



TÜRK STANDARDLARI ENSTİTÜSÜ

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MODÜL B, AB TİP İNCELEME BELGESİ
MODULE B, EU-TYPE EXAMINATION CERTIFICATE

Muhtemel Patlayıcı Ortamda Kullanılan Teçhizat Ve Koruyucu Sistemler İle İlgili Yönetmelik (2014/34/AB)
Equipment or Protective System Intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

AB Tip İnceleme Belgesi Numarası: **TSE 23ATEX0186X**

EU-Type Examination Certificate Number:

Teçhizat veya Koruyucu Sistem: **HBC EX-ZONE2 Aydınlatma Armatürü/Luminaire**
Equipment or Protective System:

Üretici/ Manufacturer: **E A E ELEKTRİK AYDINLATMA END. SAN. VE TİC. A.Ş.**

Adres/ Address: **Merkez Adres: Ziya Gökalp Mah. Eski Turgut Özal Caddesi No:20 Başakşehir
İSTANBUL**

**Fabrika Adresi: Makine İhtisas OSB Mah. 1. Cad. Fabrika Binası (A+B+C Blok)
Apt. No:4B 41455 Dilovası Kocaeli**

Bu teçhizatın veya koruyucu sisteminin kabul edilebilir tipleri, belge ekinde ve belirtilen dokümanlarda tanımlanmıştır.

This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

1783 onaylanmış kuruluş numarasına sahip TSE; Yönetmeliğin Ek II bölümünde verilen “Muhtemel Patlayıcı Ortamlarda Kullanılan Teçhizat veya Koruyucu Sistemlerin Tasarım ve Yapısına Dair Temel Sağlık ve Güvenlik Gereklileri”ne uygun olduğunu onaylar.

Turkish Standards Institute Notified body number 1783 in accordance with Article 17 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for safe use in potentially explosive atmospheres given in Annex II to the Directive.

İnceleme sonuçları aşağıdaki rapor ile kayıt altına alınmıştır

The examination and test results are recorded in confidential Report No. 3060-ATEX-220/2023-01

Temel sağlık ve güvenlik şartları gereklilikleri aşağıda belirtilen Standard(lar)a göre sağlanmıştır:

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2018, EN 60079-15:2019, EN 60079-31:2014

Eğer “X” işareti belge numarasından sonra yer alıyorsa, bu teçhizat veya koruyucu sistemin belge ekinde belirtilmiş güvenli kullanımla ilgili özel şartları kapsadığını belirtir.

If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions of safe use specified in the schedule to this certificate.

2014/34/AB Yönetmeliği EK III’e göre düzenlenen bu belge, teçhizat veya koruyucu sistemin tasarım, muayene ve testleriyle ilgilidir. Yönetmeliğin gerekleri üretim sürecini ve bu teçhizatın veya koruyucu sistemin tedarik edilmesini de kapsar ancak bu hususlar belgenin kapsamında değildir.

This EU-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance with the directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

Teçhizatın veya koruyucu sistemin işaretlemesi aşağıdakileri içermelidir:

The marking of the equipment or protective system shall include the following:



II 3G Ex nR IIC T6...T5 Gc
II 2D Ex tb IIIC T80...T95 °C Db
-30 °C ≤ Tamb ≤ + 55 °C, IP66



Proje No/Proect Number: 3060-22/362318

Bu AB Tip İnceleme Belgesinin

son geçerlilik tarihi: 12.01.2028

This EU Type Examination

Certificate is valid till: 12.01.2028

Bu belge sadece tamamını içerecek şekilde ve hiçbir değişiklik yapılmadan ekiyle birlikte çoğaltılabilir.

This certificate and its schedules may only be reproduced in its entirety and without any change.





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EK Schedule

AB Tip İnceleme Belgesi No: TSE 23ATEX00186X
Eu-Type Examination Certificate:



Teçhizatın veya Koruyucu Sistemin Tanımı;
Description of Equipment or Protective System:

Bu ekipman patlamaya karşı korumalı LED aydınlatma armatürüdür. Patlayıcı Gaz atmosferinde bölge 2'de artırılmış güvenlik "nR" ve patlayıcı toz atmosferinde bölge 21 toz tutuşmasına karşı "tb" koruma sınıflarına sahiptir. LED'ler ve sürücü, IP66 korumasına sahip muhafazanın içersin de yer almaktadır. Tüm kablolar, nem tapası, rakorlar ve klemensler sertifikalıdır. Her modelin görünümü aynıdır, temel farklılıklar güç değerleridir.

The equipments are Explosion-proof LED Luminaires. They are protected by Increased Safety "nR" and Dust Ignition Protection by Enclosure "tb" purposed to used in Explosive Gas Atmosphere Zone 2 and Explosive Dust Atmosphere Zone 21. The luminaire constructed by LED driver and LED chips panel in the IP 66 enclosure. All the cable gland, breathing and drain device and terminal blocks are certified. The size and appearance of each models are the same, mainly differences are the rated power.

Tip İşaretlemesi:
Ürün tipleri belge sonundaki listede verilmiştir.

Çalışma Gerilimi / Operating Voltage: 220-240 Vac

Frekans/ Frequency: 50-60 Hz

Güç/Power: 75-197 W

LED Aydınlatma armatürü teknik çizimleri [19]. Bölüm Dokümantasyon Listesinde verilmiştir.

LED Luminaire's technical drawings are given in [19] List of Documentation.

Belgelendirme Şartları / Conditions of Certification

LED Armatürler için EN 60079-15:2019 Madde 12'de detayları verilen rutin testlere tabii tutulmalı ve bu testleri geçmelidir.

Each luminaire shall be subjected to and pass the routine tests detailed in EN 60079-15:2019 clause 12.

Rapor Numaraları/ Test Reports

Temel Gerekler Raporu:

Essential Requirements : 3060-ATEX-220/2023-01
Report

Muayene ve Deney Raporu:

: TSE Ex Laboratuvarı Deney Raporu/ TSE Ex Laboratory Report

Test and Examination Report

268279/09-22





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Güvenli Kullanım için Özel Şartlar / Special conditions for safe use :

17.1 Bu AB tip inceleme sertifikasının sahibi olan üretici firma, ürününü piyasaya sürmek için 2014/34/AB yönetmeliği doğrultusunda gerekli üretim kalite kontrol şartlarını yerine getirmekle mükelleftir.

The manufacturer as the holder of this EU type examination certificate , is required to comply with the production control requirements in accordance with the directive 2014/34/EU for marketing its product.

17.2 Kullanımlarda ekipman üzerinde toz birikmesine karşı dikkatli olunmalıdır.

Care should be taken against dust accumulation on the equipment during use.

17.3 Kablo rakoru ve kör tapa koruma tipine uygun olmalıdır.

The cable gland and blind plug must match the type of protection

17.4 Diğer şartlar için Kullanma Kılavuzu Madde 13 de bulunan talimatlara bakınız.

For other conditions, see the instructions in Article 13 of the User Manual.

Temel Sağlık ve Güvenlik Gereklere/ Essential Health and Safety Requirements (EHSRs):

İlgili Temel Sağlık ve Güvenlik Gereklere [9]. bölümde belirtilen standartlara göre sağlanmıştır.

The relevant EHSRs are covered by the standard mentioned in [9], according which the product was verified and in the manufacturer's instruction for use.

Dokümantasyon Listesi/ List of Documentation:

Çizim No:	Rev	Tarih	Adı/ Açıklama
1008351	R0	12.11.2020	O RING 2x10 NBR
1026757	R0	16.09.2022	PCB HBC MULTI LENS 272 LED 20.000 LM
1026758	R0	16.09.2022	PCB HBC MULTI LENS 320 LED 24.000 LM
1026759	R0	16.09.2022	PCB HBC MULTI LENS 160 LED 10.000 LM
1026760	R0	16.09.2022	PCB HBC MULTI LENS 204 LED 15.000 LM
1026796	R0	12.11.2020	HBC 60D PC CS16981 VICTORIA-IP-W (IP 66)
1026798	R0	03.12.2019	HBC ACK GVD CONTASI
1026799	R0	02.12.2019	HBC ACK KUTU MNT PRC
1027119	R0	17.03.2020	500610 MR 15x5.5 (1 m.) KLEMSAN
2141694			
1027600	R0	15.05.2020	HBC KABLO GIZLEME PARCASI
1030906	R0	03.03.2022	HBC EX CAM Z2
1030908	R0	12.11.2020	M16x1.5 EX KOR TAPA B-TS01M Ex d/e
1030923	R0	03.03.2022	HBC EX ELK KPK CONTA Z2
1037868	R0	16.09.2022	PCB HBL 4x80-4x70-4x55 SEOUL
1041035	R0	16.09.2022	PCB HBL 4x90 SEOUL
1041098	R0	11.01.2022	HBL LENS CONTASI
1042306	R0	22.04.2020	MFL CERCEVE CONTASI
1042618	R0	16.09.2022	PCB HBL 4x45-4x30 SEOUL
1042652	R0	16.09.2022	PCB HBC 6X45 270LED LM302Z+ 25.850 LM
1044174	R0	27.07.2022	O-RING Ø2x6 SILIKON
2093009	R1	10.01.2023	HBC EX METAL ETIKET Z2
2093058	R0	27.07.2022	HBC EX CAM+CERCEVE TK Z2
2093059	R2	02.08.2023	HBC EX ALM CERCEVE Z2
2093060	R0	08.06.2022	HBC EX CAM+CERCEVE YAPISITIRMA Z2
2093061	R2	02.08.2023	HBC EX GOVDE - BYL Z2
2093062	R0	3.03.2022	HBC EX GVD TK Z2
2093065	R0	02.08.2022	HBC EX DRV KUTU TK Z2





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2107129	R2	02.08.2023	HBC EX ACK KUTU KAPAK Z2
2111424	R0	3.08.2021	HBC EX. ACK LED GÖSTERGELİ SOKETLİ KABLO
2115725	R0	03.03.2022	HBC EX DRV MNT SACI Z2
3204591	R0	27.07.2022	HBC 075U 57EX00 50 8K0 PC Z2
-	R0	27.07.2022	HBC EXPROOF Z2 BAĞLANTI ELEMANLARI
-	-	13.05.2022	HBC EX ZONE2 Sürücü, ACK Kit+Pil ve PCB Yerleşim Şeması
F100 01	R03	15.10.2024	HBC EXPROOF MONTAJ KILAVUZU ZONE2
1026163	R02	02.08.2023	HBC HBL ACK KUTU GOVDE-HAM
2141905- 2141902	R02	02.08.2023	HBC EX ELK KPK Z2

Belge Geçmişi / Certificate History

İlk düzenleme tarihi / first issue date : 12.01.2023

Belge Revizyon tarihi / certificate revision date (Rev01):15.06.2023

Cam yapıştırırmada kullanılan yapıştırıcıya alternatif yapıştırıcı ve üründe kullanılan Etial 160 hammaddesine alternatif hammadde kullanılmasını talep etmiştir.

It has been requested that an alternative adhesive be used to the adhesive used in glass bonding and an alternative raw material be used to the Etial 160 raw material used in the product.

Belge Revizyon tarihi / certificate revision date (Rev02):16.08.2024

HBC EX Zone2 isimli ürünlerden, gücü 65W,144W ve 164W olan ürünler çıkarılmıştır. Ayrıca, güncel ürün indeksinde bulunan ürün kodları belgeye eklenmiştir.

Products with 65W, 144W and 164W power have been removed from the HBC EX Zone2 products. In addition, the product codes found in the current product index have been added to the document.

Belge Revizyon tarihi / certificate revision date (Rev03): 02.05.2025

Eksik olan ürün kodlarının eklenmesi talep edilmiştir. Kod anahtarı 55 ve 56 nolu Elektronik Kontrol ünitelerinin eklenmesi talep edilmiştir.

It has been requested that the missing product codes be added. It has been requested to add the Electronic Control units with code key 55 and 56.



Veriliş Tarihi/ Date of issue: Rev 03 02.05.2025



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EK-Ürün Tip Listesi /Product Type List

Ürün Kod / Product Code	Açıklamalar / Descriptions	Tüketim Gücü /Power (W)	Lümen/ Lumen (LM)	Verimlilik/ Efficiency (LM/W)	Çalışma Ortam Sıcaklığı / Ta (C°)		T sınıfı	Ağırlık / Weight (kg)	Ölçü / Dimension (mm)
					-	+			Ø x H
3204591	HBC 075U 57EX00 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270377	HBC 075U 57EX00 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270464	HBC 075U 57EX01 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270465	HBC 075U 57EX01 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270379	HBC 075U 57EX02 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3204593	HBC 075U 57EX02 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270380	HBC 075U 57EX03 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270382	HBC 075U 57EX03 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270385	HBC 075U 57EX04 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270386	HBC 075U 57EX04 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270383	HBC 075U 57EX05 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248351	HBC 075U 57EX05 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270388	HBC 098U 57EX00 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3204596	HBC 098U 57EX00 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270506	HBC 098U 57EX01 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270507	HBC 098U 57EX01 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270389	HBC 098U 57EX02 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3204598	HBC 098U 57EX02 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270390	HBC 098U 57EX03 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248346	HBC 098U 57EX03 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270392	HBC 098U 57EX04 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270393	HBC 098U 57EX04 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248352	HBC 098U 57EX05 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270391	HBC 098U 57EX05 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270396	HBC 115U 57EX00 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3204601	HBC 115U 57EX00 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270548	HBC 115U 57EX01 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201



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3270549	HBC 115U 57EX01 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3204605	HBC 115U 57EX02 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270397	HBC 115U 57EX02 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270400	HBC 115U 57EX03 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248347	HBC 115U 57EX03 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270401	HBC 115U 57EX04 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270402	HBC 115U 57EX04 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248353	HBC 115U 57EX05 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270403	HBC 115U 57EX05 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270404	HBC 154U 57EX00 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3204608	HBC 154U 57EX00 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270406	HBC 154U 57EX03 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248348	HBC 154U 57EX03 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270407	HBC 181U 57EX00 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3204609	HBC 181U 57EX00 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270408	HBC 181U 57EX03 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248349	HBC 181U 57EX03 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270409	HBC 197U 57EX00 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3204610	HBC 197U 57EX00 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3270410	HBC 197U 57EX03 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248350	HBC 197U 57EX03 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248399	HBC 075U 27EX00 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270432	HBC 075U 27EX00 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270433	HBC 075U 27EX01 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270434	HBC 075U 27EX01 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270435	HBC 075U 27EX02 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248405	HBC 075U 27EX02 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248354	HBC 075U 27EX03 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270436	HBC 075U 27EX03 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270438	HBC 075U 27EX04 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270437	HBC 075U 27EX04 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270439	HBC 075U 27EX05 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201





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3248416	HBC 115U 30EX02 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270527	HBC 115U 30EX02 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270528	HBC 115U 30EX03 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248365	HBC 115U 30EX03 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270529	HBC 115U 30EX04 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270530	HBC 115U 30EX04 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248371	HBC 115U 30EX05 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270531	HBC 115U 30EX05 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270602	HBC 154U 30EX00 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248411	HBC 154U 30EX00 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270603	HBC 154U 30EX03 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248366	HBC 154U 30EX03 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270614	HBC 181U 30EX00 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248412	HBC 181U 30EX00 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270615	HBC 181U 30EX03 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248367	HBC 181U 30EX03 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270626	HBC 197U 30EX00 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248413	HBC 197U 30EX00 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3270627	HBC 197U 30EX03 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248368	HBC 197U 30EX03 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248417	HBC 075U 40EX00 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270448	HBC 075U 40EX00 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270450	HBC 075U 40EX01 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270449	HBC 075U 40EX01 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270451	HBC 075U 40EX02 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248423	HBC 075U 40EX02 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248372	HBC 075U 40EX03 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270452	HBC 075U 40EX03 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270454	HBC 075U 40EX04 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270453	HBC 075U 40EX04 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270455	HBC 075U 40EX05 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201



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3248378	HBC 075U 40EX05 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270490	HBC 098U 40EX00 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248418	HBC 098U 40EX00 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270491	HBC 098U 40EX01 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270492	HBC 098U 40EX01 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248424	HBC 098U 40EX02 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270493	HBC 098U 40EX02 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270494	HBC 098U 40EX03 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248373	HBC 098U 40EX03 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270495	HBC 098U 40EX04 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270496	HBC 098U 40EX04 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248379	HBC 098U 40EX05 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270497	HBC 098U 40EX05 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270532	HBC 115U 40EX00 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248419	HBC 115U 40EX00 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270534	HBC 115U 40EX01 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270533	HBC 115U 40EX01 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248425	HBC 115U 40EX02 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270535	HBC 115U 40EX02 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270536	HBC 115U 40EX03 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248374	HBC 115U 40EX03 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270537	HBC 115U 40EX04 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270538	HBC 115U 40EX04 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248380	HBC 115U 40EX05 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270539	HBC 115U 40EX05 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270604	HBC 154U 40EX00 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248420	HBC 154U 40EX00 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270605	HBC 154U 40EX03 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248375	HBC 154U 40EX03 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270616	HBC 181U 40EX00 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248421	HBC 181U 40EX00 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270617	HBC 181U 40EX03 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201





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3248376	HBC 181U 40EX03 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270628	HBC 197U 40EX00 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248422	HBC 197U 40EX00 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3270629	HBC 197U 40EX03 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248377	HBC 197U 40EX03 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248426	HBC 075U 50EX00 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270456	HBC 075U 50EX00 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270458	HBC 075U 50EX01 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270457	HBC 075U 50EX01 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270459	HBC 075U 50EX02 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248432	HBC 075U 50EX02 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248381	HBC 075U 50EX03 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270460	HBC 075U 50EX03 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270462	HBC 075U 50EX04 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270461	HBC 075U 50EX04 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270463	HBC 075U 50EX05 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248387	HBC 075U 50EX05 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270498	HBC 098U 50EX00 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248427	HBC 098U 50EX00 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270499	HBC 098U 50EX01 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270500	HBC 098U 50EX01 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248433	HBC 098U 50EX02 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270501	HBC 098U 50EX02 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270502	HBC 098U 50EX03 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248382	HBC 098U 50EX03 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270503	HBC 098U 50EX04 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270504	HBC 098U 50EX04 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248388	HBC 098U 50EX05 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270505	HBC 098U 50EX05 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270540	HBC 115U 50EX00 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248428	HBC 115U 50EX00 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270542	HBC 115U 50EX01 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201





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3270541	HBC 115U 50EX01 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248434	HBC 115U 50EX02 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270543	HBC 115U 50EX02 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270546	HBC 115U 50EX03 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248383	HBC 115U 50EX03 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270544	HBC 115U 50EX04 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270545	HBC 115U 50EX04 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248389	HBC 115U 50EX05 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270547	HBC 115U 50EX05 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270606	HBC 154U 50EX00 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248429	HBC 154U 50EX00 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270607	HBC 154U 50EX03 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248384	HBC 154U 50EX03 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270618	HBC 181U 50EX00 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248430	HBC 181U 50EX00 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270619	HBC 181U 50EX03 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248385	HBC 181U 50EX03 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270630	HBC 197U 50EX00 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248431	HBC 197U 50EX00 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3270631	HBC 197U 50EX03 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248386	HBC 197U 50EX03 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248435	HBC 075U 65EX00 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270466	HBC 075U 65EX00 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270468	HBC 075U 65EX01 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270467	HBC 075U 65EX01 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270469	HBC 075U 65EX02 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248441	HBC 075U 65EX02 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3248390	HBC 075U 65EX03 50 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270470	HBC 075U 65EX03 80 8K0 PC Z2	75	8000	107	-30	55	T6	6,8	Ø315X201
3270471	HBC 075U 65EX04 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270472	HBC 075U 65EX04 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270473	HBC 075U 65EX05 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201





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3248396	HBC 075U 65EX05 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3270508	HBC 098U 65EX00 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248436	HBC 098U 65EX00 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270509	HBC 098U 65EX01 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270510	HBC 098U 65EX01 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248442	HBC 098U 65EX02 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270511	HBC 098U 65EX02 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270512	HBC 098U 65EX03 50 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3248391	HBC 098U 65EX03 80 11K4 PC Z2	98	11470	117	-30	55	T6	6,7	Ø315X201
3270513	HBC 098U 65EX04 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270514	HBC 098U 65EX04 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3248397	HBC 098U 65EX05 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270515	HBC 098U 65EX05 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3270550	HBC 115U 65EX00 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248437	HBC 115U 65EX00 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270551	HBC 115U 65EX01 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270552	HBC 115U 65EX01 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248443	HBC 115U 65EX02 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270553	HBC 115U 65EX02 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270554	HBC 115U 65EX03 50 13K1 PC Z2	115	13135	114	-30	50	T6	7	Ø315X201
3248392	HBC 115U 65EX03 80 13K4 PC Z2	115	13410	116	-30	50	T6	7	Ø315X201
3270555	HBC 115U 65EX04 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270556	HBC 115U 65EX04 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3248398	HBC 115U 65EX05 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3270557	HBC 115U 65EX05 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3270610	HBC 154U 65EX00 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248438	HBC 154U 65EX00 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270611	HBC 154U 65EX03 50 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3248393	HBC 154U 65EX03 80 17K5 PC Z2	154	17517	114	-30	43	T5	7	Ø315X201
3270622	HBC 181U 65EX00 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3248439	HBC 181U 65EX00 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270623	HBC 181U 65EX03 50 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201





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3248394	HBC 181U 65EX03 80 19K1 PC Z2	181	19129	105	-30	40	T5	7	Ø315X201
3270634	HBC 197U 65EX00 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248440	HBC 197U 65EX00 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3270635	HBC 197U 65EX03 50 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3248395	HBC 197U 65EX03 80 20K1 PC Z2	197	20125	102	-30	40	T5	6,9	Ø315X201
3305775	HBC 075U 30EX48 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305774	HBC 075U 30EX49 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305908	HBC 075U 30EX48 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305907	HBC 075U 30EX49 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305772	HBC 075U 40EX48 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305771	HBC 075U 40EX49 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305905	HBC 075U 40EX48 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305904	HBC 075U 40EX49 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305879	HBC 075U 50EX48 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305878	HBC 075U 50EX49 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305910	HBC 075U 50EX48 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305909	HBC 075U 50EX49 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305881	HBC 075U 65EX48 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305880	HBC 075U 65EX49 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305912	HBC 075U 65EX48 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305911	HBC 075U 65EX49 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3305887	HBC 098U 30EX48 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305886	HBC 098U 30EX49 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305917	HBC 098U 30EX48 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305916	HBC 098U 30EX49 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305885	HBC 098U 40EX48 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305883	HBC 098U 40EX49 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305915	HBC 098U 40EX48 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305914	HBC 098U 40EX49 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305889	HBC 098U 50EX48 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305888	HBC 098U 50EX49 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305919	HBC 098U 50EX48 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201





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3305918	HBC 098U 50EX49 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305891	HBC 098U 65EX48 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305890	HBC 098U 65EX49 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305921	HBC 098U 65EX48 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305920	HBC 098U 65EX49 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3305895	HBC 115U 30EX48 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305894	HBC 115U 30EX49 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305926	HBC 115U 30EX48 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305925	HBC 115U 30EX49 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305893	HBC 115U 40EX48 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305892	HBC 115U 40EX49 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305924	HBC 115U 40EX48 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305922	HBC 115U 40EX49 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305897	HBC 115U 50EX48 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305896	HBC 115U 50EX49 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305928	HBC 115U 50EX48 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305927	HBC 115U 50EX49 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305899	HBC 115U 65EX48 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305898	HBC 115U 65EX49 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3305931	HBC 115U 65EX48 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3305929	HBC 115U 65EX49 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393506	HBC 075U 30EX55 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393507	HBC 075U 30EX56 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393508	HBC 075U 30EX55 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393509	HBC 075U 30EX56 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393432	HBC 075U 40EX55 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393502	HBC 075U 40EX56 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393510	HBC 075U 40EX55 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393511	HBC 075U 40EX56 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393512	HBC 075U 50EX55 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393513	HBC 075U 50EX56 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201





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3393514	HBC 075U 50EX55 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393515	HBC 075U 50EX56 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393516	HBC 075U 65EX55 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393517	HBC 075U 65EX56 50 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393518	HBC 075U 65EX55 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393519	HBC 075U 65EX56 80 8K0 PC Z2	75	8000	107	+5	35	T6	7,2	Ø315X201
3393520	HBC 098U 30EX55 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393521	HBC 098U 30EX56 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393522	HBC 098U 30EX55 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393523	HBC 098U 30EX56 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393524	HBC 098U 40EX55 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393525	HBC 098U 40EX56 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393526	HBC 098U 40EX55 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393527	HBC 098U 40EX56 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393528	HBC 098U 50EX55 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393529	HBC 098U 50EX56 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393530	HBC 098U 50EX55 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393531	HBC 098U 50EX56 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393532	HBC 098U 65EX55 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393533	HBC 098U 65EX56 50 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393534	HBC 098U 65EX55 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393535	HBC 098U 65EX56 80 11K4 PC Z2	98	11470	117	+5	30	T6	6,5	Ø315X201
3393536	HBC 115U 30EX55 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393537	HBC 115U 30EX56 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393538	HBC 115U 30EX55 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393539	HBC 115U 30EX56 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393540	HBC 115U 40EX55 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393541	HBC 115U 40EX56 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393542	HBC 115U 40EX55 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393543	HBC 115U 40EX56 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393544	HBC 115U 50EX55 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393545	HBC 115U 50EX56 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201



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3393546	HBC 115U 50EX55 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393547	HBC 115U 50EX56 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393548	HBC 115U 65EX55 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393549	HBC 115U 65EX56 50 13K1 PC Z2	115	13135	114	+5	25	T6	7,5	Ø315X201
3393550	HBC 115U 65EX55 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201
3393551	HBC 115U 65EX56 80 13K4 PC Z2	115	13410	116	+5	25	T6	7,5	Ø315X201

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