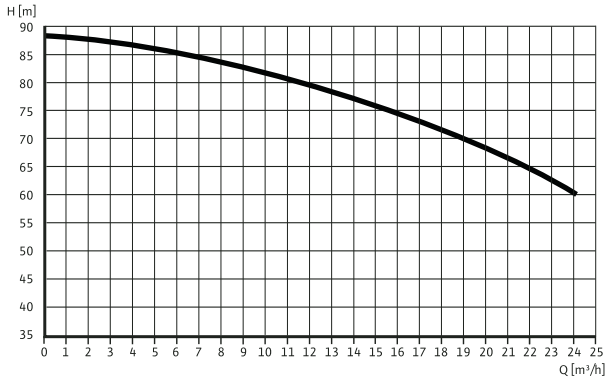
WP204 T 4.0 kW



WP 205 T 5.5 kW



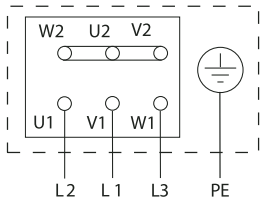
WP 207 T 7.5 kW



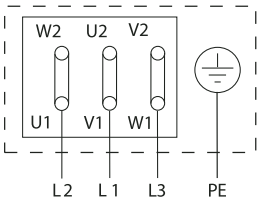
Wilo-WP Bağlantı Şemaları, Motor Bilgileri

Bağlantı şeması

Y resim



Δ resim



Motor koruma svici kullanılmalıdır. Dönüş yönü kontrol edilmelidir. Dönüş yönünü değiştirmek için, herhangi iki fazı yer değiştirin

$P_2 \leq 4$ kW	3~400V Y
	3~230V Δ
$P_2 > 4$ kW	3~690V Y
	3~400V Δ

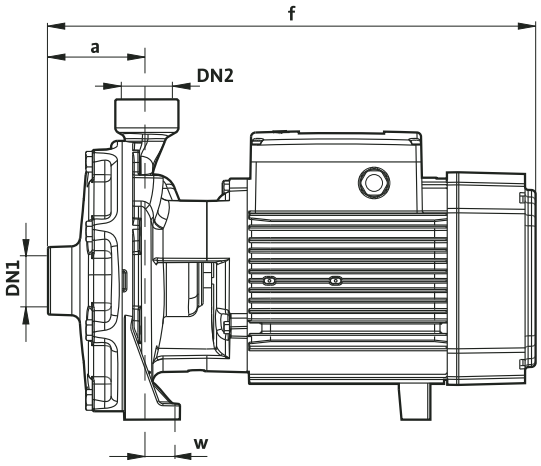
Köprüler kaldırılarak, Y- Δ kalkış mümkündür.

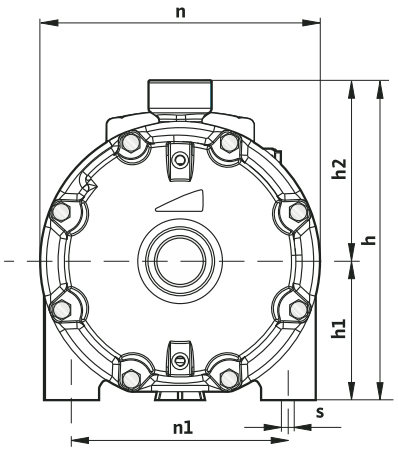
Motor Bilgileri

Wilo-WP ...	Motor Hızı	Nominal Motor Gücü	Nominal Akım (yaklaşık)
	n	P_2	I_N 3~400V
	[d/d]	[kW]	[A]
101	2900	1.5	4.6
102	2900	2.2	5.4
103	2900	3	7.4
104	2900	4	10.5
105	2900	5.5	12.5
107	2900	7.5	16
204	2900	4	9.8
205	2900	5.5	12.3
207	2900	7.5	15.4

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-WP Bağlantı Şemaları, Motor Bilgileri

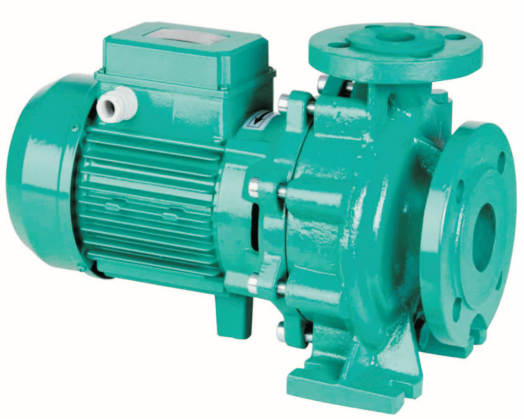




Ölçüler, Ağırlıklar

Wilo-WP ...	Nominal Çap		Ölçüler									Ağırlık
	DN_1	DN_2	a	f	h	h_1	h_2	n	n_1	w	s	
			[mm]									[kg]
101	1¼"	1"	84	405	263	110	153	225	185	26	11	24.1
102	1½"	1"	86	407	263	110	153	225	185	26	11	26.1
103	1½"	1¼"	95	464	304	132	172	266	206	19	14	39.1
104	1½"	1¼"	95	464	304	132	172	266	206	19	14	42.9
105	2"	1¼"	108	542	334	139	195	292	232	21	14	56
107	2"	1¼"	108	542	334	139	195	292	232	21	14	61.7
204	2"	1½"	108	496	334	139	195	292	232	21	14	49.8
205	2"	1½"	108	542	334	139	195	292	232	21	14	55.1
207	2"	1½"	108	542	334	139	195	292	232	21	14	60.8

Wilo-Bloc-BM



Dizayn

Kuru rotorlu(salmastralı), monoblok tip pompa, kaplinli

Uygulama

Isıtma, Soğutma ve iklimlendirme uygulamalarında sıcak ve soğuk su, su-glikol karışımları (glikol oranı %20-40 ve akışkan sıcaklığı ≤ 40°C) transferi

Basınçlandırma

Endüstriyel uygulamalar

Pompa Kodlaması

Örnek : **BM 50/130-3/2**

BM	Blok pompa, dökme demir BM-S : paslanmaz çelik BM-B : bronz
50	Basma flanşı nominal çapı DN
130	Nominal çark çapı
3	Nominal motor gücü P_2, kW
2	Kutup sayısı

Ürün Özellikleri / Faydalar

• EN733'e uygun standart pompa ölçüleri

• Bronz ve paslanmaz çelik gövde-çark opsiyonu ile korozif ve agresif akışkanlara uygunluk

• Kompakt ve hafif tasarım ile montaj ve bakım kolaylığı

• Tüm modellerde pompa gövdesi ve motordaki özel ayaklar ile montaj kolaylığı

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

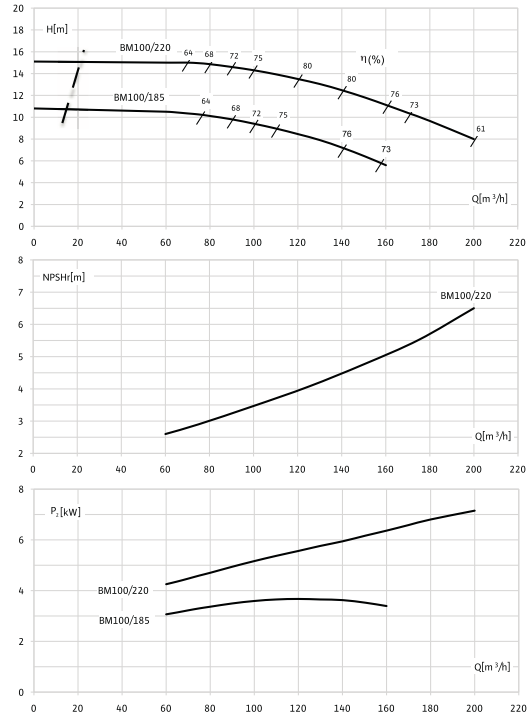
Wilo-Bloc-BM Teknik Özellikler

	Wilo-BM
İzin Verilen Akışkanlar (diğer akışkanlar için danışınız)	
VDI 2035'e uygun ısıtma suyu	•
Su-glikol karışımları (glikol oranı %20-40 ve akışkan sıcaklığı ≤ 40°C)	•
Soğuk su	•
Çalışma Değerleri	
Standart Versiyon için maksimum çalışma basıncı [bar]	10
Sıcaklık Aralığı [°C]	-10 - +90
Maksimum ortam sıcaklığı [°C]	40
Bağlantılar	
Nominal bağlantı çapı DN	32-125
Flanşlar (EN 1902-2)	PN10
Malzemeler	
Pompa gövdesi	EN-GJL-250 BM-S versiyon : 1.4408, BM-B versiyon : G-CuSn 10
Çark	EN-GJL250 BM-S versiyon : 1.4408, BM-B versiyon : G-CuSn 10
Pompa mili	1.4057 (1.4401 / 1.4362 / 1.4462 özel versiyon)
Mekanik salmastra	BVEGG (BM-S ve BM-B için Q1Q1VGG)
Diğer mekanik salmastralar	Özel versiyon
Elektrik bağlantıları	
Voltaj	3~ 400 V, 50 Hz
Hız [d/d]	1450-2900
Motor	
Koruma sınıfı	IP55
Yalıtım sınıfı	F
Motor sargıları ≤3 kW	230 V Δ / 400 V Y, 50 Hz
Motor sargıları ≥ 4 kW	400 V Δ / 690 V Y, 50 Hz

Wilo-Bloc-BM Karakteristik Eğriler

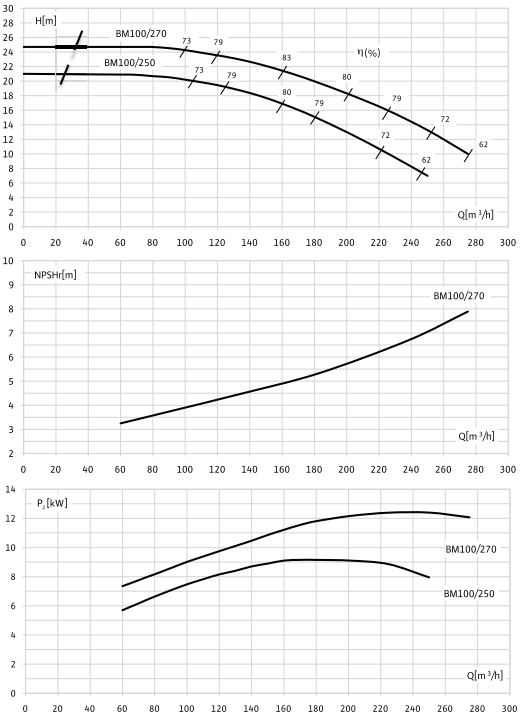
Wilo-Bloc-BM100/220-5,5/4 - BM100/185-7,5/4

Devir hızı 1450 d/d



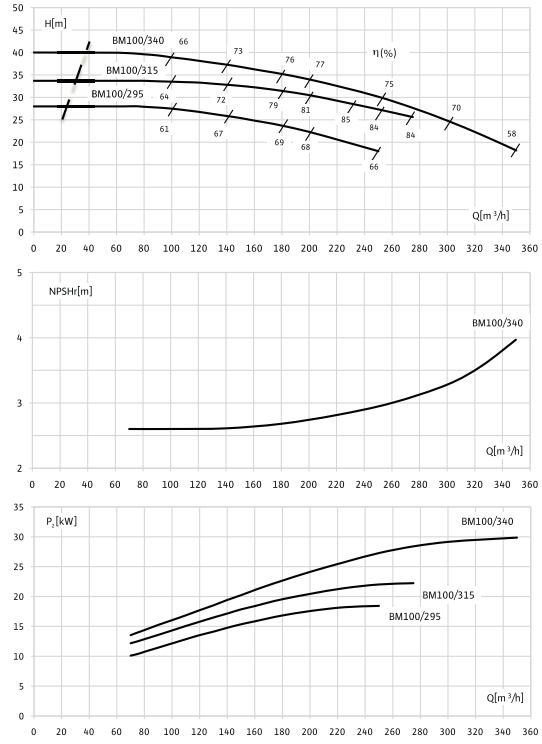
Wilo-Bloc-BM100/270-15/4 - BM100/250-9/4

Devir hızı 1450 d/d



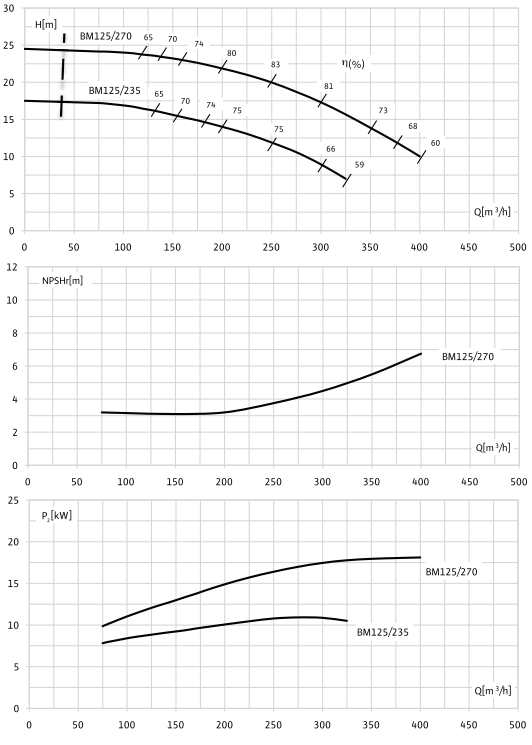
Wilo-Bloc-BM100/315-30/4 - BM100/295-18,5/4

Devir hızı 1450 d/d



Wilo-Bloc-BM125/270-18,5/4 - BM125/235-11/4

Devir hızı 1450 d/d

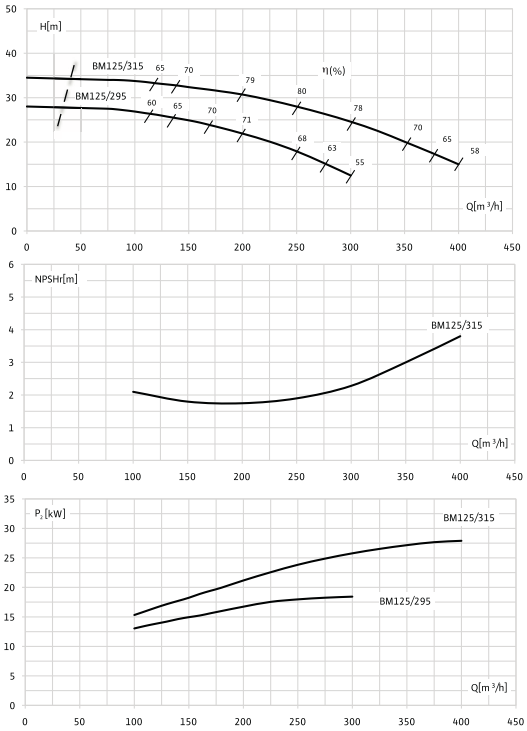


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Karakteristik Eğriler

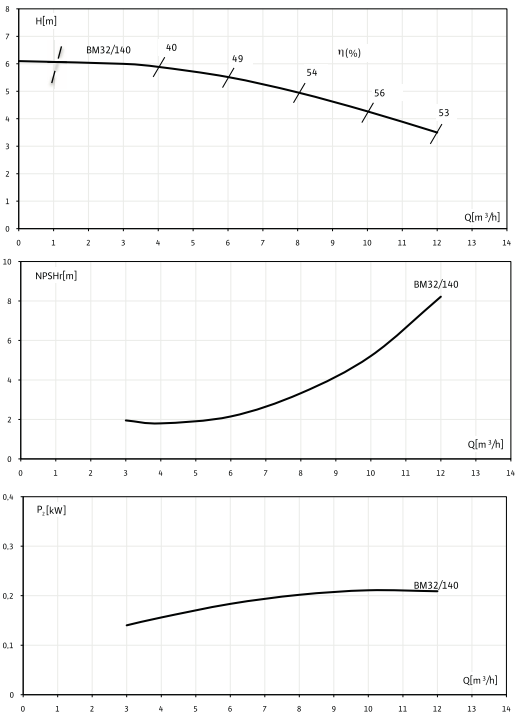
Wilo-Bloc-BM125/315-30/4 - BM125/295-18,5/4

Devir hızı 1450 d/d



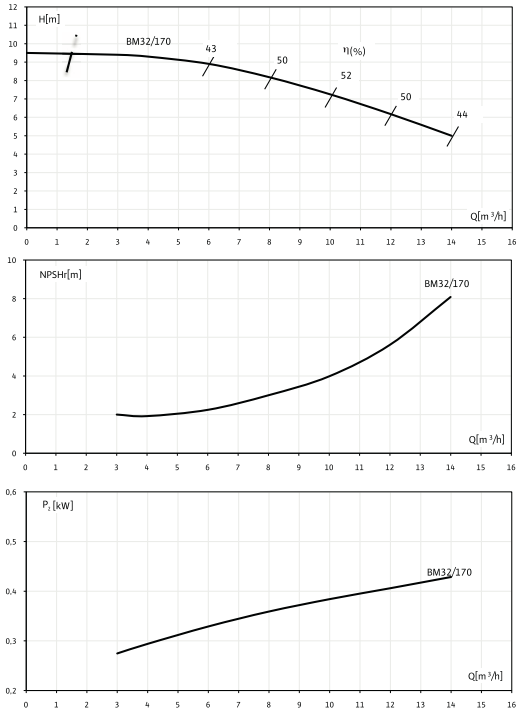
Wilo-Bloc-BM32/140-0,37/4

Devir hızı 1450 d/d



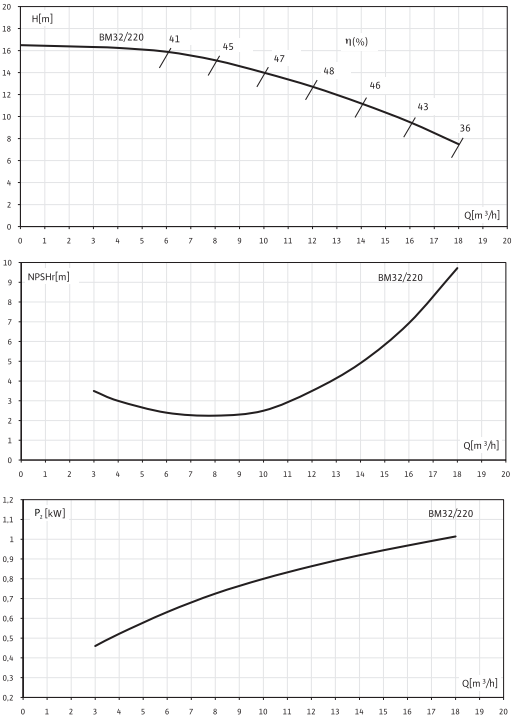
Wilo-Bloc-BM32/170-0,55/4

Devir hızı 1450 d/d



Wilo-Bloc-BM32/220-1,1/4

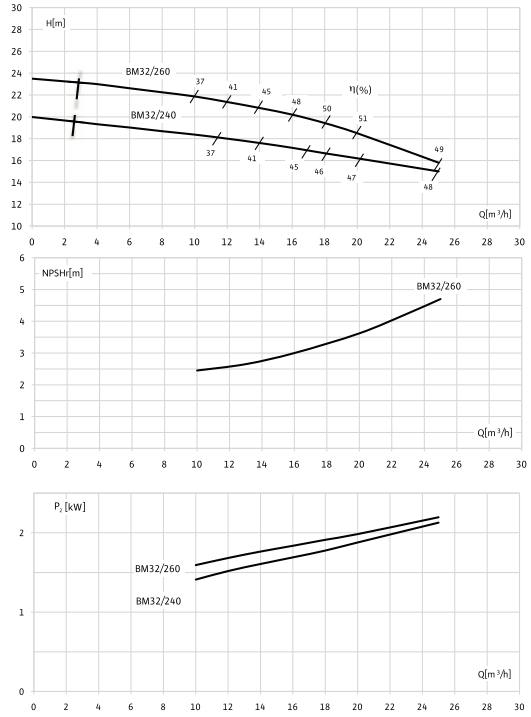
Devir hızı 1450 d/d



Wilo-Bloc-BM Karakteristik Eğriler

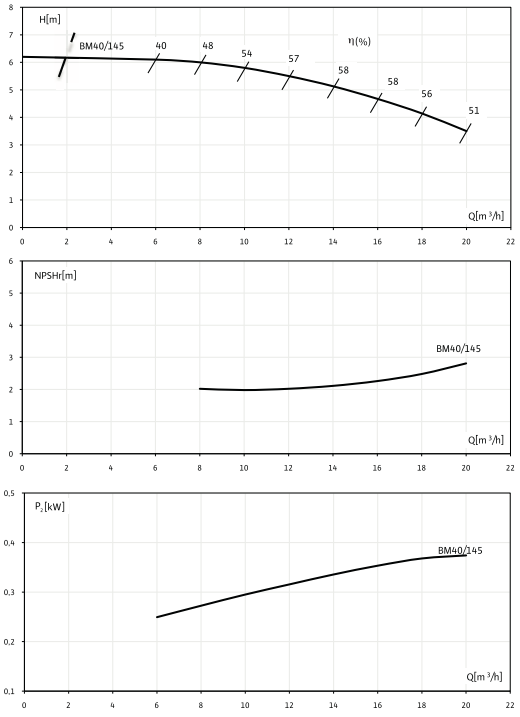
Wilo-Bloc-BM32/260-2,2/4 - BM32/240-2,2/4

Devir hızı 1450 d/d



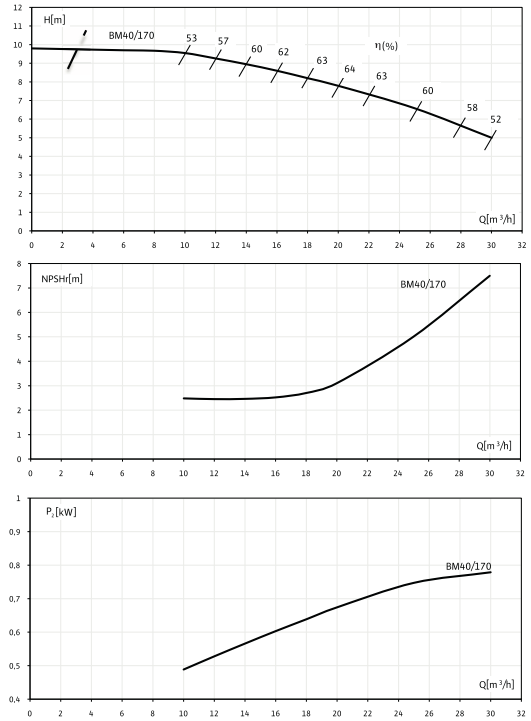
Wilo-Bloc-BM40/145-0,37/4

Devir hızı 1450 d/d



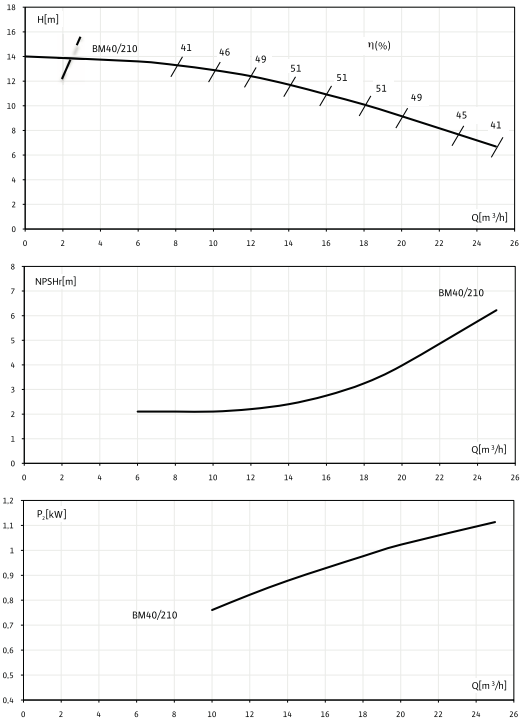
Wilo-Bloc-BM40/170-0,75/4

Devir hızı 1450 d/d



Wilo-Bloc-BM40/210-1,1/4

Devir hızı 1450 d/d

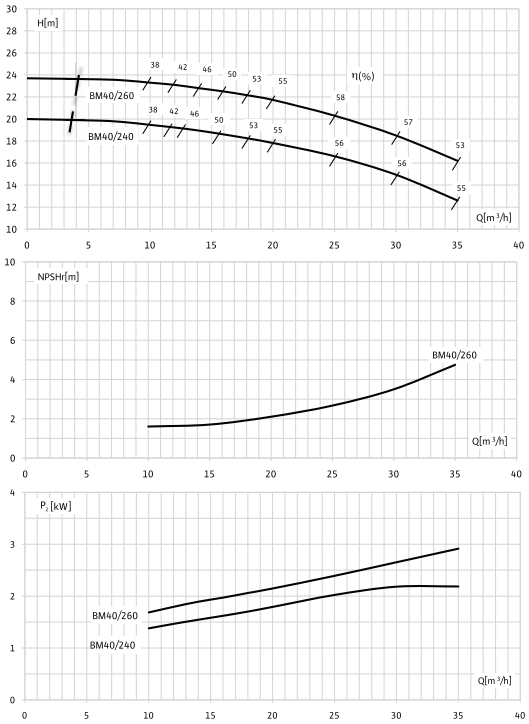


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Karakteristik Eğriler

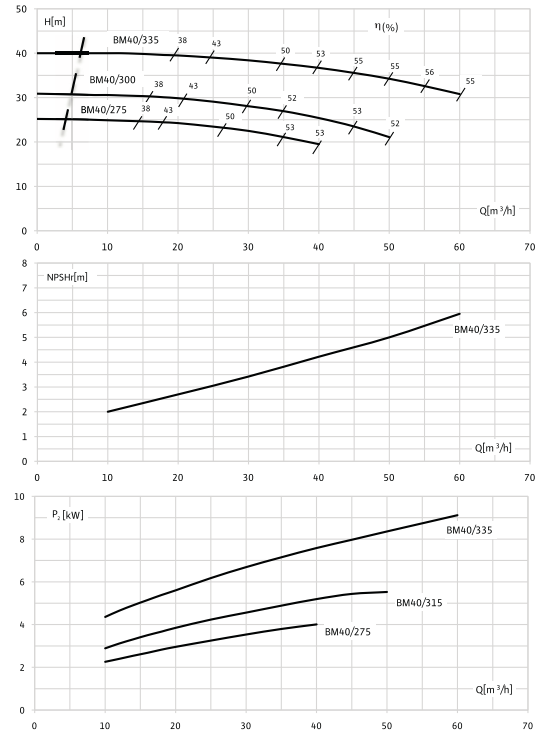
Wilo-Bloc-BM40/260-3/4 - BM40/240-2,2/4

Devir hızı 1450 d/d



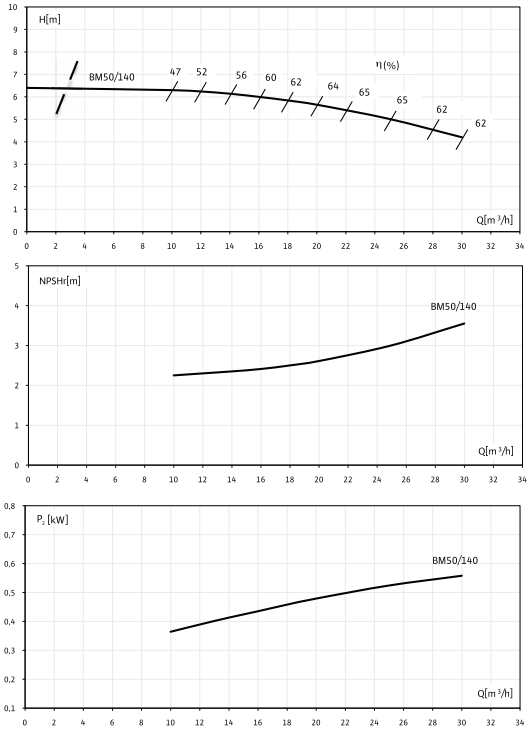
Wilo-Bloc-BM40/335-9/4 - BM40/275-4/4

Devir hızı 1450 d/d



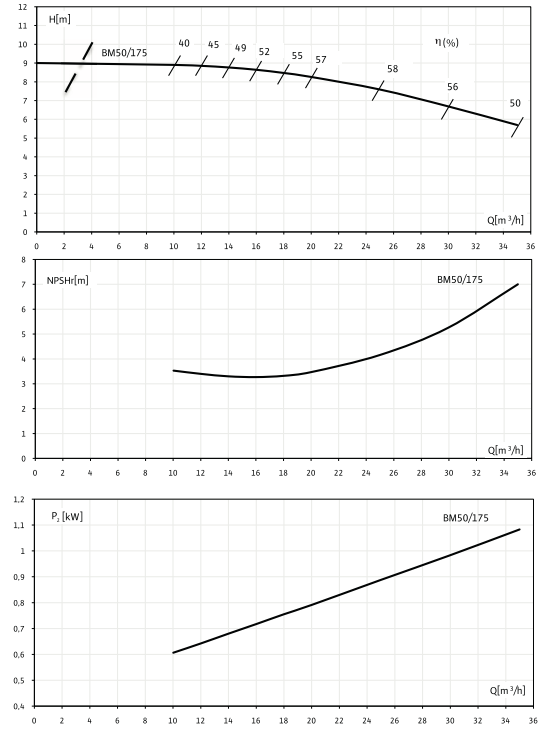
Wilo-Bloc-BM50/140-0,55/4

Devir hızı 1450 d/d



Wilo-Bloc-BM50/175-1,1/4

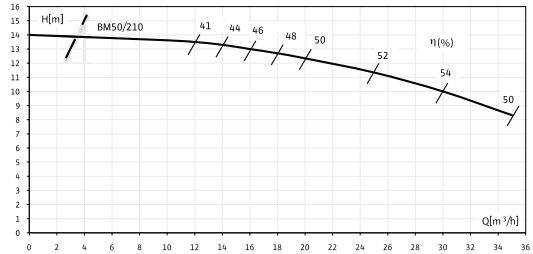
Devir hızı 1450 d/d

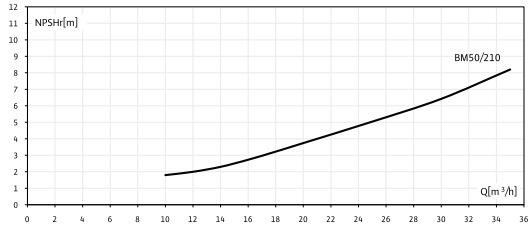


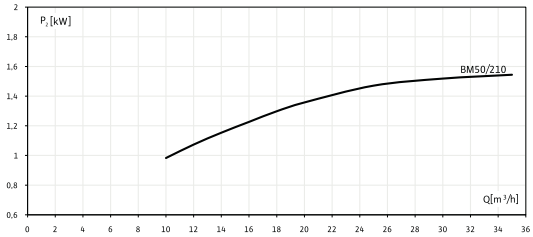
Wilo-Bloc-BM Karakteristik Eğriler

Wilo-Bloc-BM50/210-1,5/4

Devir hızı 1450 d/d

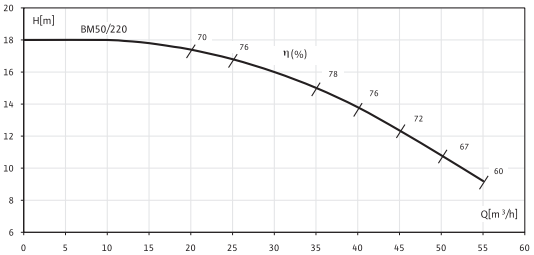


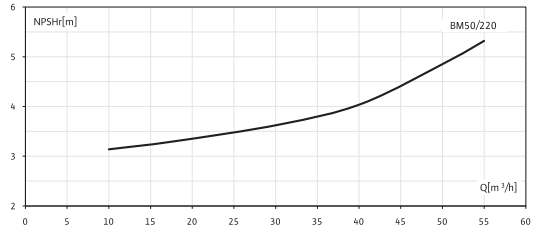


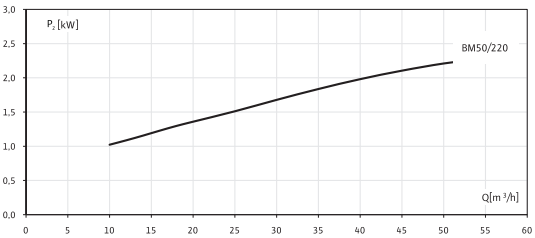


Wilo-Bloc-BM50/220-2,2/4

Devir hızı 1450 d/d

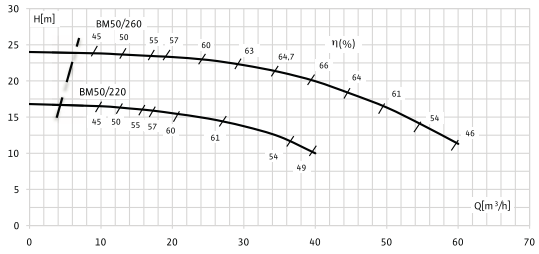


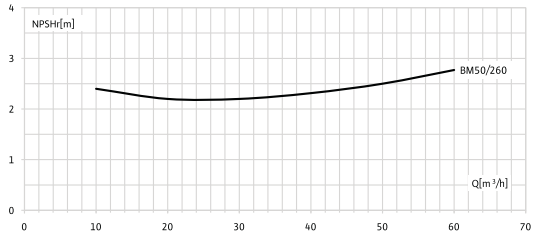


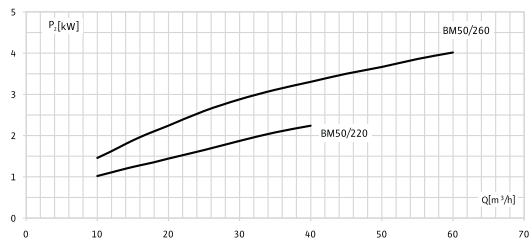


Wilo-Bloc-BM50/260-4/4 - BM50/220-2,2/4

Devir hızı 1450 d/d

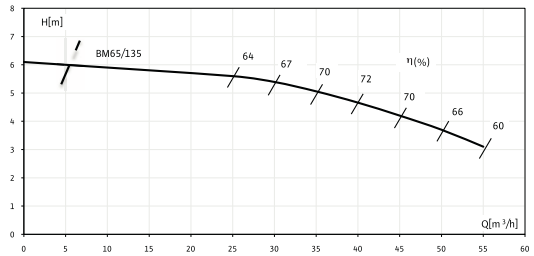


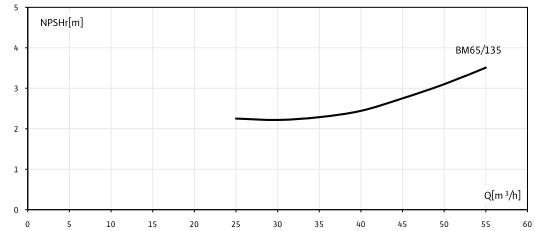


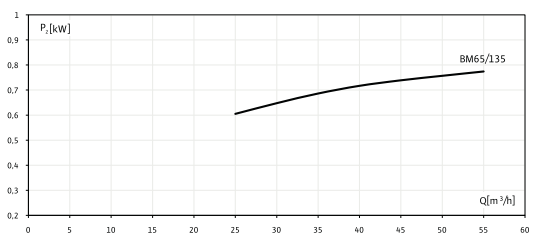


Wilo-Bloc-BM65/135-0,75/4

Devir hızı 1450 d/d





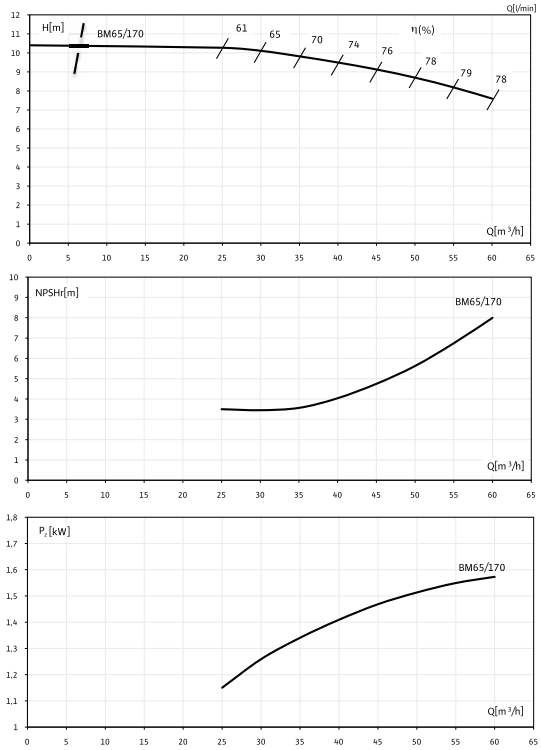


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Karakteristik Eğriler

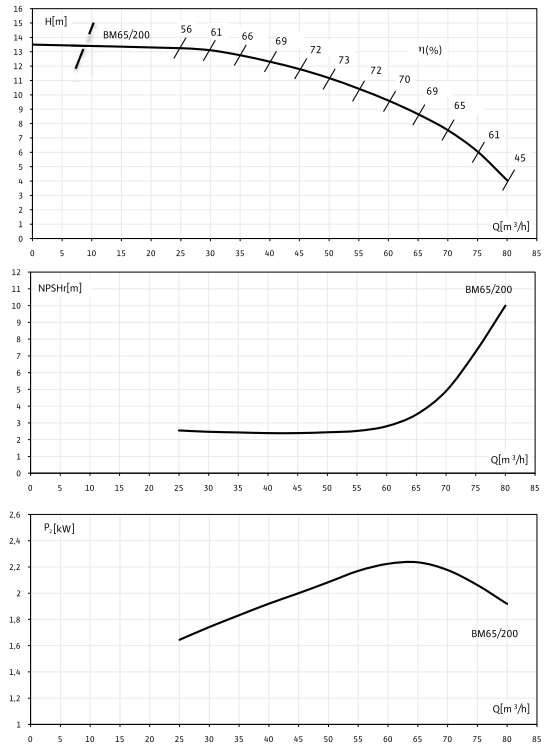
Wilo-Bloc-BM65/170-1,5/4

Devir hızı 1450 d/d



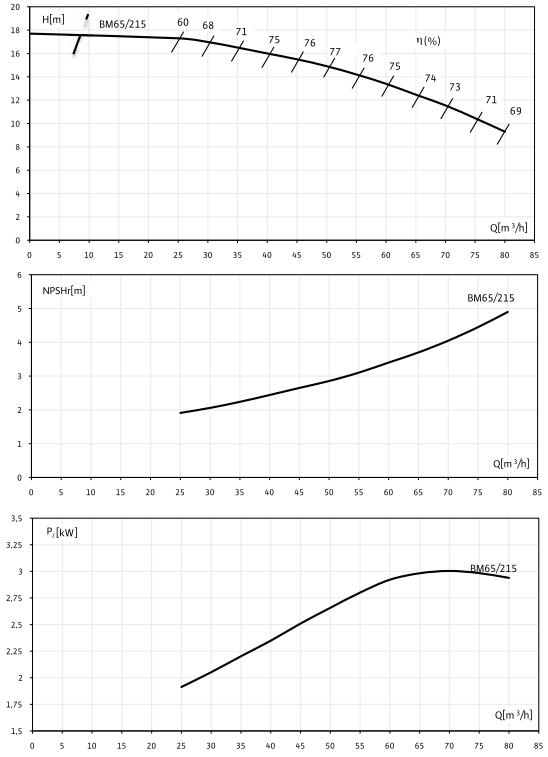
Wilo-Bloc-BM65/200-3/4

Devir hızı 1450 d/d



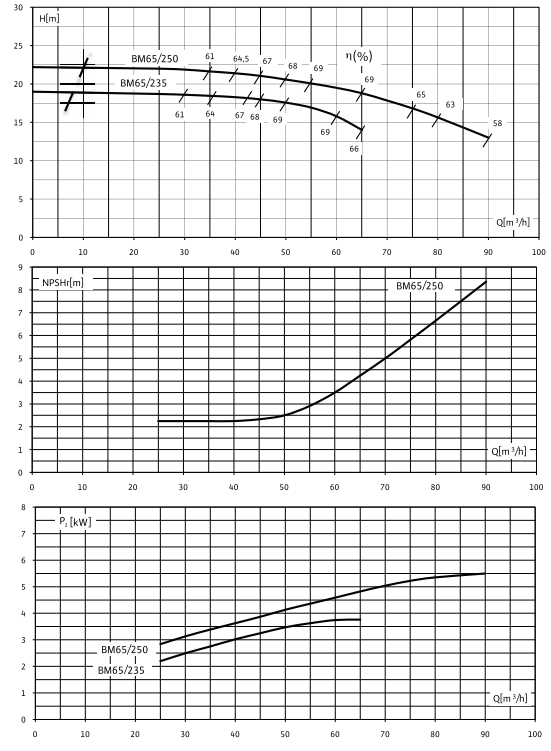
Wilo-Bloc-BM65/215-3/4

Devir hızı 1450 d/d



Wilo-Bloc-BM65/250-5,5/4 – BM65/235-4/4

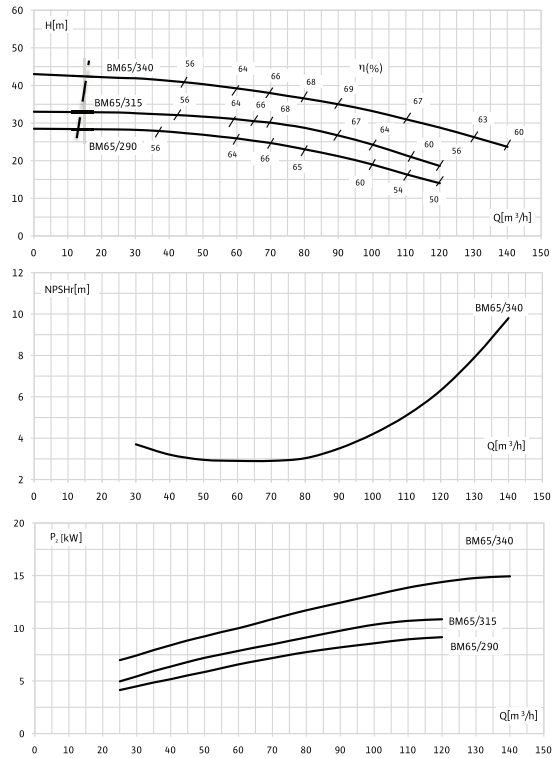
Devir hızı 1450 d/d



Wilo-Bloc-BM Karakteristik Eğriler

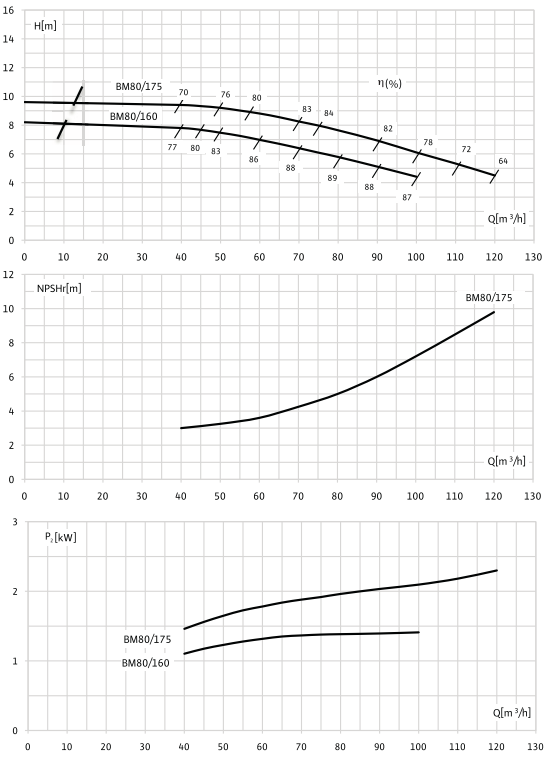
Wilo-Bloc-BM65/340 - BM65/290

Devir hızı 1450 d/d



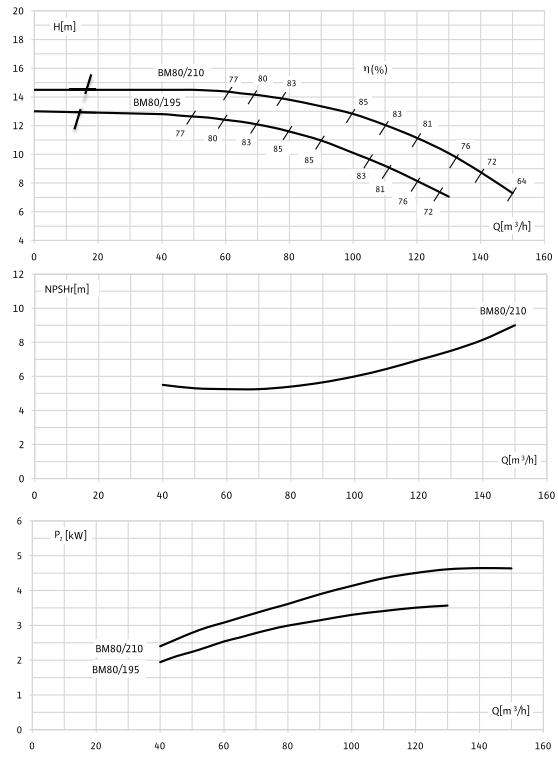
Wilo-Bloc-BM80/175-2,2/4 - BM80/160-2,2/4

Devir hızı 1450 d/d



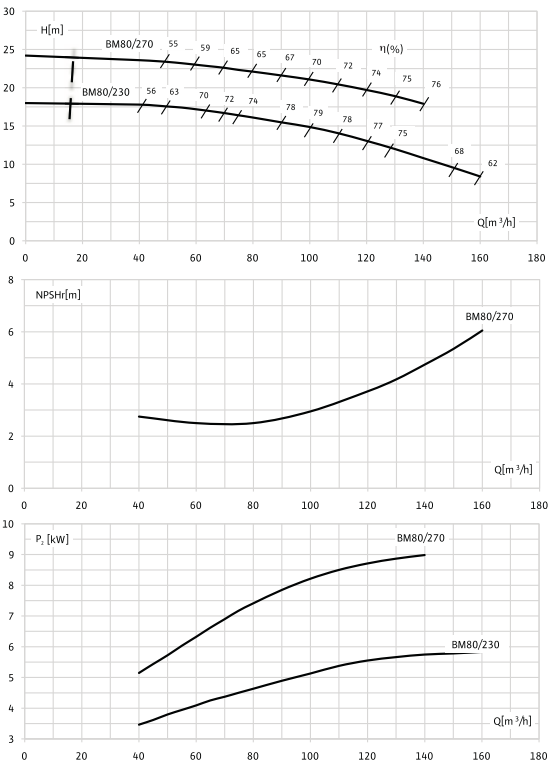
Wilo-Bloc-BM80/210-5,5/4 - BM80/195-4/4

Devir hızı 1450 d/d



Wilo-Bloc-BM80/270-9/4 - BM80/230-7,5/4

Devir hızı 1450 d/d

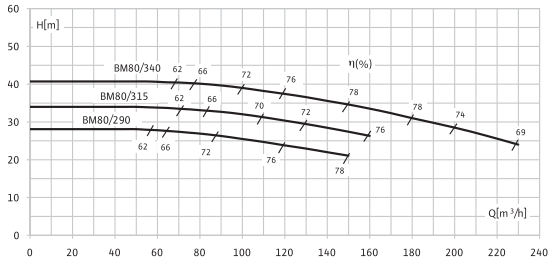


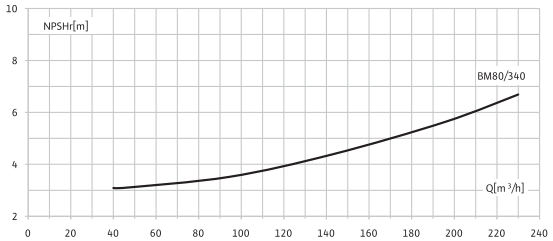
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

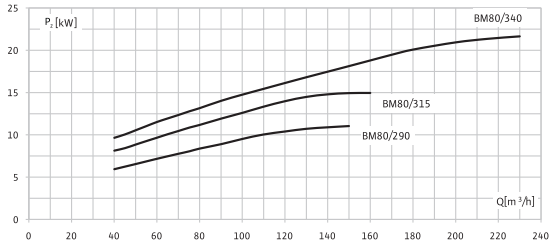
Wilo-Bloc-BM Karakteristik Eğriler

Wilo-Bloc-BM80/340-22/4 - BM80/290-11/4

Devir hızı 1450 d/d



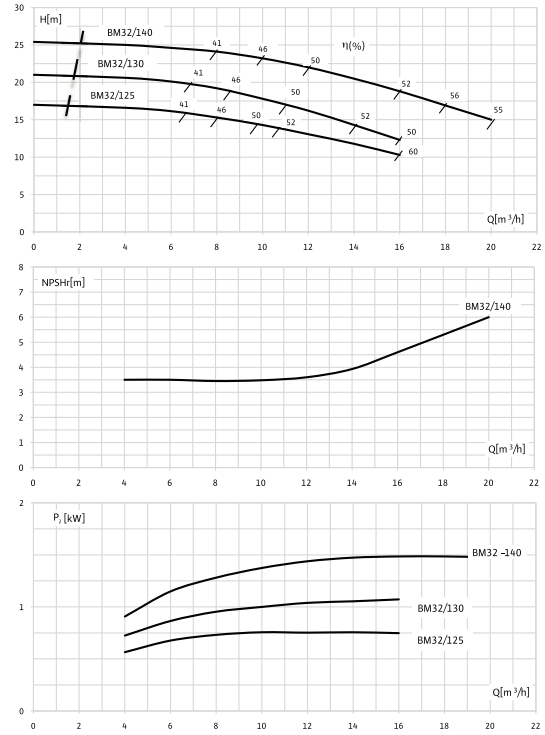




Wilo-Bloc-BM Karakteristik Eğriler

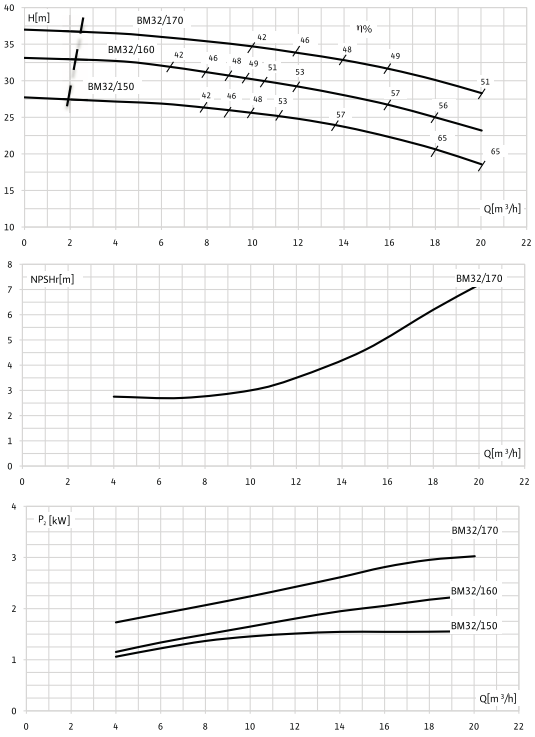
Wilo-Bloc-BM 32/140-1,5/2 - BM 32/125-0,75/2

Devir hızı 2900 d/d



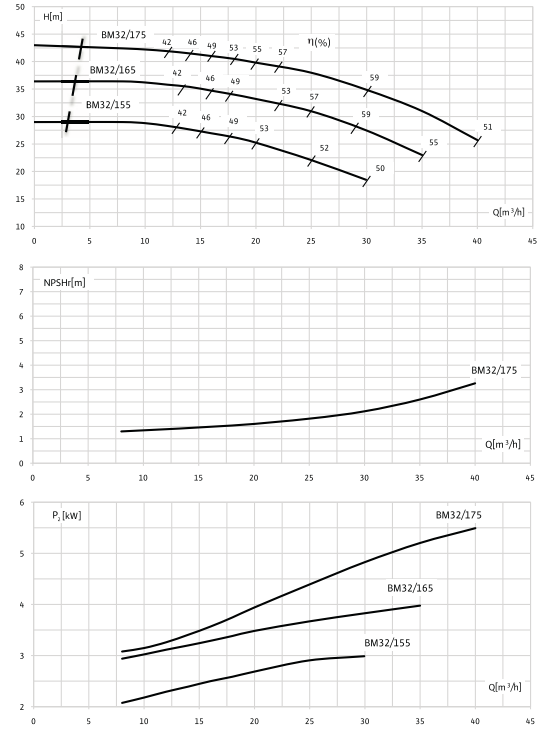
Wilo-Bloc-BM32/170-3/2 - BM 32/150-1,5/2

Devir hızı 2900 d/d



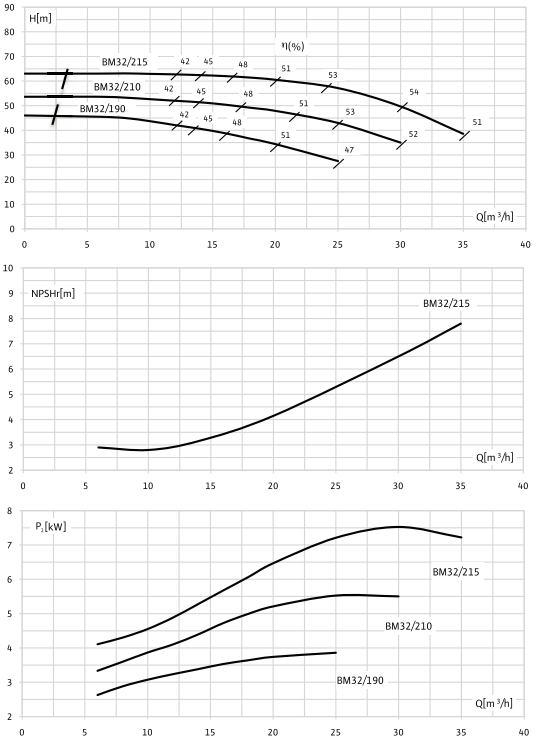
Wilo-Bloc-BM32/175-5,5/2 - BM32/155-3/2

Devir hızı 2900 d/d



Wilo-Bloc-BM32/215-7,5/2 - BM32/190-4/2

Devir hızı 2900 d/d

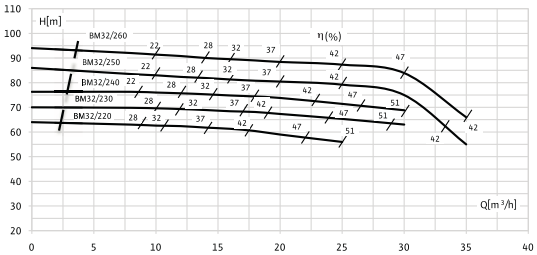


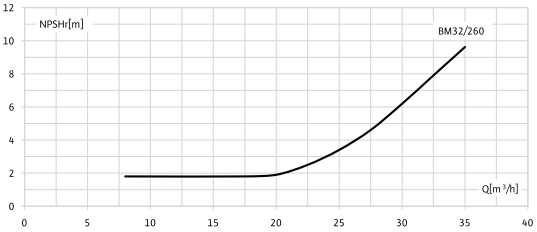
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

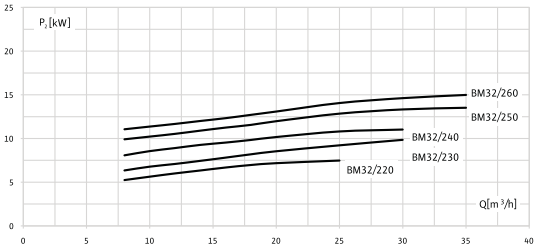
Wilo-Bloc-BM Karakteristik Eğriler

Wilo-Bloc-BM32/260-15/2 - BM32/220-7,5/2

Devir hızı 2900 d/d

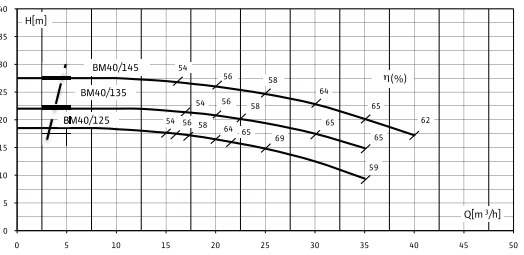


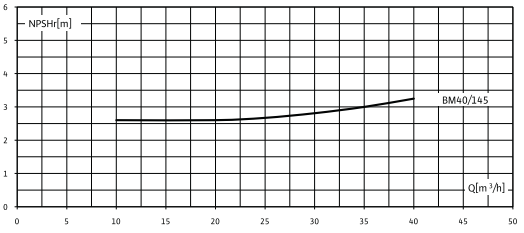


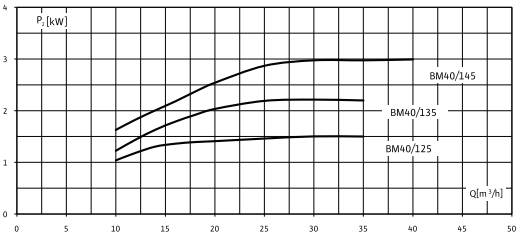


Wilo-Bloc-BM40/145-3/2 - BM40/125-1,5/2

Devir hızı 2900 d/d

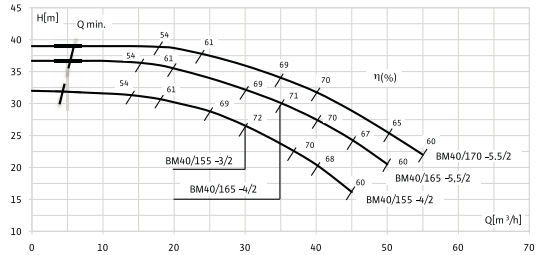


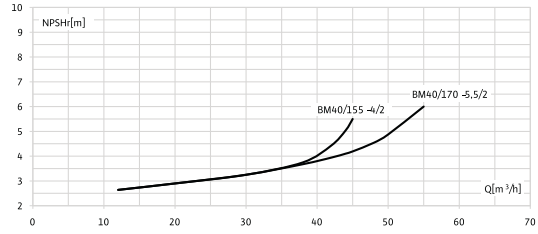


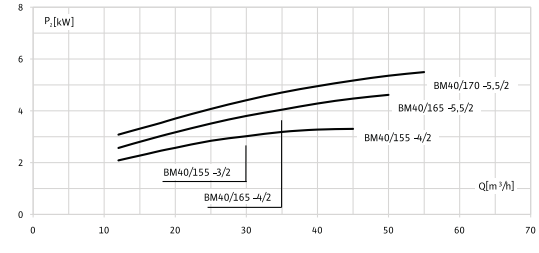


Wilo-Bloc-BM 40/170-5,5/2 - BM 40/155-3/2

Devir hızı 2900 d/d

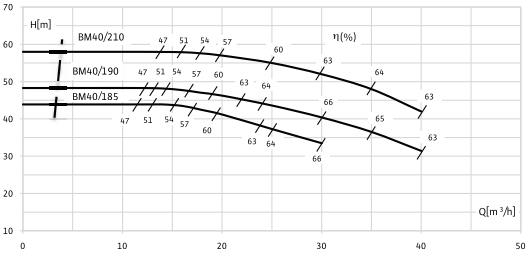


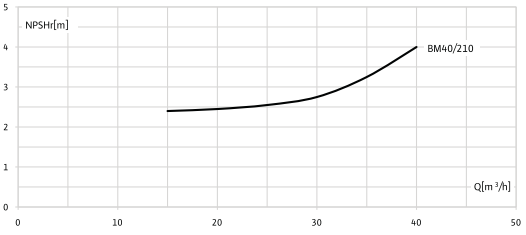


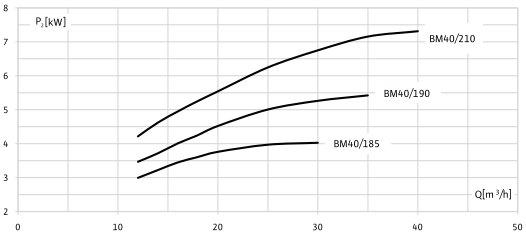


Wilo-Bloc-BM40/210-7,5/2 - BM40/185-4/2

Devir hızı 2900 d/d



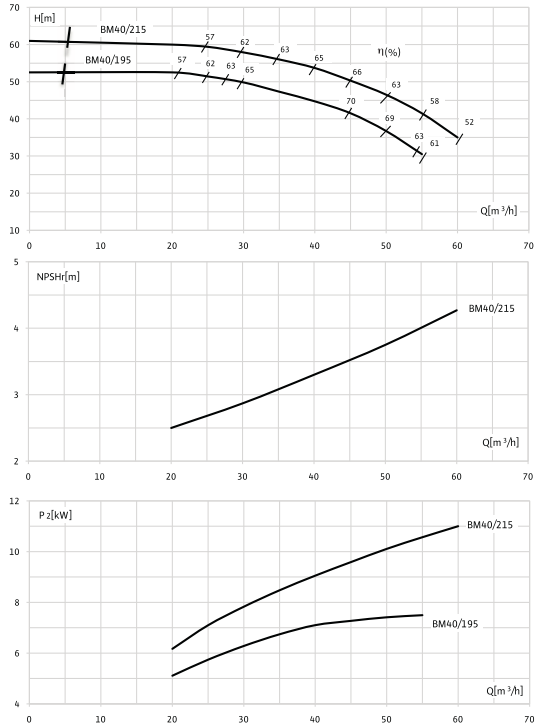




Wilo-Bloc-BM Karakteristik Eğriler

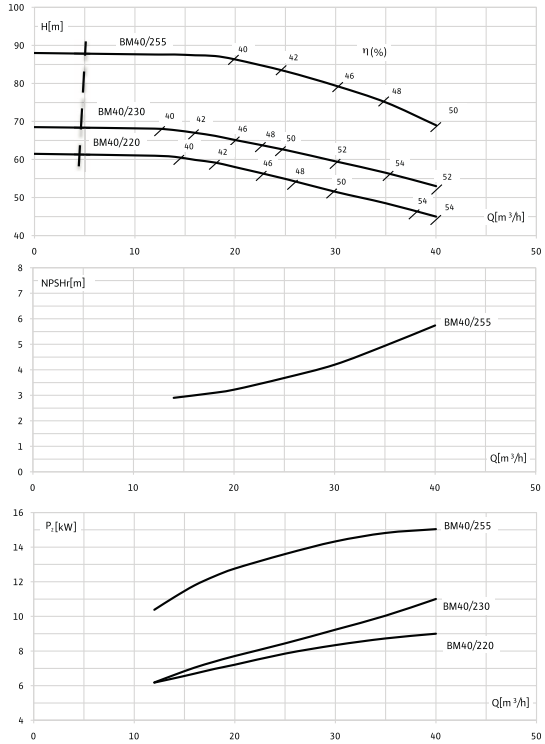
Wilo-Bloc-BM40/215-11/2 - BM40/195-7,5/2

Devir hızı 2900 d/d



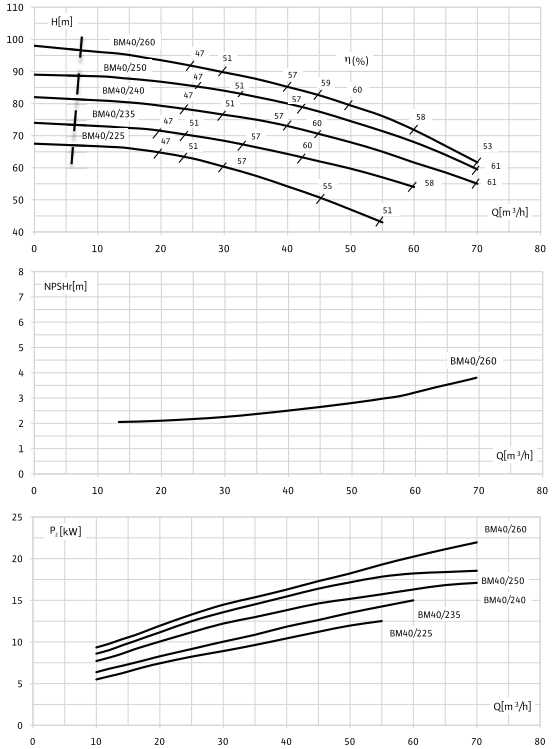
Wilo-Bloc-BM40/255-15/2 - BM40/220-9/2

Devir hızı 2900 d/d



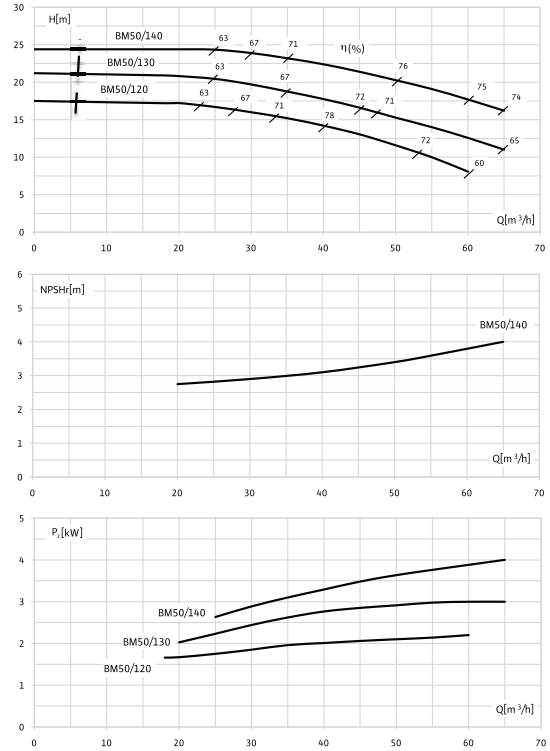
Wilo-Bloc-BM40/260-22/2 - BM40/225-12,5/2

Devir hızı 2900 d/d



Wilo-Bloc-BM50/140 - BM50/120

Devir hızı 2900 d/d

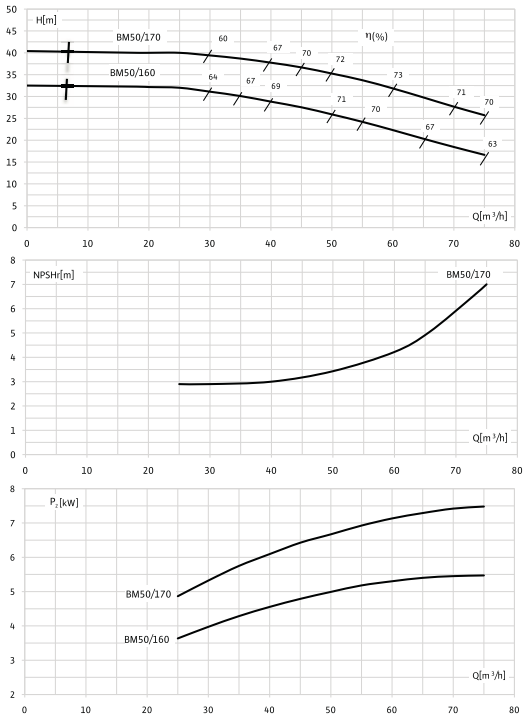


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Karakteristik Eğriler

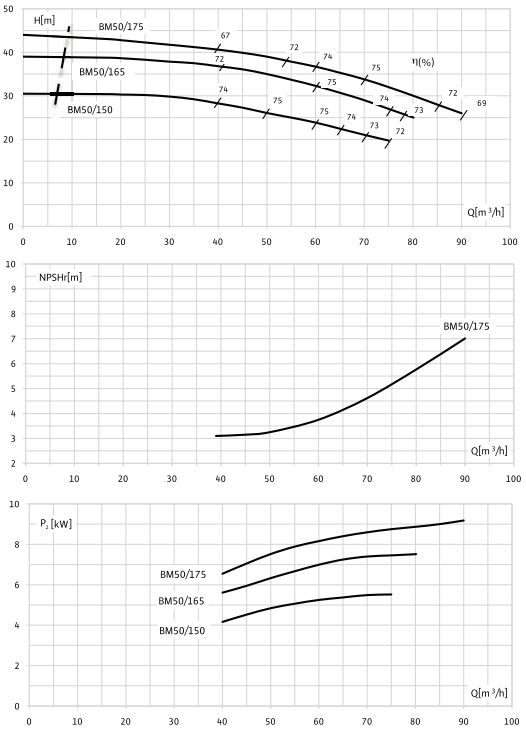
Wilo-Bloc-BM50/170-7,5/2 - BM50/160-5,5/2

Devir hızı 2900 d/d



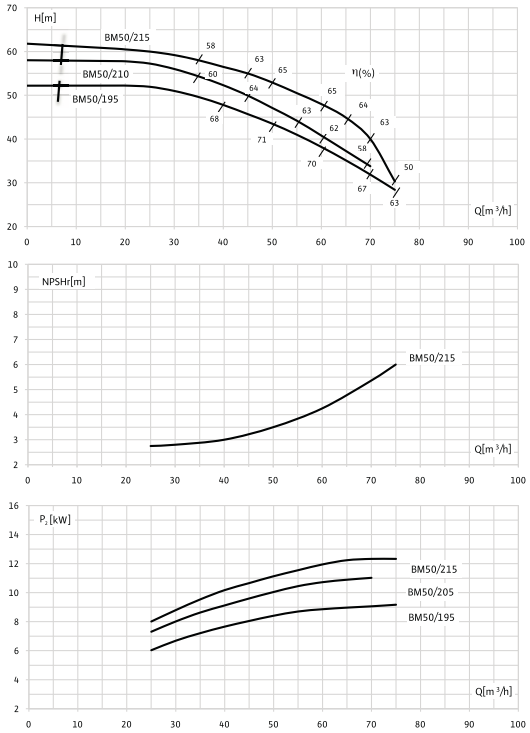
Wilo-Bloc-BM50/175-9/2 - BM50/150-5,5/2

Devir hızı 2900 d/d



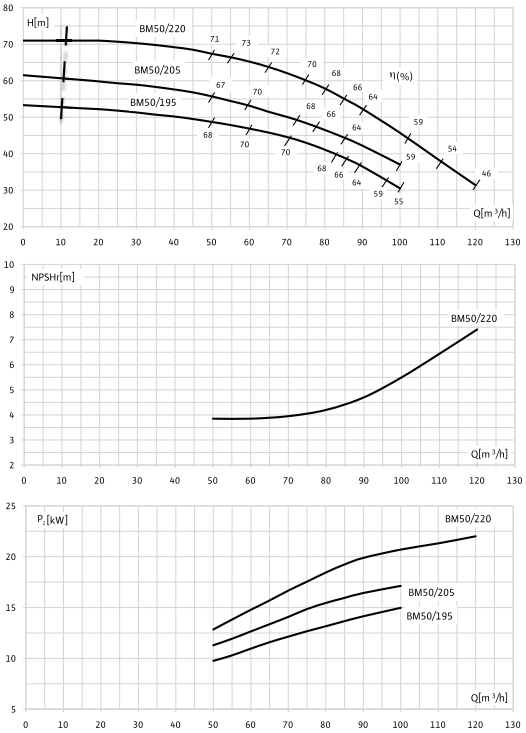
Wilo-Bloc-BM50/215-12,5/2 - BM50/195-9/2

Devir hızı 2900 d/d



Wilo-Bloc-BM50/220-22/2 - BM50/195-15/2

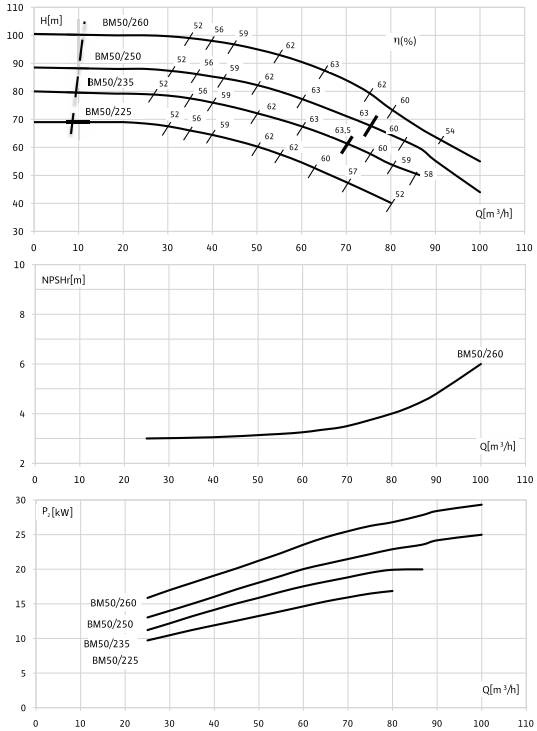
Devir hızı 2900 d/d



Wilo-Bloc-BM Karakteristik Eğriler

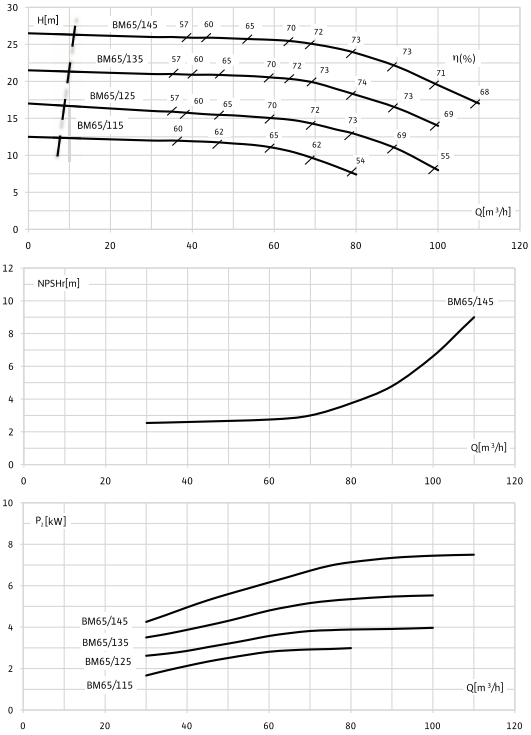
Wilo-Bloc-BM50/260-30/2 - BM50/225-17/2

Devir hızı 2900 d/d



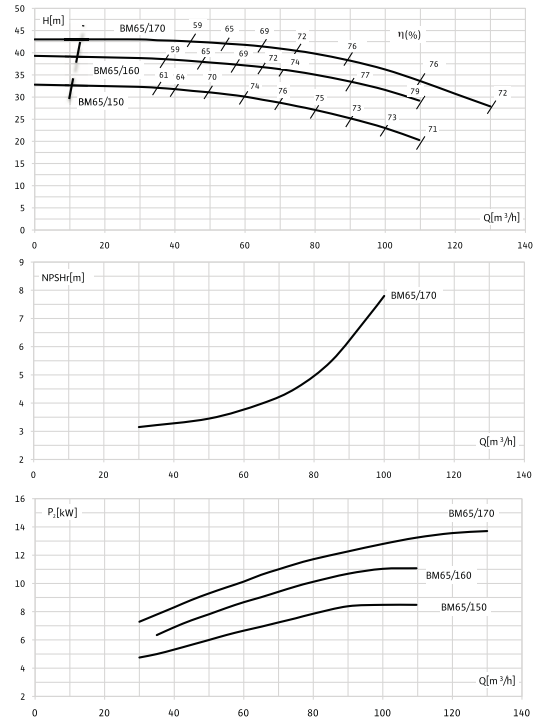
Wilo-Bloc-BM65/145-7,5/2 - BM65/115-3/2

Devir hızı 2900 d/d



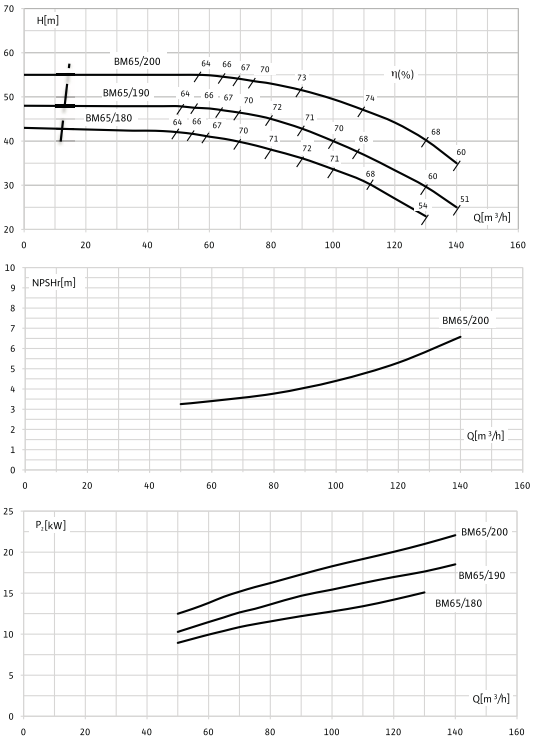
Wilo-Bloc-BM65/170-15/2 - BM65/150-9/2

Devir hızı 2900 d/d



Wilo-Bloc-BM65/200-22/2 - BM65/180-15/2

Devir hızı 2900 d/d

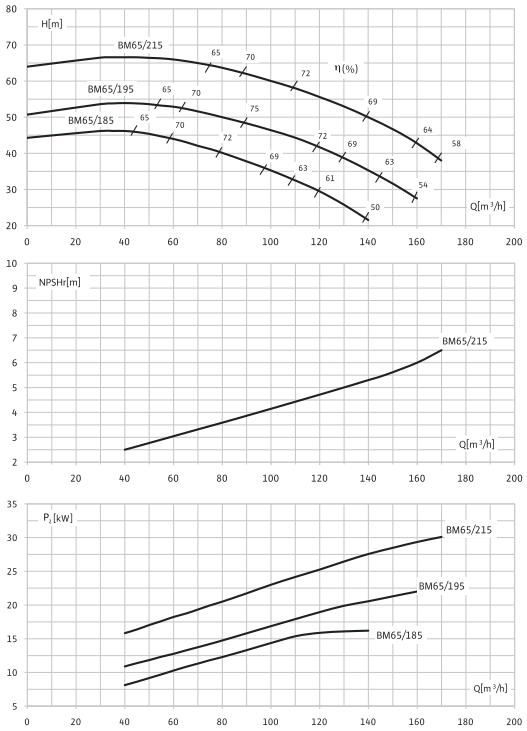


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Karakteristik Eğriler

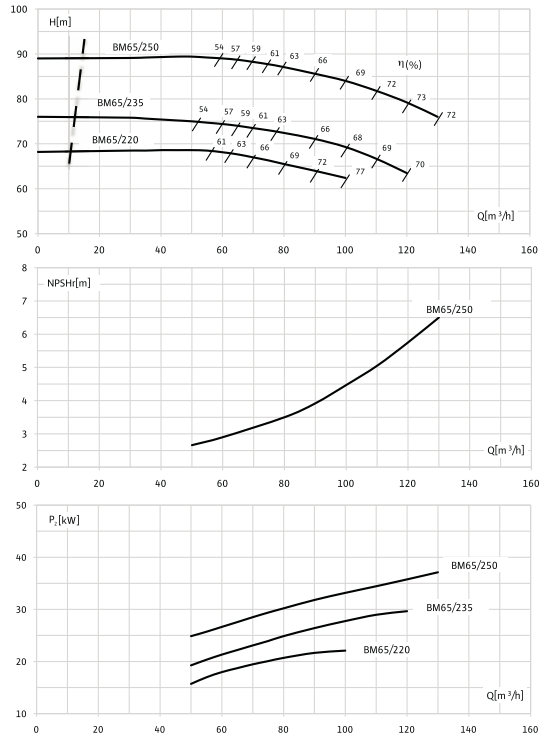
Wilo-Bloc-BM65/215-30/2 - BM65/185-18,5/2

Devir hızı 2900 d/d



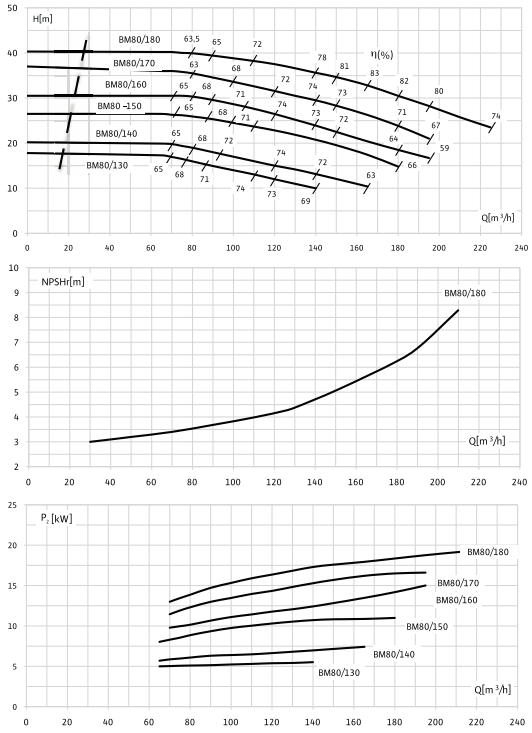
Wilo-Bloc-BM65/260-37/2 - BM65/220-22/2

Devir hızı 2900 d/d



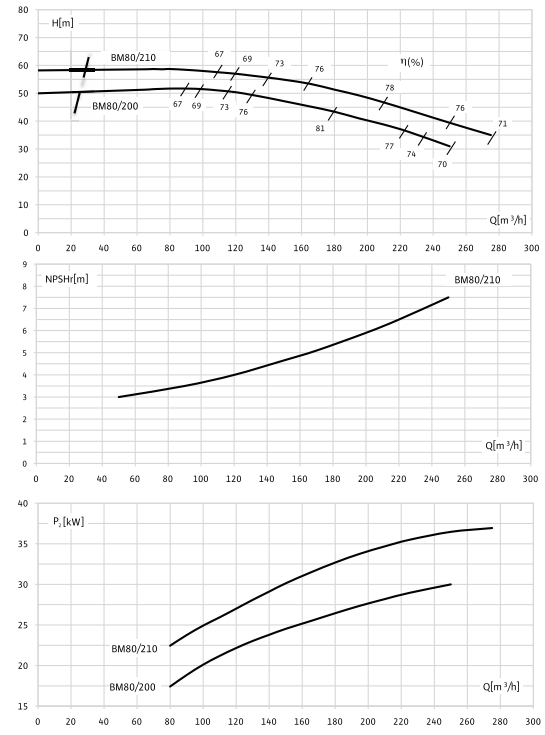
Wilo-Bloc-BM80/180-22/2 - BM80/130-5,5/2

Devir hızı 2900 d/d



Wilo-Bloc-BM80/210-37/2 - BM80/200-30/2

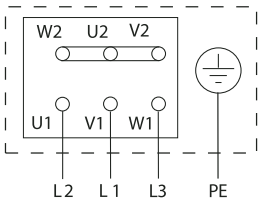
Devir hızı 2900 d/d



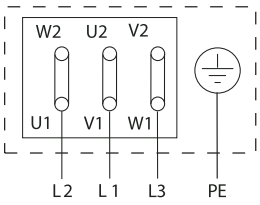
Wilo-Bloc-BM Bağlantı Şemaları, Motor Bilgileri

Bağlantı şeması

Y resim



Δ resim



Motor koruma svici kullanılmalıdır. Dönüş yönü kontrol edilmelidir. Dönüş yönünü değiştirmek için, herhangi iki fazı yer değiştirin

P2 ≤ 3 kW 3~400V Y
3~230V Δ
P2 ≥ 4 kW 3~690V Y
3~400V Δ

Köprüler kaldırılarak, Y- Δ kalkış mümkündür.

Motor Bilgileri (1450 d/d)

Wilo-Bloc-BM(-S/-B)	Nominal Akım I_N(yaklaşık)		Güç Faktörü	Verim
	3~230/400V	3~400V Δ	Cos φ	μM
	[A]			
0.37 kW	1.7/1.0	1.0	0.73	74.5
0.55 kW	1.7/1.1	1.1	0.73	75.5
0.75 kW	2.8/1.6	1.6	0.74	76.0
1.1 kW	4.3/2.5	2.5	0.80	79.5
1.5 kW	6.6/4.0	4.0	0.81	81.0
2.2 kW	9.7/5.6	5.6	0.80	81.0
3 kW	10.4/6.0	6.0	0.80	84.0
4 kW	14.0/8.2	8.2	0.80	85.0
5.5 kW		10.0	0.86	84.0
7.5 kW		12.7	0.86	86.0
9.2 kW		19.8	0.86	86.0
11 kW		21.3	0.82	91.0
15 kW		27.7	0.83	92.0
18.5 kW		37.0	0.82	86.0
22 kW		46.0	0.82	87.0
30 kW		53.1	0.83	89.0

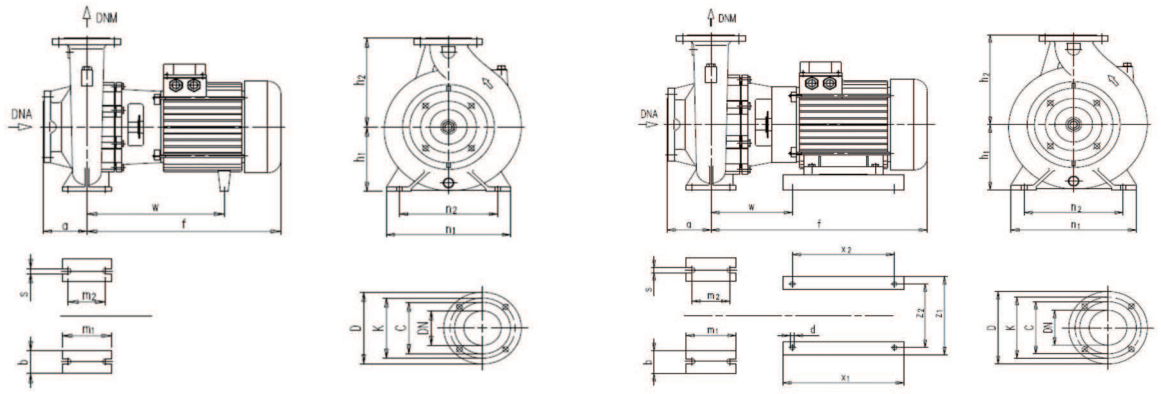
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Bağlantı Şemaları, Motor Bilgileri

Motor Bilgileri (2900d/d)

Wilo-Bloc-BM(-S/-B)	Nominal Akım I_N(yaklaşık)		Güç Faktörü	Verim
	3~230/400V	3~400V Δ	Cos φ	µM
	[A]			
0.75 kW	5.2/3.0		0.81	75.0
1.1 kW	6.9/4.0		0.81	77.0
1.5 kW	7.9/4.5		0.82	78.0
2.2 kW	8.4/4.8		0.82	85.0
3 kW	10.9/6.3		0.83	83.0
4 kW	14.4/8.5	8.5	0.84	85.5
5.5 kW		12.1	0.85	86.0
7.5 kW		14.2	0.86	87.0
9.2 kW		18.3	0.85	87.0
11 kW		22.3	0.86	87.5
12.5 kW		21.5	0.86	87.5
13.5 kW		26.4	0.86	87.7
15 kW		27.6	0.87	88.0
17.0 kW		31.0	0.87	88.5
18.5 kW		31.5	0.89	90.5
20.0 kW		37.8	0.89	91.0
22.0 kW		41.5	0.85	86.0
25.0 kW		45.0	0.86	87.0
30.0 kW		57.5	0.87	88.0
37.0 kW		73.0	0.88	89.5

Wilo-Bloc-BM Ölçüler, Ağırlıklar



Ölçüler, Ağırlıklar (1450 d/d)

Wilo-Bloc-BM ...	Nominal Çap Ölçüler ve Ağırlıklar																
	f	a	m1	m2	n1	n2	h1	h2	s	b	w	x1	x2	z1	z2	d	Ağırlık
	[mm]																[kg]
BM 32/140-0,37/4	333	80	100	70	190	140	112	140	14	50	241	–	–	–	–	–	23
BM 32/170-0,55/4	333	80	100	70	240	190	132	160	14	50	241	–	–	–	–	–	29
BM 32/220-1,1/4	347	80	100	70	240	190	160	180	14	50	249	–	–	–	–	–	37
BM 32/240-2,2/4	395	100	125	95	320	250	180	25	14	65	275	–	–	–	–	–	48
BM 32/260-2,2/4	395	100	125	95	320	250	180	25	14	65	275	–	–	–	–	–	50
BM 40/145-0,37/4	333	80	100	70	210	160	112	140	14	50	241	–	–	–	–	–	24
BM 40/170-0,75/4	333	80	100	70	240	190	132	160	14	50	241	–	–	–	–	–	31
BM 40/210-1,1/4	347	100	100	70	265	212	160	180	14	50	249	–	–	–	–	–	38
BM 40/240-2,2/4	395	100	125	95	320	250	180	225	14	65	275	–	–	–	–	–	50
BM 40/260-3/4	395	100	125	95	320	250	180	225	14	65	275	–	–	–	–	–	54
BM 40/275-4/4	431	100	125	95	345	280	225	250	14	65	310	–	–	–	–	–	90
BM 40/300-5,5/4	452	100	125	95	345	280	225	250	14	65	329	–	–	–	–	–	105
BM 40/335-9/4	537	100	125	95	345	280	225	250	14	65	178	320	280	260	215	12	115
BM 50/140-0,55/4	333	100	100	70	240	190	132	160	14	50	241	–	–	–	–	–	29
BM 50/175-1,1/4	345	100	100	70	265	212	160	180	14	50	247	–	–	–	–	–	37
BM 50/210-1,5/4	376	100	100	70	265	212	160	200	14	50	278	–	–	–	–	–	42
BM 50/215-3/4	407	100	125	95	320	250	180	225	14	65	287	–	–	–	–	–	58
BM 50/220-2,2/4	395	100	125	95	320	250	180	225	14	65	275	–	–	–	–	–	54
BM 50/260-4/4	402	100	125	95	320	250	180	225	14	65	282	–	–	–	–	–	65
BM 65/135-0,75/4	333	100	125	95	280	212	160	180	14	65	241	–	–	–	–	–	32
BM 65/170-1,5/4	350	100	125	95	280	212	160	200	14	65	252	–	–	–	–	–	40
BM 65/200-3/4	400	100	125	95	280	250	180	225	14	65	280	–	–	–	–	–	56
BM 65/215-3/4	400	100	125	95	280	250	180	225	14	65	280	–	–	–	–	–	70
BM 65/235-4/4	429	100	160	120	360	280	200	250	18	80	306	–	–	–	–	–	74
BM 65/250-5,5/4	531	100	160	120	360	280	200	250	18	80	393	–	–	–	–	–	77
BM 65/290-9/4	543	125	160	120	400	315	225	280	18	80	164	320	280	260	215	12	173
BM 65/315-11/4	651	125	160	120	400	315	225	280	18	80	160	410	370	320	255	14	186
BM 65/340-15/4	651	125	160	120	400	315	225	280	18	80	160	410	370	320	255	14	204
BM 80/160-2,2/4	400	125	125	95	320	250	180	225	14	65	280	–	–	–	–	–	52
BM 80/175-2,2/4	400	125	125	95	320	250	180	225	14	65	280	–	–	–	–	–	56

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Ölçüler, Ağırlıklar

Ölçüler, Ağırlıklar (1450 d/d)

Wilo-Bloc-BM ...	Nominal Çap Ölçüler ve Ağırlıklar																
	f	a	m1	m2	n1	n2	h1	h2	s	b	w	x1	x2	z1	z2	d	Ağırlık
	[mm]																[kg]
BM 80/195-4/4	427	125	125	95	345	280	180	250	14	65	304	–	–	–	–	–	71
BM 80/210-5,5/4	490	125	125	95	345	280	180	250	14	65	352	–	–	–	–	–	86
BM 80/230-7,5/4	569	125	160	120	400	315	200	280	18	80	431	–	–	–	–	–	107
BM 80/270-9/4	569	125	160	120	400	315	200	280	18	80	431	–	–	–	–	–	111
BM 80/290-11/4	651	125	160	120	400	315	250	315	18	80	160	410	370	320	255	14	252
BM 80/315-15/4	651	125	160	120	400	315	250	315	18	80	160	410	370	320	255	14	273
BM 80/340-22/4	707	125	160	120	400	315	250	315	18	80	196	410	370	345	280	14	303
BM 100/185-5,5/4	505	125	160	120	360	280	200	280	18	80	146	320	280	260	215	12	124
BM 100/220-7,5/4	543	125	160	120	360	280	200	280	18	80	164	320	280	260	215	12	130
BM 100/250-9/4	656	140	160	120	400	315	225	280	18	80	190	410	370	320	255	14	174
BM 100/270-15/4	681	140	160	120	400	315	225	280	18	80	190	410	370	320	255	14	189
BM 100/295-18,5/4	754	140	160	120	400	315	250	315	18	80	226	410	370	345	280	14	323
BM 100/315-22/4	754	140	160	120	400	315	250	315	18	80	226	410	370	345	280	14	331
BM 100/340-30/4	754	140	160	120	400	315	250	315	18	80	186	410	305	390	318	18	366
BM 125/235-11/4	681	140	160	120	400	315	250	355	18	80	190	410	370	320	255	14	236
BM 125/270-18,5/4	754	140	160	120	400	315	250	355	18	80	226	410	370	345	280	14	276
BM 125/295-18,5/4	753	140	200	150	500	400	280	355	24	100	225	410	370	345	280	14	448
BM 125/315-30/4	753	140	200	150	500	400	280	355	24	100	185	410	305	390	318	18	483

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-Bloc-BM ...	Nominal Çap Ölçüler ve Ağırlıklar																
	f	a	m1	m2	n1	n2	h1	h2	s	b	w	x1	x2	z1	z2	d	Ağırlık
	[mm]																[kg]
BM 32/125-0.75/2	335	80	100	70	190	140	112	140	14	50	242	–	–	–	–	–	27
BM 32/130-1,1/2	335	80	100	70	190	140	112	140	14	50	242	–	–	–	–	–	28
BM 32/140-1,5/2	335	80	100	70	190	140	112	140	14	50	242	–	–	–	–	–	29
BM 32/150-1,5/2	335	80	100	70	240	190	132	160	14	50	242	–	–	–	–	–	33
BM 32/160-2,2/2	345	80	100	70	240	190	132	160	14	50	245	–	–	–	–	–	34
BM 32/170-3/2	369	80	100	70	240	190	132	160	14	50	270	–	–	–	–	–	35
BM 32/155-3/2	403	80	100	70	240	190	132	160	14	50	280	–	–	–	–	–	49
BM 32/165-4/2	424	80	100	70	240	190	132	160	14	50	301	–	–	–	–	–	55
BM 32/175-5,5/2	424	80	100	70	240	190	132	160	14	50	301	–	–	–	–	–	65
BM 32/210-4/2	424	80	100	70	240	190	160	180	14	50	300	–	–	–	–	–	46
BM 32/190-4/2	424	80	100	70	240	190	160	180	14	50	300	–	–	–	–	–	47
BM 32/210-5,5/2	424	80	100	70	240	190	160	180	14	50	300	–	–	–	–	–	52
BM 32/215-7,5/2	424	80	100	70	240	190	160	180	14	50	300	–	–	–	–	–	59
BM 32/220-7,5/2	422	100	125	95	320	250	180	225	14	65	300	–	–	–	–	–	66
BM 32/230-9/2	526	100	125	95	320	250	180	225	14	65	385	–	–	–	–	–	81
BM 32/240-11/2	526	100	125	95	320	250	180	225	14	65	167	320	280	258	216	12	88
BM 32/250-13,5/2	564	100	125	95	320	250	180	225	14	65	185	320	280	258	216	12	94
BM 32/260-17/2	564	100	125	95	320	250	180	225	14	65	185	320	280	258	216	12	100
BM 40/125-1,5/2	335	80	100	70	210	160	112	140	14	50	242	–	–	–	–	–	31
BM 40/135-2,2/2	347	80	100	70	210	160	112	140	14	50	245	–	–	–	–	–	32

Wilo-Bloc-BM Ölçüler, Ağırlıklar

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-Bloc-BM ...	Nominal Çap Ölçüler ve Ağırlıklar																
	f	a	m1	m2	n1	n2	h1	h2	s	b	w	x1	x2	z1	z2	d	Ağırlık
	[mm]																[kg]
BM 40/145-3/2	371	80	100	70	210	160	112	140	14	50	270	–	–	–	–	–	35
BM 40/155-3/2	369	90	100	70	240	190	132	160	14	50	270	–	–	–	–	–	38
BM 40/155-4/2	383	90	100	70	240	190	132	160	14	50	261	–	–	–	–	–	41
BM 40/165-4/2	403	90	100	70	240	190	132	160	14	50	280	–	–	–	–	–	42
BM 40/165-5,5/2	410	90	100	70	240	190	132	160	14	50	285	–	–	–	–	–	50
BM 40/170-5,5/2	424	90	100	70	240	190	132	160	14	50	305	–	–	–	–	–	50
BM 40/175-7,5/2	424	90	100	70	240	190	132	160	14	50	305	–	–	–	–	–	54
BM 40/185-4/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	50
BM 40/190-5,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	54
BM 40/210-7,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	61
BM 40/195-7,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	60

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-Bloc-BM ...	Nominal Çap Ölçüler ve Ağırlıklar																
	f	a	m1	m2	n1	n2	h1	h2	s	b	w	x1	x2	z1	z2	d	Ağırlık
	[mm]																[kg]
BM 40/215-11/2	485	100	100	70	265	212	160	180	14	50	345	–	–	–	–	–	78
BM 40/220-9/2	526	100	125	95	320	250	180	225	14	65	385	–	–	–	–	–	87
BM 40/230-11/2	526	100	125	95	320	250	180	225	14	65	167	320	280	258	216	12	91
BM 40/255-15/2	564	100	125	95	320	250	180	225	14	65	185	320	280	258	216	12	96
BM 40/225-12,5/2	526	100	125	95	320	250	180	225	14	65	167	320	280	258	216	12	92
BM 40/235-15/2	526	100	125	95	320	250	180	225	14	65	167	320	280	258	216	12	96
BM 40/240-17/2	564	100	125	95	320	250	180	225	14	65	185	320	280	258	216	12	98
BM 40/250-18,5/2	650	100	125	95	320	250	180	225	14	65	138	410	370	320	255	14	137
BM 40/260-22/2	650	100	125	95	320	250	180	225	14	65	138	410	370	320	255	14	141
BM 50/120-2,2/2	347	100	100	70	240	190	132	160	14	50	245	–	–	–	–	–	38
BM 50/130-3/2	371	100	100	70	240	190	132	160	14	50	270	–	–	–	–	–	39
BM 50/140-4/2	396	100	100	70	240	190	132	160	14	50	275	–	–	–	–	–	44
BM 50/160-5,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	53
BM 50/170-7,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	60
BM 50/150-5,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	53
BM 50/165-7,5/2	424	100	100	70	265	212	160	180	14	50	305	–	–	–	–	–	60
BM 50/175-9/2	485	100	100	70	265	212	160	180	14	50	345	–	–	–	–	–	71
BM 50/200-9/2	490	102	100	70	265	212	162	202	14	50	350	–	–	–	–	–	77
BM 50/210-11/2	490	102	100	70	265	212	162	202	14	50	131	320	280	260	215	12	82
BM 50/215-15/2	528	102	100	70	265	212	162	202	14	50	149	320	280	260	215	12	89
BM 50/195-15/2	528	102	100	70	265	212	162	202	14	50	149	320	280	260	215	12	89
BM 50/205-17/2	528	102	100	70	265	212	162	202	14	50	149	320	280	260	215	12	90
BM 50/220-22/2	650	102	100	70	265	212	162	202	14	50	150	410	370	320	255	14	136
BM 50/225-17/2	564	100	125	95	320	250	180	225	14	65	185	320	280	260	215	12	94
BM 50/235-18,5/2	650	100	125	95	320	250	180	225	14	65	150	320	280	260	215	12	136
BM 50/235-20/2	650	100	125	95	320	250	180	225	14	65	150	320	280	260	215	12	138
BM 50/250-22/2	650	100	125	95	320	250	180	225	14	65	150	320	280	260	215	12	140

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-Bloc-BM Ölçüler, Ağırlıklar

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-Bloc-BM ...	Nominal Çap Ölçüler ve Ağırlıklar																
	f	a	m1	m2	n1	n2	h1	h2	s	b	w	x1	x2	z1	z2	d	Ağırlık
	[mm]																[kg]
BM 50/250-25/2	650	100	125	95	320	250	180	225	14	65	150	320	280	260	215	12	142
BM 50/260-30/2	675	100	125	95	320	250	180	225	14	65	140	410	370	320	255	14	249
BM 65/115-3/2	371	100	125	95	280	212	160	180	14	65	270	–	–	–	–	–	41
BM 65/125-4/2	393	100	125	95	280	212	160	180	14	65	275	–	–	–	–	–	46
BM 65/135-5,5/2	424	100	125	95	280	212	160	180	14	65	305	–	–	–	–	–	52
BM 65/145-7,5/2	424	100	125	95	280	212	160	180	14	65	305	–	–	–	–	–	58
BM 65/150-9/2	490	100	125	95	280	212	160	200	14	65	345	–	–	–	–	–	75
BM 65/160-11/2	490	100	125	95	280	212	160	200	14	65	131	320	280	260	215	12	81
BM 65/170-15/2	528	100	125	95	280	212	160	200	14	65	149	320	280	260	215	12	85
BM 65/180-15/2	528	100	125	95	320	250	180	225	14	65	149	320	280	260	215	12	93
BM 65/190-18,5/2	641	100	125	95	320	250	180	225	14	65	150	410	370	320	255	14	135
BM 65/200-22/2	641	100	125	95	320	250	180	225	14	65	150	410	370	320	255	14	141
BM 65/185-18,5/2	645	100	125	95	320	250	180	225	14	65	150	410	370	320	255	14	135
BM 65/195-22/2	650	100	125	95	320	250	180	225	14	65	150	410	370	320	255	14	141
BM 65/215-30/2	682	100	125	95	320	250	180	225	14	65	155	410	370	320	255	14	170
BM 65/220-22/2	676	100	160	120	360	200	202	250	18	80	192	320	254	309	264	12	245
BM 65/235-30/2	688	100	160	120	360	200	202	250	18	80	242	410	370	320	255	14	274
BM 65/250-37/2	688	100	160	120	360	280	202	252	18	80	256	355	305	395	315	18	285
BM 80/130-5,5/2	429	120	125	95	320	250	180	225	14	65	305	–	–	–	–	–	70
BM 80/140-7,5/2	429	120	125	95	320	250	180	225	14	65	305	–	–	–	–	–	83
BM 80/150-11/2	490	120	125	95	320	250	180	225	14	65	350	–	–	–	–	–	88
BM 80/160-15/2	490	120	125	95	320	250	180	225	14	65	131	320	280	260	215	12	93
BM 80/170-18,5/2	528	120	125	95	320	250	180	225	14	65	148	320	280	260	215	12	137
BM 80/180-22/2	650	120	125	95	320	250	180	225	14	65	149	410	370	320	255	14	139
BM 80/200-30/2	650	120	125	95	320	250	180	225	14	65	149	410	370	320	255	14	272
BM 80/210-37/2	760	120	125	95	345	280	180	250	14	65	235	410	370	320	255	14	280

Flanş Ölçüleri (emme tarafı)

Wilo-Bloc-BM ...	Nominal Flanş Çapı	Pompa Flanş Ölçüleri			
	DNA	D	K	C	[delik adeti x mm]
32	50	165	125	102	4 x 19
40	65	185	145	122	4 x 19
50	65	185	145	122	4 x 19
65	80	200	160	138	4 x 19
80	100	220	180	158	8 x 19
100	125	250	210	188	8 x 19
125	150	285	240	212	8 x 22

EN 1902-2'ye göre PN10 delikli

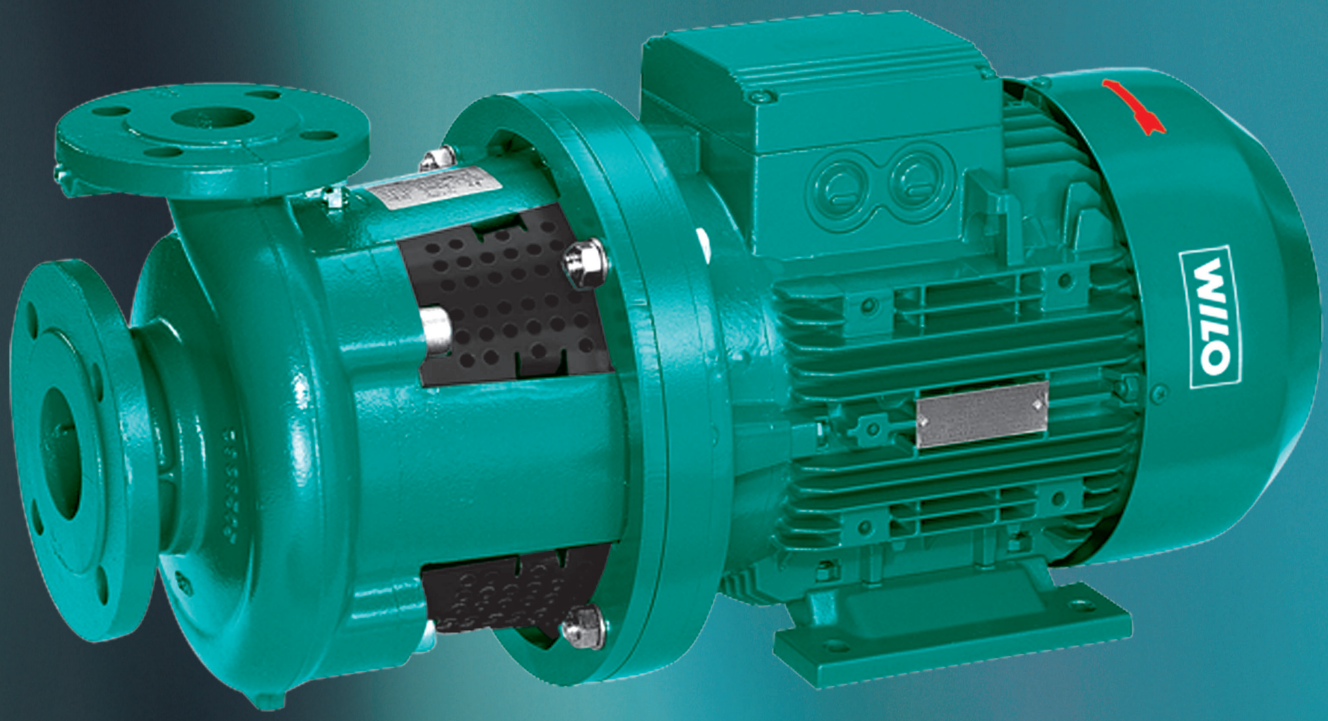
Wilo-Bloc-BM Ölçüler, Ağırlıklar

Flanş Ölçüleri (basma tarafı)

Wilo-Bloc-BM ...	Nominal Flanş Çapı	Pompa Flanş Ölçüleri			
	DNM	D	K	C	[delik adeti x mm]
32	32	140	100	78	4 x 19
40	40	150	110	88	4 x 19
50	50	165	125	102	4 x 19
65	65	185	145	122	4 x 19
80	80	200	160	138	4 x 19
100	100	220	180	158	8 x 19
125	125	250	210	188	8 x 19

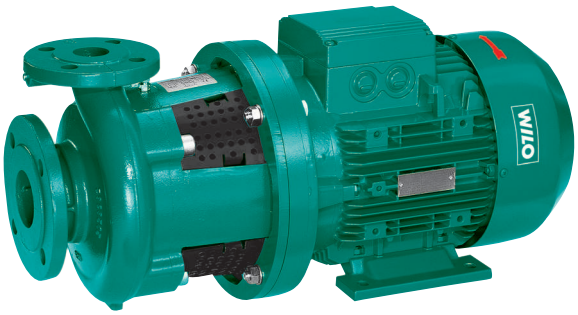
EN 1902-2'ye göre PN10 delikli

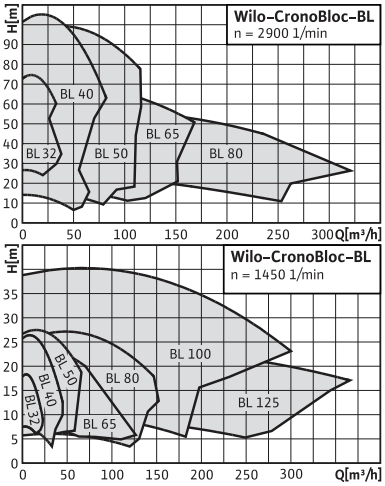
Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.



Wilo Cronobloc

Wilo-CronoBloc-BL





Dizayn

Kuru rotorlu(salmastralı), monoblok tip pompa, kaplinli, laternalı

Uygulama

Isıtma, Soğutma ve iklimlendirme uygulamalarında sıcak ve soğuk su, su-glikol karışımları (glikol oranı %20-40 ve akışkan sıcaklığı 40°C) transferi

Pompa Kodlaması

Örnek : **BL 40/160-4/2**

BL	Blok pompa
40	Basma flanşı nominal çapı DN
160	Nominal çark çapı
4	Nominal motor gücü P_2, kW
2	Kutup sayısı

Ürün Özellikleri / Faydalar

• Optimize edilmiş verimlilik ile ömür boyu maliyette düşüş
• Kataforez kaplama ile yüksek korozyon dayanımı
• Optimize edilmiş tasarımıyla kondensatın laternadan direkt tahliye edilebilmesi ile, soğutma tesisatlarında kullanım rahatlığı
• Motor gövdesindeki standart kondensat drenaj delikleri ile uzun motor ömrü
• Cebri soğutmalı iki yönlü mekanik salmastra
• Standart motorlar (IEC) ve salmastra kullanımı ile servis kolaylığı
• Ana ölçüler EN733'e (Norm pompalar için DIN standartı) uygun

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

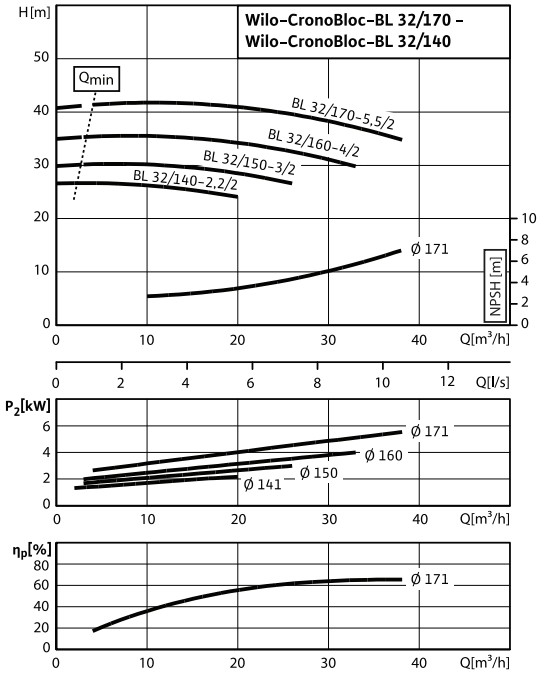
Wilo-CronoBloc-BL Teknik Özellikler

	Wilo- CronoBloc-BL
İzin Verilen Akışkanlar (diğer akışkanlar için danışınız)	
VDI 2035'e uygun ısıtma suyu	•
Su-glikol karışımları (glikol oranı %20-40 ve akışkan sıcaklığı ≤ 40°C)	•
Soğuk su	•
Isı transfer yağı	Özel versiyon
İzin Verilen Akışkanlar (diğer akışkanlar için danışınız)	
Standart Versiyon için maksimum çalışma basıncı [bar]	16 (+120°C maksimum) 13 (+140°C maksimum)
Sıcaklık Aralığı [°C]	-20 – +140
Maksimum ortam sıcaklığı [°C]	40
İç ortamda montaj	•
Dış ortamda montaj	Özel versiyon
Bağlantılar	
Nominal bağlantı çapı DN	32-125
Flanşlar (EN 1902-2)	PN 16
Flanş manometre bağlantı deliği	R $^{1}/_{8}$
Malzemeler	
Pompa gövdesi	EN-GJL-250 (EN-GJS-400 özel versiyon)
Laterna	EN-GJL-250 (EN-GJS-400 özel versiyon)
Çark (standart)	EN-GJL-200
Çark (özel versiyon)	G-CuSn10
Pompa mili	1.4122
Mekanik salmastra	AQEGG
Diğer mekanik salmastralar	Özel versiyon
Elektrik bağlantıları	
Voltaj	3~400 V, 50 Hz (diğerleri özel versiyon)
Hız [d/d]	1450/2900 1450-2900
Motor	
Entegre tam motor koruması	Özel versiyon: PTC termistör sensör (TRS)
Koruma sınıfı	IP 55
Yalıtım sınıfı	F
Motor sargıları ≤3 kW	230 V Δ/400 V Y, 50 Hz
Motor sargıları ≥ 4 kW	400 V Δ/690 V Y, 50 Hz

Wilo-CronoBloc-BL Karakteristik Eğriler

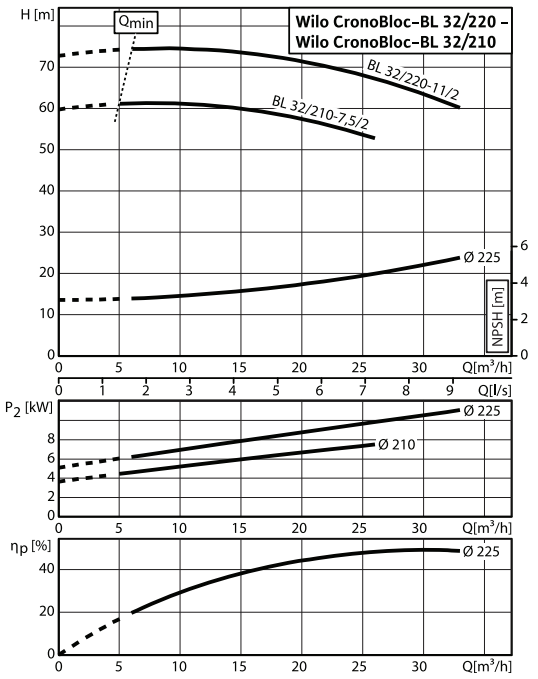
Wilo-CronoBloc-BL 32/140-2,2/2 - 32/170-5,5/2

Devir hızı 2900 d/d



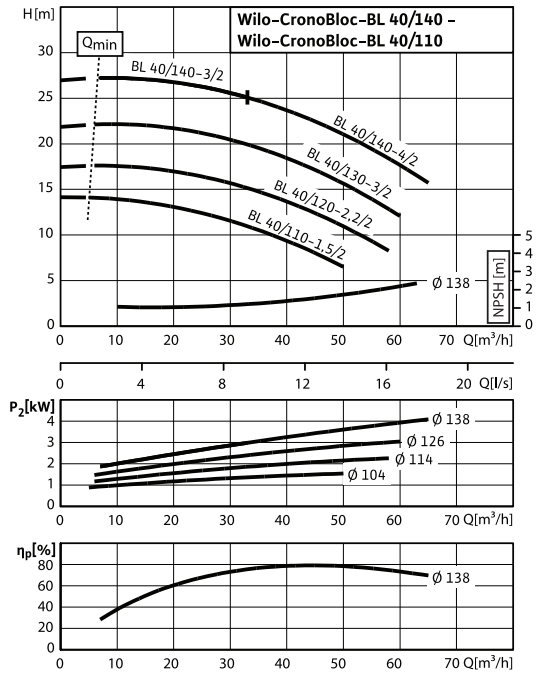
Wilo-CronoBloc-BL 32/210-7,5/2 - 32/220-11/2

Devir hızı 2900 d/d



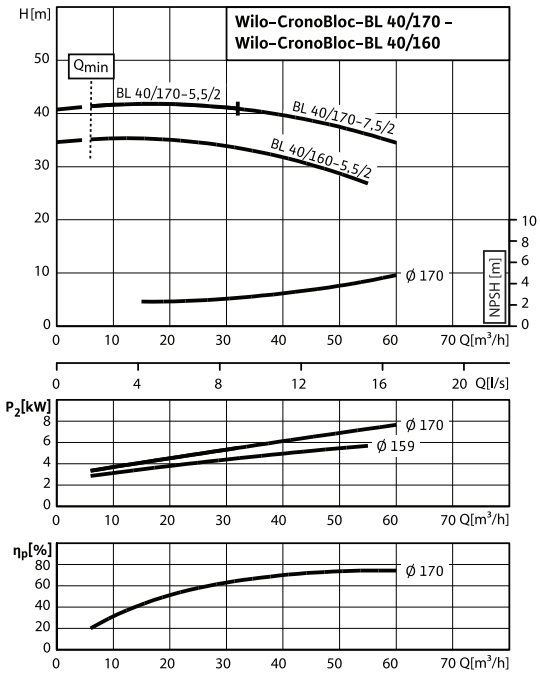
Wilo-CronoBloc-BL 40/110-1,5/2 - 40/140-4/2

Devir hızı 2900 d/d



Wilo-CronoBloc-BL 40/160-5,5/2 - 40/170-7,5/2

Devir hızı 2900 d/d

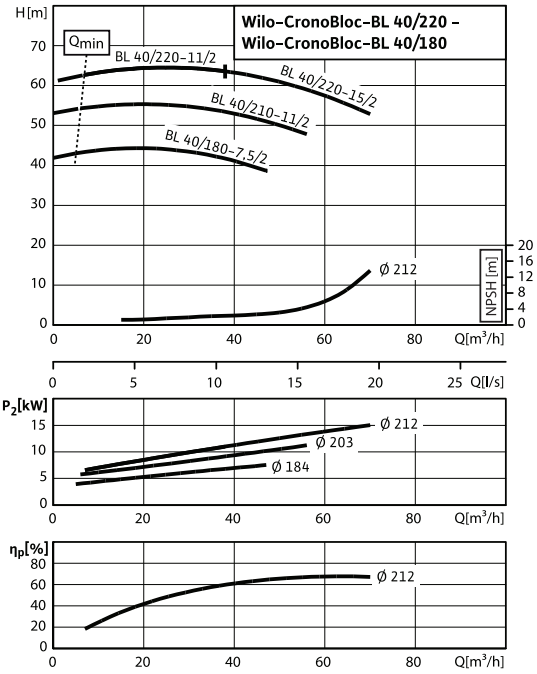


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Wilo-CronoBloc-BL Karakteristik Eğriler

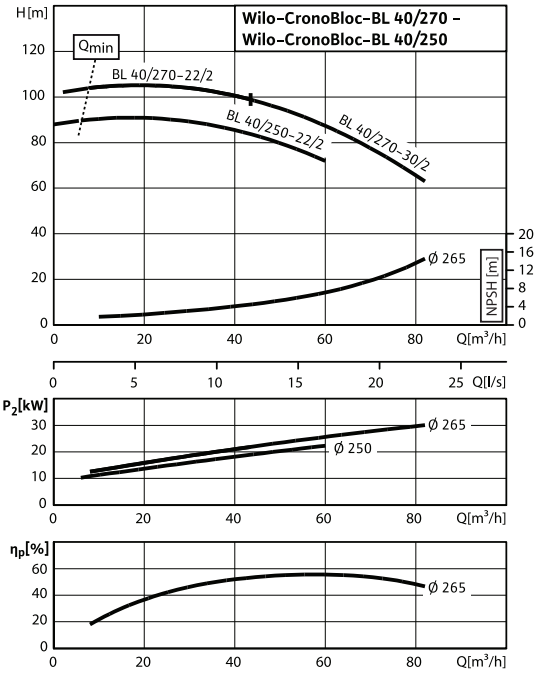
Wilo-CronoBloc-BL 40/180-7,5/2 – 40/220-15/2

Devir hızı 2900 d/d



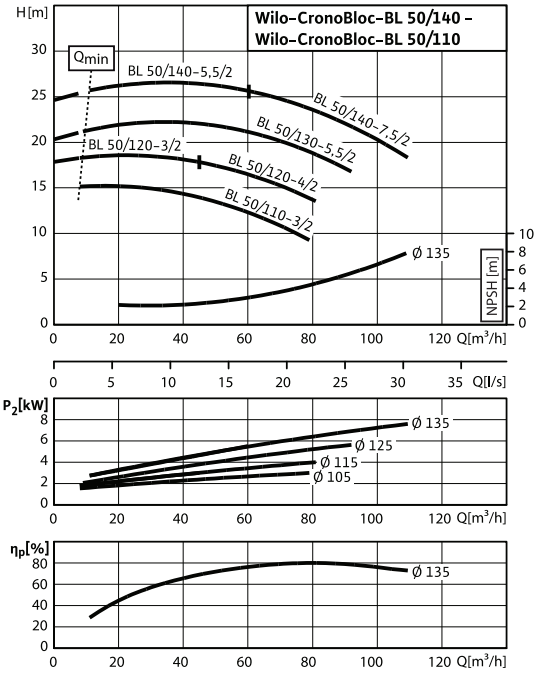
Wilo-CronoBloc-BL 40/250-22/2 – 40/270-30/2

Devir hızı 2900 d/d



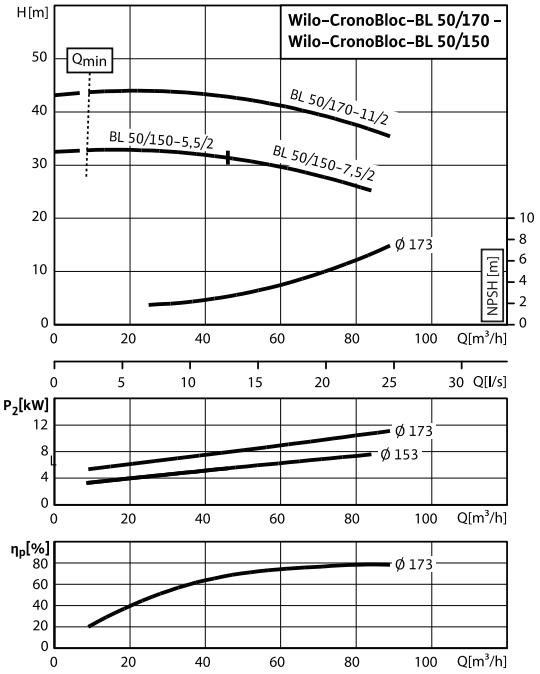
Wilo-CronoBloc-BL 50/110-3/2 – 50/140-7,5/2

Devir hızı 2900 d/d



Wilo-CronoBloc-BL 50/150-5,5/2 – 50/170-11/2

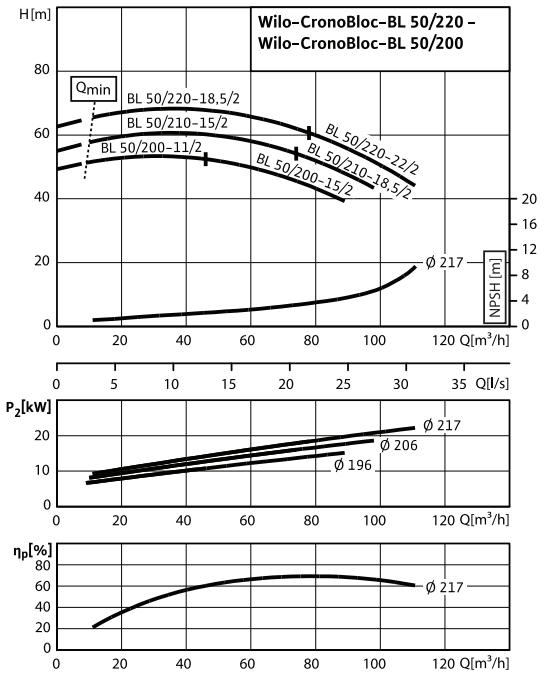
Devir hızı 2900 d/d



Wilo-CronoBloc-BL Karakteristik Eğriler

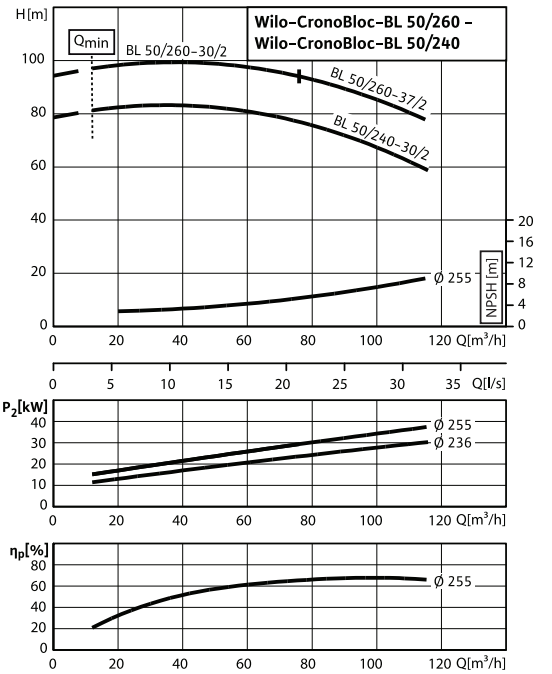
Wilo-CronoBloc-BL 50/200-11/2 - 50/220-22/2

Devir hızı 2900 d/d



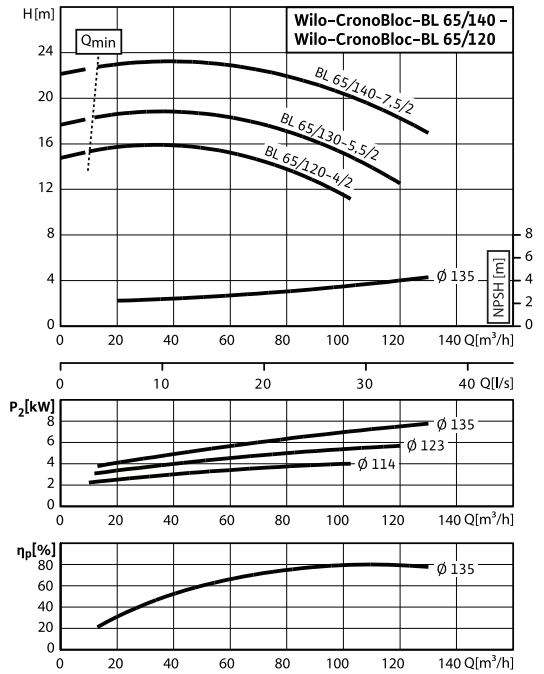
Wilo-CronoBloc-BL 50/240-30/2 - 50/260-37/2

Devir hızı 2900 d/d



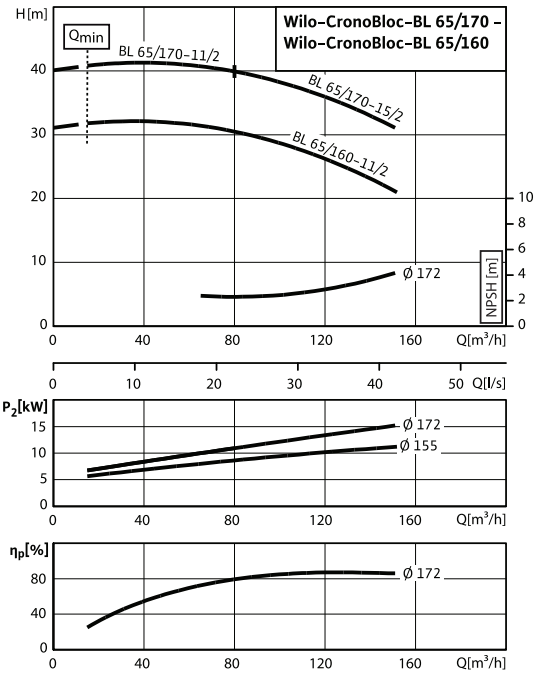
Wilo-CronoBloc-BL 65/120-4/2 - 65/140-7,5/2

Devir hızı 2900 d/d



Wilo-CronoBloc-BL 65/160-11/2 - 65/170-15/2

Devir hızı 2900 d/d

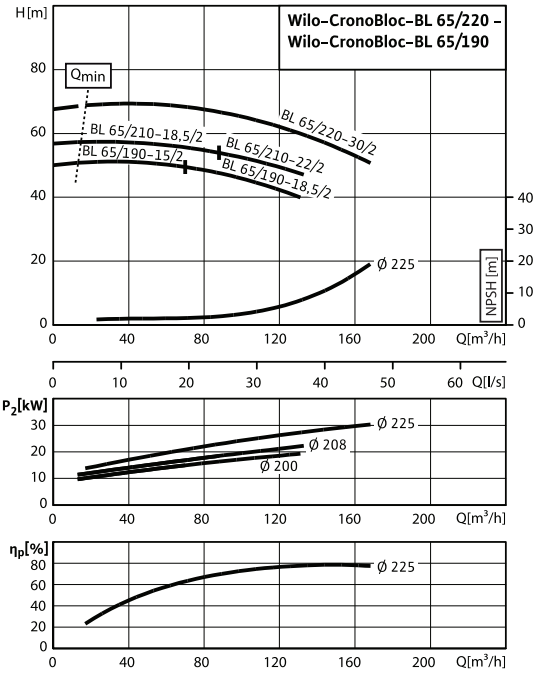


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-CronoBloc-BL Karakteristik Eğriler

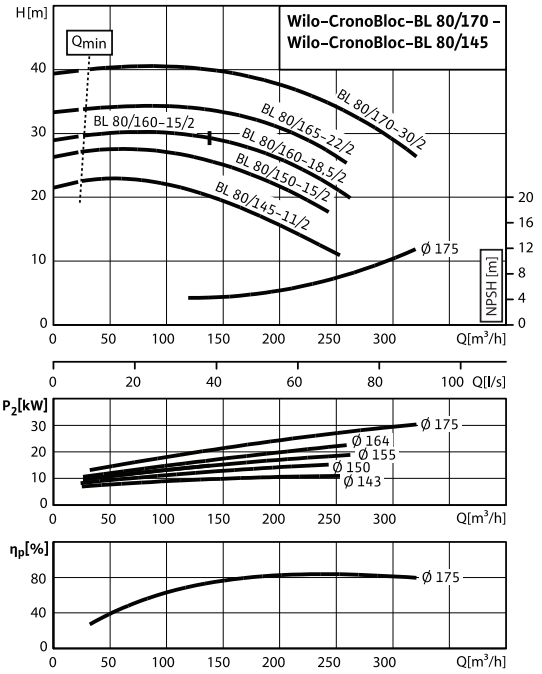
Wilo-CronoBloc-BL 65/190-15/2 - 65/220-30/2

Devir hızı 2900 d/d



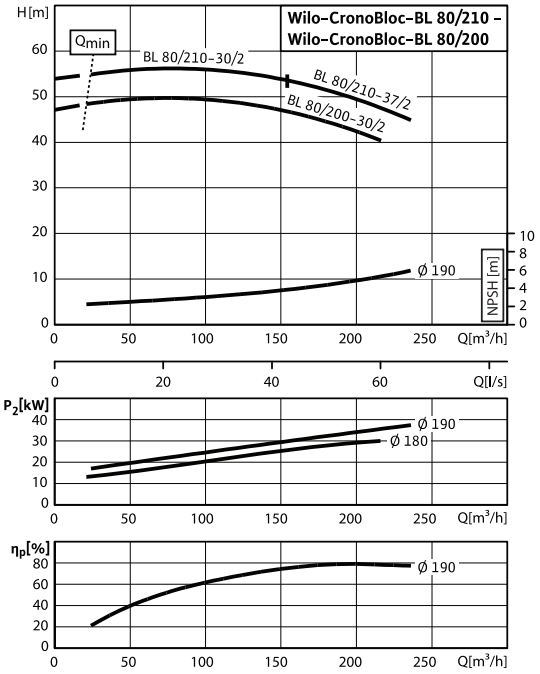
Wilo-CronoBloc-BL 80/145-11/2 - 80/170-30/2

Devir hızı 2900 d/d



Wilo-CronoBloc-BL 80/200-30/2 - 80/210-37/2

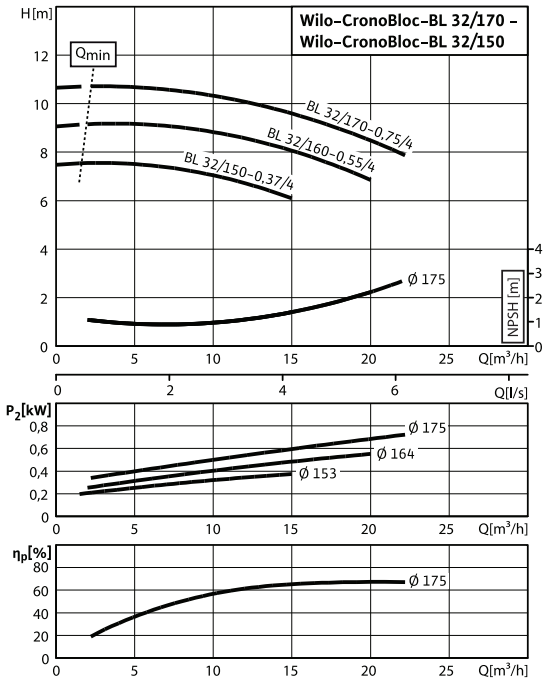
Devir hızı 2900 d/d



Wilo-CronoBloc-BL Karakteristik Eğriler

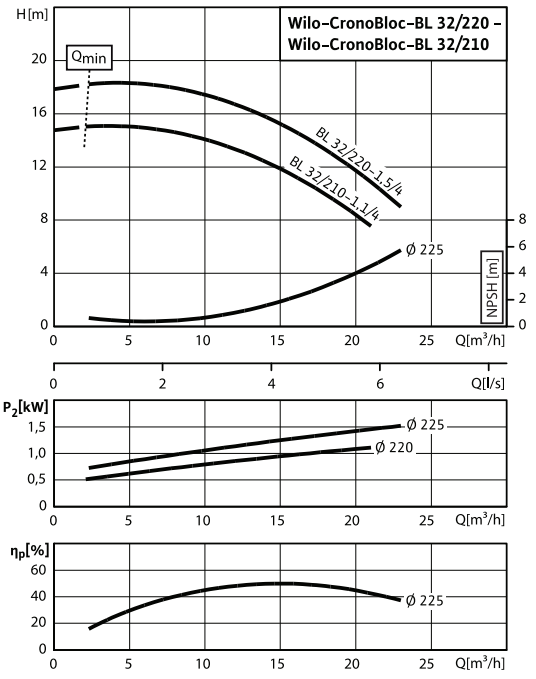
Wilo-CronoBloc-BL 32/150-0,37/4 - 32/170-0,75/4

Devir hızı 1450 d/d



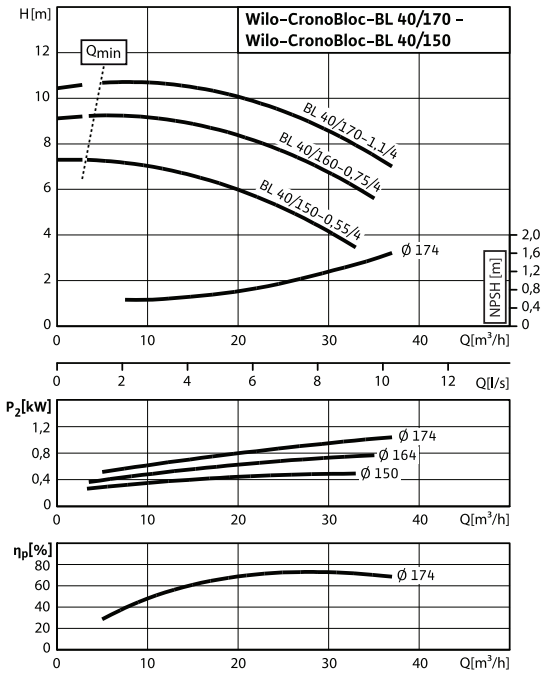
Wilo-CronoBloc-BL 32/210-1,1/4 - 32/220-1,5/4

Devir hızı 1450 d/d



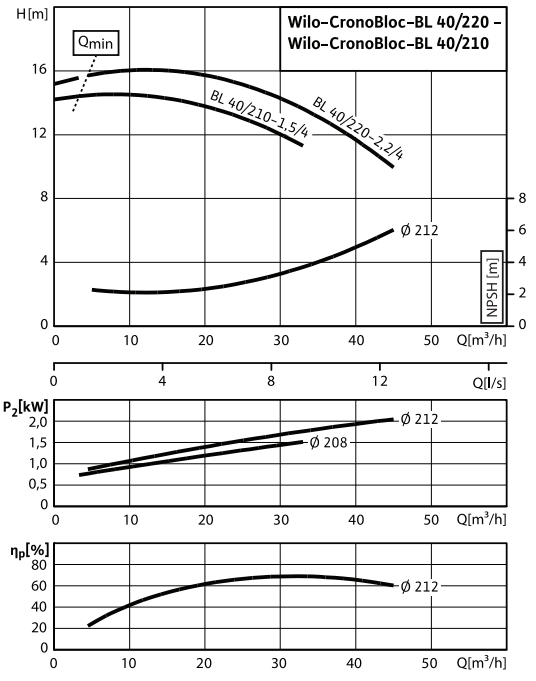
Wilo-CronoBloc-BL 40/150-0,55/4 - 40/170-1,1/4

Devir hızı 1450 d/d



Wilo-CronoBloc-BL 40/210-1,5/4 - 40/220-2,2/4

Devir hızı 1450 d/d

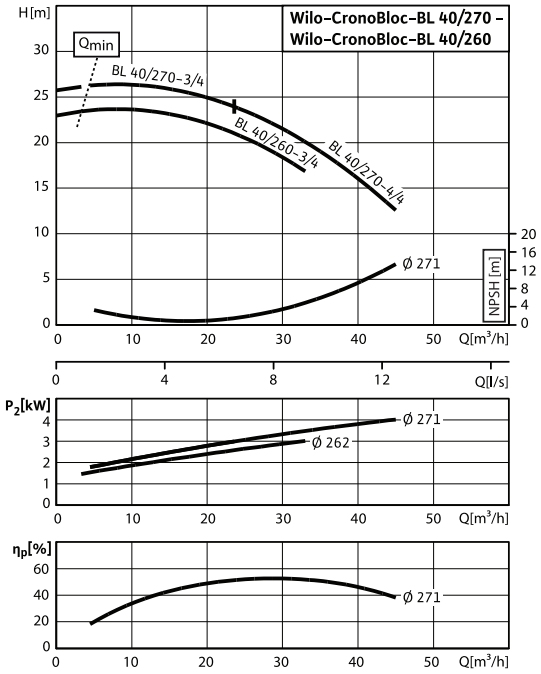


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-CronoBloc-BL Karakteristik Eğriler

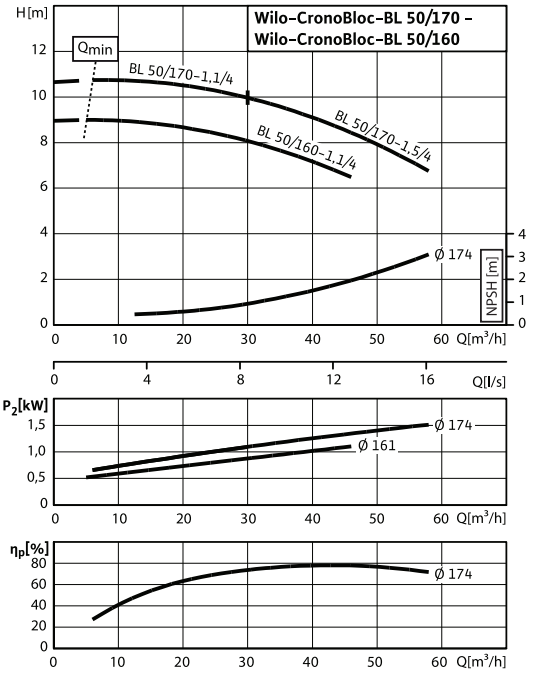
Wilo-CronoBloc-BL 40/260-3/4 – 40/270-4/4

Devir hızı 1450 d/d



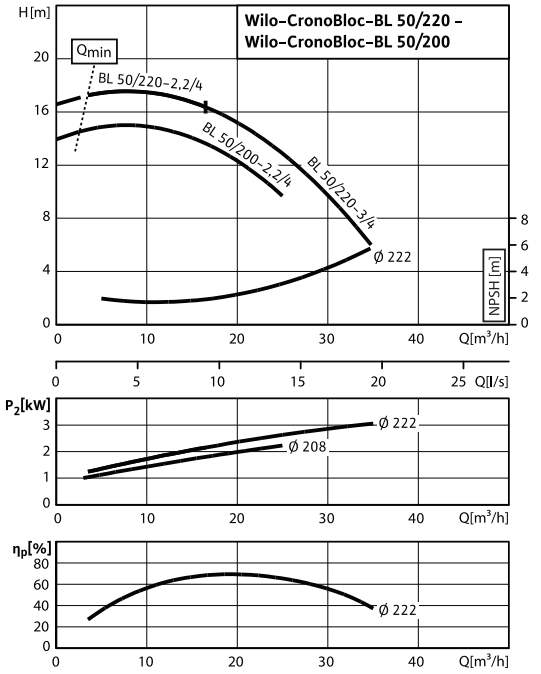
Wilo-CronoBloc-BL 50/160-1,1/4 – 50/170-1,5/4

Devir hızı 1450 d/d



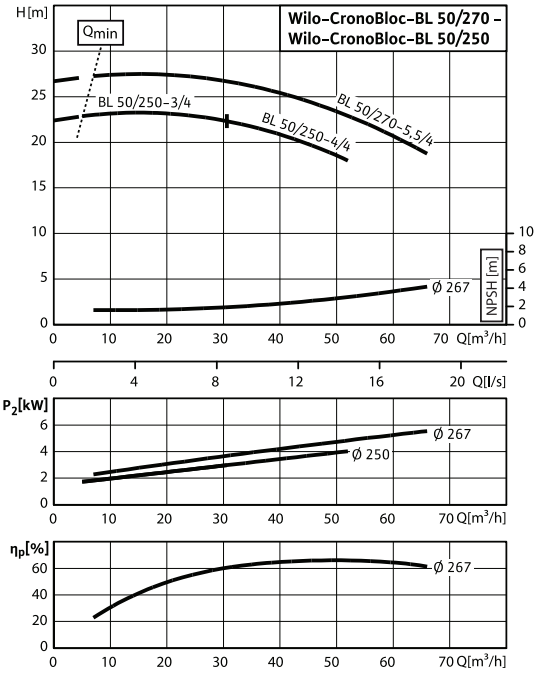
Wilo-CronoBloc-BL 50/200-2,2/4 – 50/220-3/4

Devir hızı 1450 d/d



Wilo-CronoBloc-BL 50/250-3/4 – 50/270-5,5/4

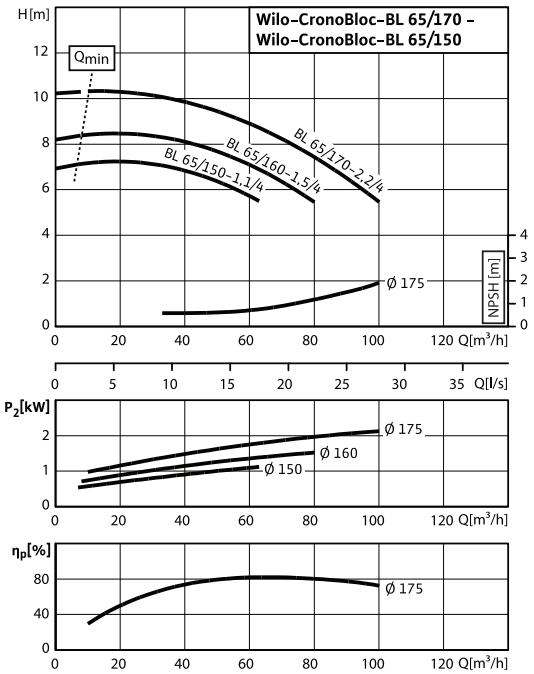
Devir hızı 1450 d/d



Wilo-CronoBloc-BL Karakteristik Eğriler

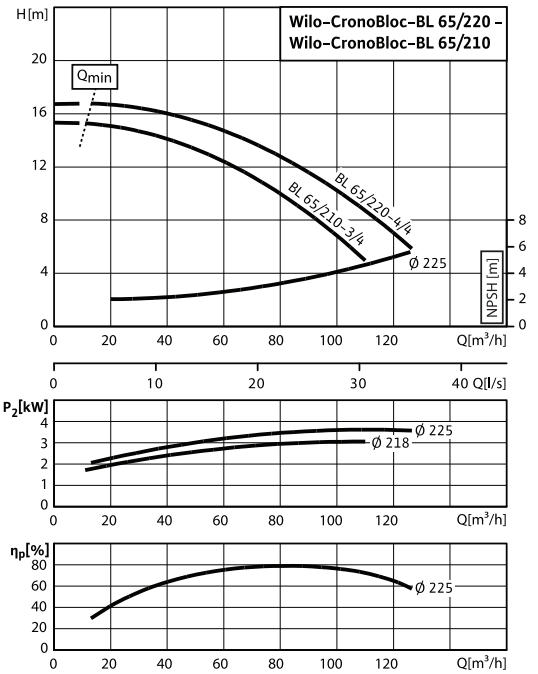
Wilo-CronoBloc-BL 65/150-1,1/4 - 65/170-2,2/4

Devir hızı 1450 d/d



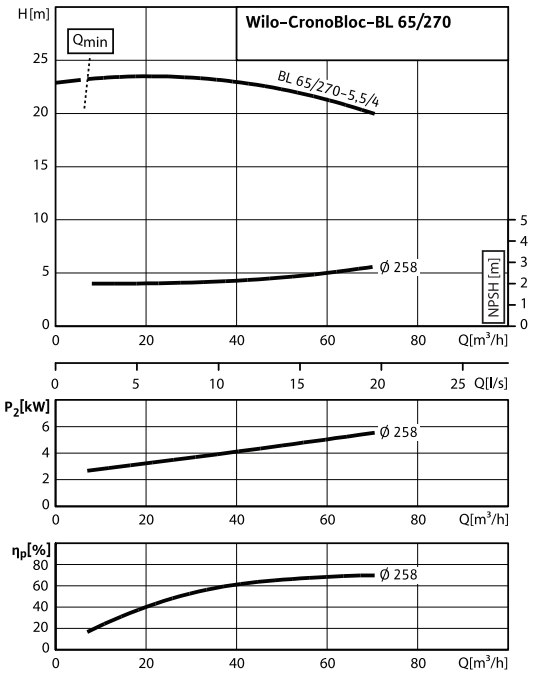
Wilo-CronoBloc-BL 65/210-3/4 - 65/220-4/4

Devir hızı 1450 d/d



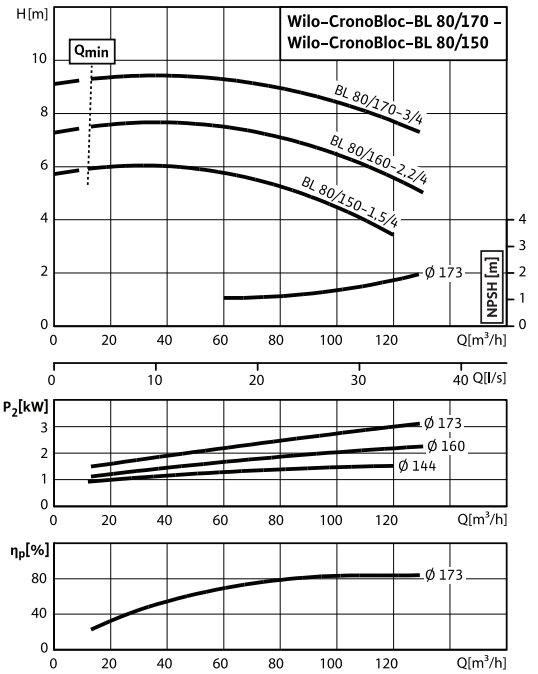
Wilo-CronoBloc-BL 65/270-5,5/4

Devir hızı 1450 d/d



Wilo-CronoBloc-BL 80/150-1,5/4 - 80/170-3/4

Devir hızı 1450 d/d

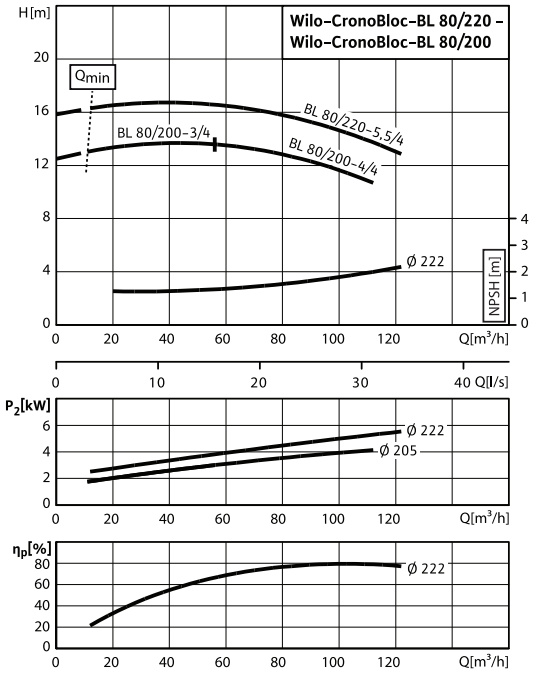


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-CronoBloc-BL Karakteristik Eğriler

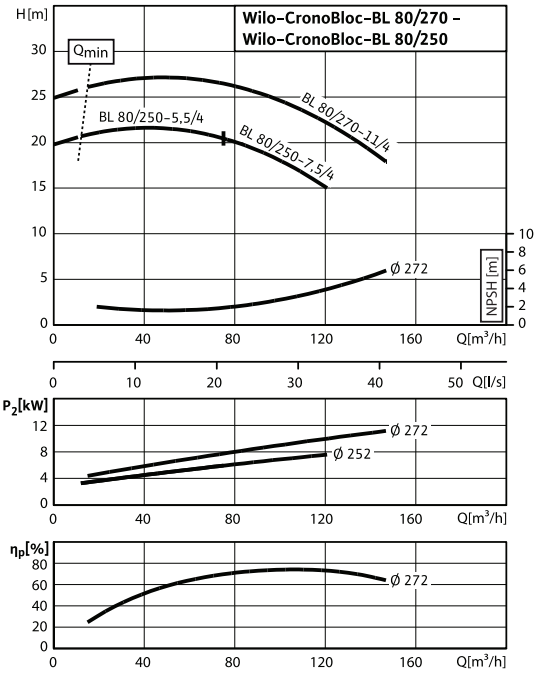
Wilo-CronoBloc-BL 80/200-3/4 – 80/220-5,5/4

Devir hızı 1450 d/d



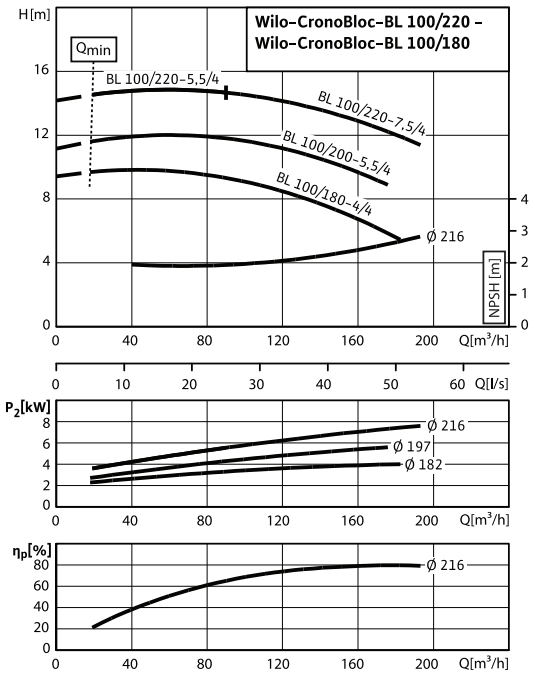
Wilo-CronoBloc-BL 80/250-5,5/4 – 80/270-11/4

Devir hızı 1450 d/d



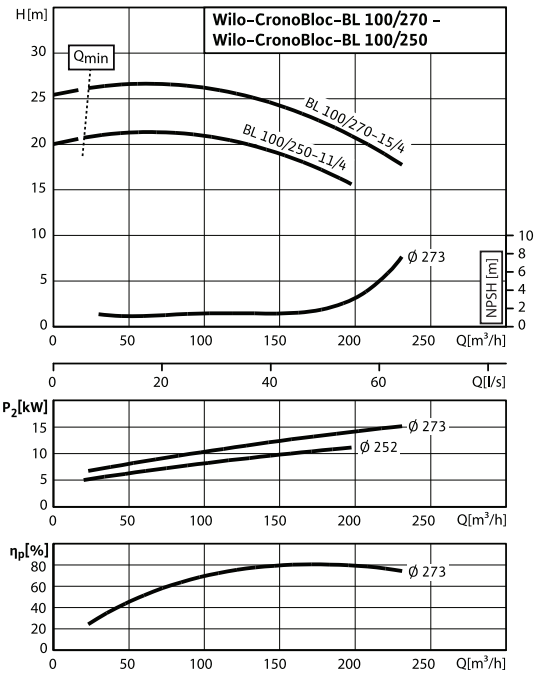
Wilo-CronoBloc-BL 100/180-4/4 – 100/220-7,5/4

Devir hızı 1450 d/d



Wilo-CronoBloc-BL 100/250-11/4 – 100/270-15/4

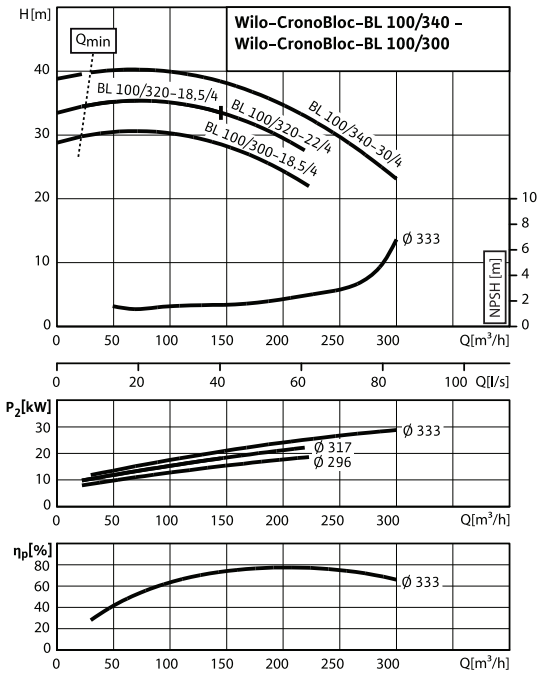
Devir hızı 1450 d/d



Wilo-CronoBloc-BL Karakteristik Eğriler

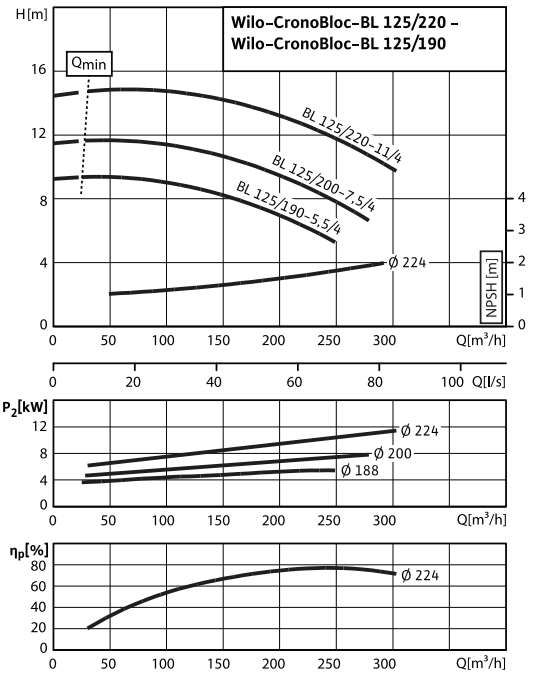
Wilo-CronoBloc-BL 100/300-18,5/4 - 100/340-30/4

Devir hızı 1450 d/d



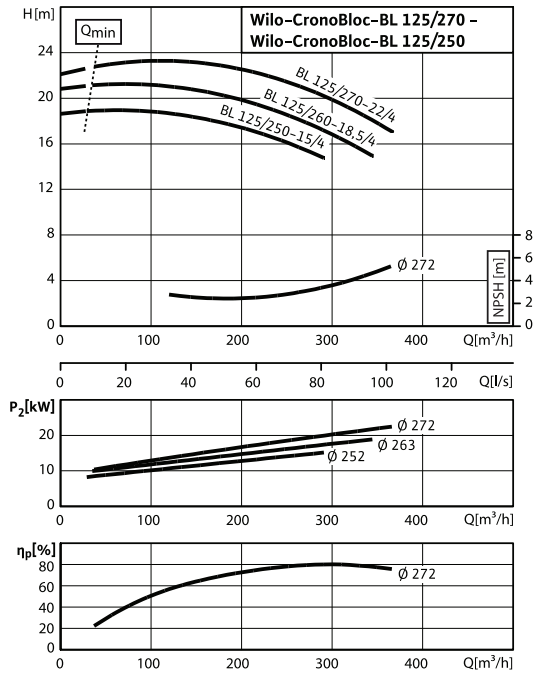
Wilo-CronoBloc-BL 125/190-5,5/4 - 125/220-11/4

Devir hızı 1450 d/d



Wilo-CronoBloc-BL 125/250-15/4 - 125/270-22/4

Devir hızı 1450 d/d

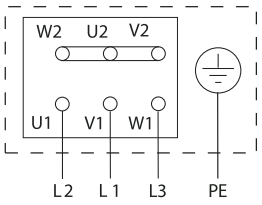


Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

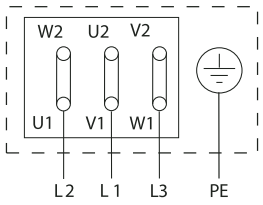
Wilo-CronoBloc-BL Bağlantı Şemaları, Motor Bilgileri

Bağlantı şeması

Y resim



Δ resim



Motor koruma svici kullanılmalıdır. Dönüş yönü kontrol edilmelidir. Dönüş yönünü değiştirmek için, herhangi iki fazı yer değiştirin

P2 ≤ 3 kW	3~400V Y
	3~230V Δ
P2 ≥ 4 kW	3~690V Y
	3~400V Δ

Köprüler kaldırılarak, Y- Δ kalkış mümkündür.

Motor Bilgileri (1450 d/d)

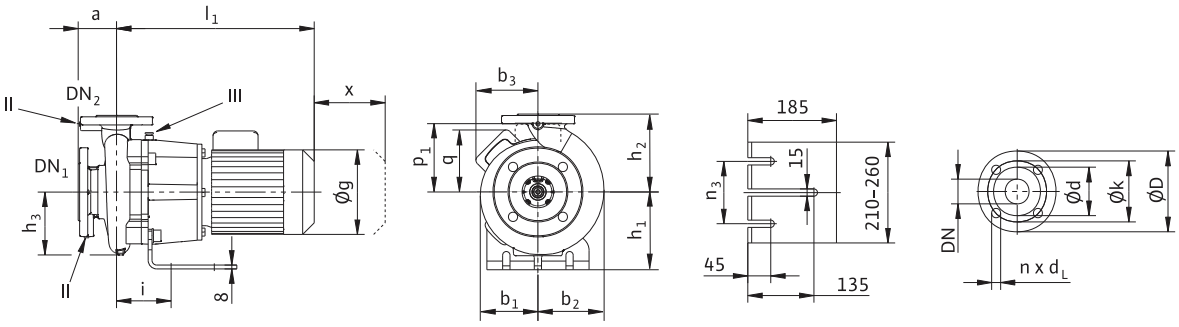
	Nominal Akım (yaklaşık)	Güç Faktörü	Verim
	I_N 3~400 V	cos φ	η_M
	[A]	–	
0.37 kW	1.06	0.78	0.65
0.55 kW	1.44	0.82	0.67
0.75 kW	1.91	0.81	0.72
1.1 kW	2.55	0.81	0.77
1.5 kW	3.40	0.81	0.79
2.2 kW	4.70	0.82	0.82
3 kW	6.40	0.82	0.83
4 kW	8.20	0.83	0.85
5.5 kW	11.40	0.81	0.86
7.5 kW	15.20	0.82	0.87
11 kW	21.50	0.84	0.89
15 kW	28.50	0.84	0.90
18.5 kW	35.50	0.83	0.91
22 kW	41.50	0.84	0.91

Motor Bilgileri (2900 d/d)

	Nominal Akım (yaklaşık)	Güç Faktörü	Verim
	I_N 3~400 V	cos φ	η_M
	[A]	–	
1.5 kW	3.25	0.85	0.79
2.2 kW	4.55	0.85	0.82
3 kW	6.10	0.85	0.84
4 kW	7.80	0.86	0.86
5.5 kW	10.40	0.89	0.86
7.5 kW	13.80	0.89	0.88
11 kW	20.00	0.88	0.90
15 kW	26.50	0.90	0.90
18.5 kW	32.00	0.91	0.91
22 kW	39.50	0.88	0.92
30 kW	53.00	0.89	0.92
37 kW	65.00	0.89	0.93

Wilo-CronoBloc-BL Ölçüler, Ağırlıklar

Pompa Ölçülü Resmi A



II : basınç ölçme R 1/8" , III : hava tahliye R 1/8"

Ölçüler, Ağırlıklar (1450 d/d)

Wilo-CronoBloc-BL ...	Nominal Çap		Ölçüler														Ağırlık (yaklaşık)
	DN_1	DN_2	a	b_1	b_2	b_3	Ø g	h_1	h_2	h_3	i	l_{1max}	n_3	p_1	q	x	M
	[mm]																[kg]
32/150-0.37/4	50	32	80	113	129	118	145	160	160	122	110	398	130	–	118	95	41
32/160-0.55/4	50	32	80	113	129	124	188	160	160	122	110	423	130	–	124	95	43
32/170-0.75/4	50	32	80	113	129	124	188	160	160	122	110	423	130	–	124	95	45
32/210-1.1/4	50	32	80	145	149	–	193	180	180	145	117	460	180	151	–	100	50
32/220-1.5/4	50	32	80	145	149	–	193	180	180	145	117	460	180	151	–	100	54
40/150-0.55/4	65	40	80	120	135	124	188	160	160	132	114	423	130	–	124	100	45
40/160-0.75/4	65	40	80	120	135	124	188	160	160	132	114	423	130	–	124	100	47
40/170-1.1/4	65	40	80	120	135	145	193	160	160	132	114	403	130	–	145	100	51
40/210-1.5/4	65	40	100	145	151	–	193	180	180	145	124	467	180	151	–	100	56
40/220-2.2/4	65	40	100	145	151	–	217	180	180	145	124	511	180	160	–	100	65
40/260-3/4	65	40	100	174	178	–	217	200	225	160	123	510	180	160	–	110	74
40/270-3/4	50	40	100	174	178	–	217	200	225	160	123	510	180	160	–	110	74
40/270-4/4	65	40	100	174	178	–	232	200	225	160	123	588	180	178	–	110	81
50/160-1.1/4	65	50	100	127	147	145	193	160	180	152	122	471	130	–	145	120	52
50/170-1.1/4	65	50	100	127	147	145	193	160	180	152	122	471	130	–	145	120	52
50/170-1.5/4	65	50	100	127	147	149	193	160	180	152	122	471	130	–	149	120	56
50/200-2.2/4	65	50	100	153	172	–	217	180	200	159	124	511	180	160	–	110	68
50/220-2.2/4	65	50	100	153	172	–	217	180	200	159	124	511	180	160	–	110	68
50/220-3/4	65	50	100	153	172	–	217	180	200	159	124	511	180	160	–	110	71
50/250-3/4	65	50	100	174	186	–	217	200	225	179	131	518	180	160	–	110	78
50/250-4/4	65	50	100	174	186	–	232	200	225	179	131	596	180	178	–	110	84
65/150-1.1/4	80	65	100	136	162	145	193	160	200	155	130	479	130	–	145	120	60
65/160-1.5/4	80	65	100	136	162	149	193	160	200	155	130	479	130	–	149	120	64
65/170-2.2/4	80	65	100	136	162	156	217	160	200	155	130	523	130	–	156	120	75
65/210-3/4	80	65	100	156	181	–	217	200	225	170	139	525	180	160	–	120	76
65/220-4/4	80	65	100	156	181	–	232	200	225	170	139	603	180	178	–	120	76
80/150-1.5/4	100	80	125	160	196	149	193	180	225	178	137	486	130	–	149	135	74

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-CronoBloc-BL Ölçüler, Ağırlıklar

Ölçüler, Ağırlıklar (1450 d/d)

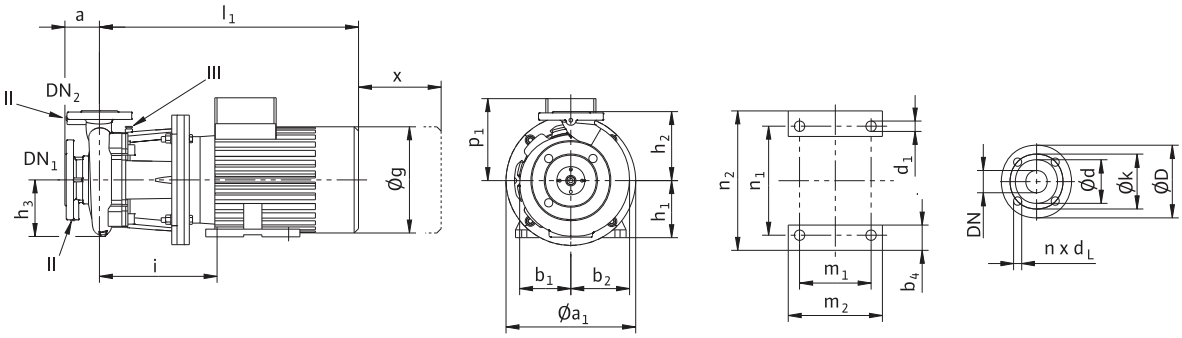
Wilo-CronoBloc-BL ...	Nominal Çap		Ölçüler														Ağırlık (yaklaşık)
	DN_1	DN_2	a	b_1	b_2	b_3	Ø g	h_1	h_2	h_3	i	l_{1max}	n_3	p_1	q	x	M
	[mm]																[kg]
80/160-2.2/4	100	80	125	160	196	156	217	180	225	178	137	530	130	–	156	135	86
80/170-3/4	100	80	125	160	196	156	217	180	225	178	137	530	130	–	156	135	88
80/200-3/4	100	80	125	170	197	–	217	200	250	178	143	530	182	178	–	120	86
80/200-4/4	100	80	125	170	197	–	232	200	250	178	143	608	180	178	–	120	92
100/180-4/4	125	100	125	176	211	0	232	200	280	196	156	621	180	178	0	120	96

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-CronoBloc-BL ...	Nominal Çap		Ölçüler														Ağırlık (yaklaşık)
	DN_1	DN_2	a	b_1	b_2	b_3	Ø g	h_1	h_2	h_3	i	l_{1max}	n_3	p_1	q	x	M
	[mm]																[kg]
32/140-2.2/2	50	32	80	113	129	149	193	160	160	122	110	463	130	–	149	95	52
32/150-3/2	50	32	80	113	129	156	217	160	160	122	110	506	130	–	156	95	61
32/160-4/2	50	32	80	113	129	168	232	160	160	122	110	584	130	–	168	95	68
40/110-1.5/2	65	40	80	101	119	145	193	160	140	111	114	461	130	–	145	100	42
40/120-2.2/2	65	40	80	101	119	149	193	160	140	111	114	461	130	–	149	100	46
40/130-3/2	65	40	80	101	119	156	217	160	140	111	114	505	130	–	156	100	57
40/140-3/2	65	40	80	101	119	156	217	160	140	111	114	505	130	–	156	100	57
40/140-4/2	65	40	80	101	119	168	232	160	140	111	114	583	130	–	168	100	64
50/110-3/2	65	50	100	111	133	156	217	160	160	124	121	512	130	–	156	110	61
50/120-3/2	65	50	100	111	133	156	217	160	160	124	121	512	130	–	156	110	61
50/120-4/2	65	50	100	111	133	168	232	160	160	124	121	590	130	–	168	110	68
65/120-4/2	80	65	100	123	151	168	232	160	180	155	127	595	130	–	168	120	74

Wilo-CronoBloc-BL Ölçüler, Ağırlıklar

Pompa Ölçülü Resmi B



II : basınç ölçme R 1/8" , III : hava tahliye R 1/8"

Ölçüler, Ağırlıklar (1450 d/d)

Wilo-CronoBloc-BL ...	Nominal Çap		Ölçüler																		Ağırlık (yaklaşık)
	DN_1	DN_2	a	Ø a1	b_1	b_2	b_4	d_1	Ø g	h_1	h_2	h_3	i	l_{1max}	m_1	m_2	n_1	n_2	p_1	x	M
	[mm]																				[kg]
50/270-5.5/4	65	50	100	300	174	186	53	12	279	132	225	179	306	652	140	180	216	256	188	110	99
65/270-5.5/4	80	65	100	300	184	203	53	12	279	132	250	196	304	650	140	180	216	256	188	115	106
80/220-5.5/4	100	80	125	300	170	197	53	12	279	132	250	178	318	664	140	180	216	256	188	120	106
80/250-5.5/4	100	80	125	300	192	218	53	12	279	132	280	199	309	655	140	180	216	256	188	120	113
80/250-7.5/4	100	80	125	300	192	218	53	12	323	132	280	199	309	696	178	218	216	256	188	120	121
80/270-11/4	100	80	125	350	192	218	60	15	323	160	280	199	369	778	210	256	254	300	250	120	157
100/200-5.5/4	125	100	125	300	176	211	53	12	279	132	280	196	331	677	140	180	216	256	188	120	111
100/220-5.5/4	125	100	125	300	176	211	53	12	279	132	280	196	331	677	140	180	216	256	188	120	111
100/220-7.5/4	125	100	125	300	176	211	53	12	323	132	280	196	331	718	178	218	216	256	188	120	119
100/250-11/4	125	100	140	350	200	232	60	15	323	160	280	222	383	792	210	256	254	300	250	130	173
100/270-15/4	125	100	140	350	200	232	60	15	370	160	280	222	383	835	254	300	254	300	250	130	185
100/300-18.5/4	125	100	140	350	265	297	70	15	370	180	315	248	417	898	241	287	279	339	294	140	250
100/320-18.5/4	125	100	140	350	265	297	70	15	370	180	315	248	417	898	241	287	279	339	294	140	250
100/320-22/4	125	100	140	350	265	297	70	15	370	180	315	248	417	926	279	325	279	339	294	140	270
100/340-30/4	125	100	140	400	265	297	83	19	415	200	315	248	429	986	305	355	318	388	306	140	306
125/190-5.5/4	150	125	140	300	235	279	53	12	279	132	355	256	343	689	140	180	216	256	188	140	128
125/200-7.5/4	150	125	140	300	235	279	53	12	323	132	355	256	343	730	178	218	216	256	188	140	136
125/220-11/4	150	125	140	350	235	279	60	15	323	160	355	256	404	813	210	256	254	300	250	140	170
125/250-15/4	150	125	140	350	235	279	60	15	370	160	355	256	419	871	254	300	254	300	250	140	231
125/260-18.5/4	150	125	140	350	235	279	70	15	370	180	355	256	432	913	241	287	279	339	294	140	259
125/270-22/4	150	125	140	350	235	279	70	15	370	180	355	256	432	941	279	325	279	339	294	140	269

Değişiklik yapma hakkı saklıdır 2010 WILO A.Ş.

Wilo-CronoBloc-BL Ölçüler, Ağırlıklar

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-CronoBloc-BL ...	Nominal Çap		Ölçüler																		Ağırlık (yaklaşık)
	DN 1	DN 2	a	Ø a1	b_1	b_2	b_4	d_1	Ø g	h_1	h_2	h_3	i	l_{1max}	m_1	m_2	n_1	n_2	p_1	x	M
	[mm]																				[kg]
32/170-5.5/2	50	32	80	325	113	129	53	12	279	132	160	122	284	630	140	180	216	256	188	95	78
32/210-7.5/2	50	32	80	325	145	149	53	12	279	132	180	145	292	638	140	180	216	256	188	100	92
32/220-11/2	50	32	80	350	145	149	60	15	323	160	180	145	352	761	210	256	254	300	250	100	123
40/160-5.5/2	65	40	80	325	120	135	53	12	279	132	160	132	285	631	140	180	216	256	188	100	83
40/170-5.5/2	65	40	80	325	120	135	53	12	279	132	160	132	285	631	140	180	216	256	188	100	84
40/170-7.5/2	65	40	80	325	120	135	53	12	279	132	160	132	285	631	140	180	216	256	188	100	93
40/180-7.5/2	65	40	100	325	145	151	53	12	279	132	180	145	299	645	140	180	216	256	188	100	94
40/210-11/2	65	40	100	350	145	151	60	15	323	160	180	145	359	768	210	256	254	300	250	100	125
40/220-11/2	65	40	100	350	145	151	60	15	323	160	180	145	359	768	210	256	254	300	250	100	125
40/220-15/2	65	40	100	350	145	151	60	15	323	160	180	145	359	768	210	256	254	300	250	100	136
40/250-22/2	65	40	100	350	174	178	70	15	415	180	225	160	373	854	241	287	279	339	294	110	191
40/270-22/2	50	40	100	350	174	178	70	15	370	180	225	160	373	854	241	287	279	339	294	110	191
40/270-30/2	65	40	100	400	174	178	83	19	415	200	225	160	402	959	305	355	318	388	306	110	239
50/130-5.5/2	65	50	100	325	111	133	53	12	279	132	160	124	296	642	140	180	216	256	188	110	77
50/140-5.5/2	65	50	100	300	111	133	53	12	279	132	160	124	296	642	140	180	216	256	188	110	77
50/140-7.5/2	65	50	100	325	111	133	53	12	279	132	160	124	296	642	140	180	216	256	188	110	85
50/150-5.5/2	65	50	100	325	127	147	53	12	279	132	180	152	293	639	140	180	216	256	188	120	85
50/150-7.5/2	65	50	100	325	127	147	53	12	279	132	180	152	293	639	140	180	216	256	188	120	95
50/170-11/2	65	50	100	350	127	147	60	15	323	160	180	152	362	771	210	256	254	300	250	120	117
50/200-11/2	65	50	100	350	153	172	60	15	323	160	200	159	359	768	210	256	254	300	250	110	129
50/200-15/2	65	50	100	350	153	172	60	15	323	160	200	159	359	768	210	256	254	300	250	110	140
50/210-15/2	65	50	100	350	153	172	60	15	323	160	200	159	359	768	210	256	254	300	250	110	140
50/210-18.5/2	65	50	100	350	153	172	60	15	323	160	200	159	359	811	254	300	254	300	250	110	153
50/220-18.5/2	65	50	100	350	153	172	60	15	370	160	200	159	359	811	254	300	254	300	250	110	153
50/220-22/2	65	50	100	350	153	172	70	15	415	180	200	159	372	853	241	287	279	339	294	110	175
50/240-30/2	65	50	100	400	174	186	83	19	415	200	225	179	410	967	305	355	318	388	306	110	244
50/260-30/2	65	50	100	400	174	186	83	19	415	200	225	179	410	967	305	355	318	388	306	110	244
50/260-37/2	65	50	100	400	174	186	83	19	415	200	225	179	410	967	305	355	318	388	306	110	267
65/130-5.5/2	80	65	100	325	123	151	53	12	279	132	180	155	301	647	140	180	216	256	188	120	83
65/140-7.5/2	80	65	100	325	123	151	53	12	279	132	180	155	301	647	140	180	216	256	188	120	91
65/160-11/2	80	65	100	350	136	162	60	15	323	160	200	155	370	779	210	256	254	300	250	120	125
65/170-11/2	80	65	100	350	136	162	60	15	323	160	200	155	370	822	210	256	254	300	250	120	125
65/170-15/2	80	65	100	350	136	162	60	15	323	160	200	155	370	779	210	256	254	300	250	120	138
65/190-15/2	80	65	100	350	156	181	60	15	323	160	225	170	374	826	210	256	254	300	250	120	144
65/190-18.5/2	80	65	100	350	156	181	60	15	323	160	225	170	374	826	254	300	254	300	250	120	157
65/210-18.5/2	80	65	100	350	156	181	60	15	370	160	225	170	374	826	254	300	254	300	250	120	157
65/210-22/2	80	65	100	350	156	181	70	15	415	180	225	170	387	868	241	287	279	339	294	120	180
65/220-30/2	80	65	100	400	156	181	83	19	415	200	225	170	399	956	305	355	318	388	306	120	234
80/145-11/2	100	80	125	350	160	196	60	15	323	160	225	178	377	786	210	256	254	300	250	135	136
80/150-15/2	100	80	125	350	160	196	60	15	323	160	225	178	377	786	210	256	254	300	250	135	149
80/160-15/2	100	80	125	350	160	196	60	15	323	160	225	178	377	786	210	256	254	300	250	135	149
80/160-18.5/2	100	80	125	350	160	196	60	15	323	160	225	178	377	829	254	300	254	300	250	135	166
80/165-22/2	100	80	125	350	160	196	70	15	415	180	225	178	390	871	241	287	279	339	294	135	181

Wilo-CronoBloc-BL Ölçüler, Ağırlıklar

Ölçüler, Ağırlıklar (2900 d/d)

Wilo-CronoBloc-BL ...	Nominal Çap		Ölçüler																		Ağırlık (yaklaşık)
	DN 1	DN 2	a	Ø a1	b_1	b_2	b_4	d_1	Ø g	h_1	h_2	h_3	i	l_{1max}	m_1	m_2	n_1	n_2	p_1	x	M
	[mm]																				[kg]
80/170-30/2	100	80	125	400	160	196	83	19	415	200	225	178	402	959	305	355	318	388	306	135	236
80/200-30/2	100	80	125	400	170	197	83	19	415	200	250	178	403	960	305	355	318	388	306	120	244
80/210-30/2	100	80	125	400	170	197	83	19	415	200	250	178	403	960	305	355	318	388	306	120	244
80/210-37/2	100	80	125	400	170	197	83	19	415	200	250	178	403	960	305	355	318	388	306	120	267

Flanş Ölçüleri (emme tarafı)

Wilo-CronoBloc-BL ...	Nominal Flanş Çapı	Pompa Flanş Ölçüleri			
	DN_1	Ø D_1	Ø d_1	Ø k_1	n x d_{L1}
	[mm]				[delik adeti x mm]
32...	50	165	99	125	4 x 19
40...	65	185	118	145	4 x 19
50...	65	185	118	145	4 x 19
65...	80	200	132	160	8 x 19
80...	100	220	156	180	8 x 19
100...	125	250	184	210	8 x 19
125...	150	285	211	240	8 x 23

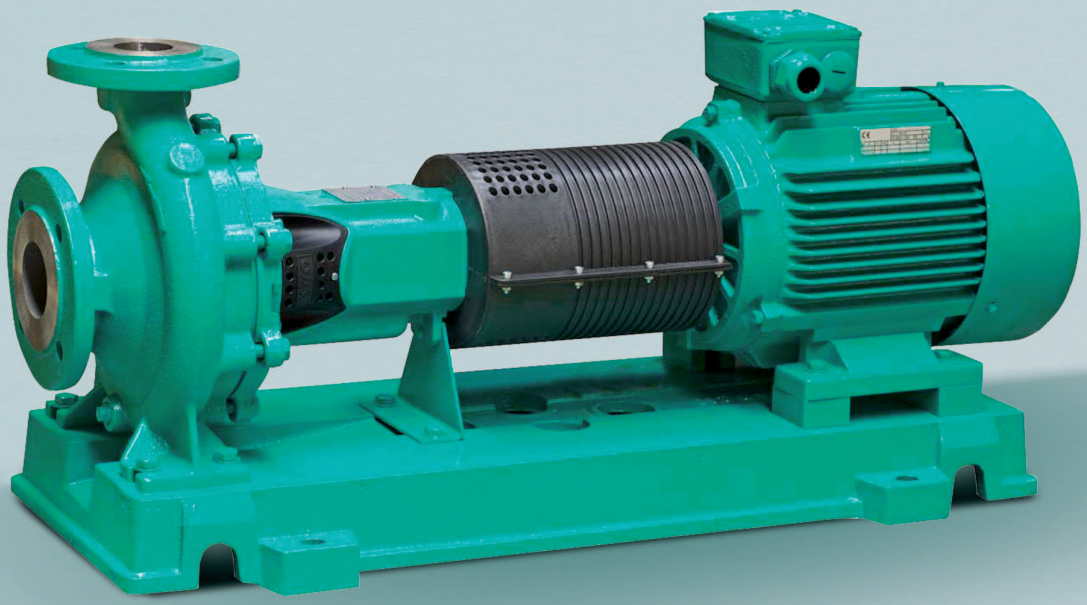
EN 1902-2'ye göre PN16 delikli

Flanş Ölçüleri (basma tarafı)

Wilo-CronoBloc-BL ...	Nominal Flanş Çapı	Pompa Flanş Ölçüleri			
	DN_2	Ø D_2	Ø d_2	Ø k_2	n x d_{L2}
	[mm]				[delik adeti x mm]
32...	32	140	76	100	4 x 19
40...	40	150	84	110	4 x 19
50...	50	165	99	125	4 x 19
65...	65	185	118	145	4 x 19
80...	80	200	132	160	8 x 19
100...	100	220	156	180	8 x 19
125...	125	250	184	210	8 x 19

EN 1902-2'ye göre PN16 delikli

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Wilo Crononorm