ERHAS®

IRRIGATION SYSTEMS

Suyun rüyası... | Dream of water...

PRODUCT CATALOG

ÜRÜN KATALOĞU

CATÁLOGO DE PRODUCTOS

CATALOGUE DES PRODUITS

www.erhas.com

ERHAS®

IRRIGATION SYSTEMS

Suyun rüyası... | Dream of water...

TSE · FQC ISO 14001:2004 · DAR TGA-ZM-13-08-00 · FQC ISO 9001:2008 · TÜRKAK · FQC ISO 18001:2007 · TÜRK PATENT · WIPO PCT · Türkiye Discover the potential

ERHAS®
IRRIGATION SYSTEMS

About us | hakkımızda

Our Vision; is to be the leader in the customer preferences in Turkey and in the world with the products we produce under the light of our management and production strategies we have constituted within the framework of our basic quality policy.

Our Mission; is to create a safe, peaceful, transparent, democratic and profitable atmosphere working professionally in the frame of a team philosophy with its employees, customers, product and service providers and to provide their sustainability.

Our Basic Values; are determined to be honesty, reliability, legal and ethical working, customer orientation, quality, responsibility, confidentiality, innovativeness, being competitive and the team work.

Therefore, Erhas is an advanced and distinguished corporation in Turkey and in the world.

Vizyonumuz; Temel kalite politikalarımız çerçevesinde oluşturduğumuz, yönetim ve üretim stratejilerimiz ışığında, ürettiğimiz ürünlerimizle Türkiye ve Dünya'da müşteri tercihlerine lider olmak.

Misyonumuz; Çalışanları, müşterileri, ürün ve hizmet tedarikçileri ile takım felsefesi çerçevesinde profesyonelce çalışarak güvenli, huzurlu, şeffaf, demokratik ve kârlı bir ortam yaratmak ve sürekliliğini sağlamak.

Temel Değerlerimiz; Dürüstlük, güvenilirlik, yasal ve etik çalışma, müşteri odaklılık, kalite, sorumluluk, gizlilik, yenilikçilik, yarışmacı olmak ve takım çalışması olarak belirlenmiştir.

Bu nedenle ERHAS Türkiye'de ve Dünya'da ileri ve saygın bir kuruluştur.

ERHAS®
IRRIGATION SYSTEMS

Sobre nosotros | à propos de nous

Nuestra Visión es ser líder en las preferencias de los clientes en Turquía y el mundo con los productos que producimos, a la luz de nuestras estrategias de gestión y producción que hemos constituido, y en el marco de nuestra política de calidad.

Nuestra Misión es crear un ambiente seguro, pacífico, transparente, democrático y rentable mientras trabajamos profesionalmente en el marco de una filosofía de equipo con nuestros empleados, clientes, proveedores de productos y servicios, y brindar su sustentabilidad.

Nuestros Valores Básicos son honestidad, confiabilidad, trabajo legal y ético, orientación al cliente, calidad, responsabilidad, confidencialidad, innovación, competitividad y trabajo en equipo.

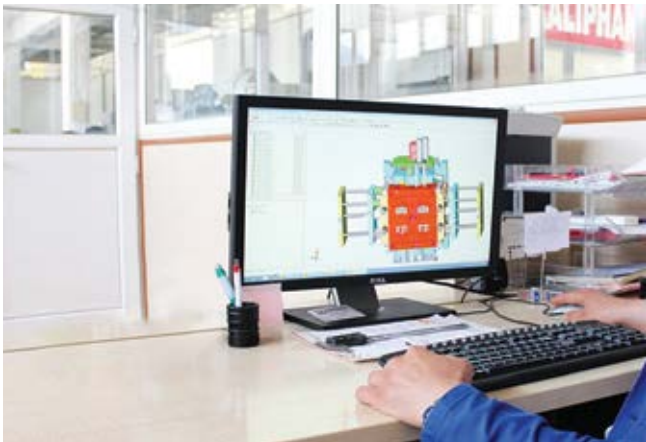
Erhas es una corporación avanzada y distinguida en Turquía y el mundo.

Notre vision est d'être un leader dans les préférences des clients en Turquie et dans le monde avec les produits que nous développons, à la lumière de nos stratégies de gestion et de production que nous avons établies, et dans le cadre de notre politique de qualité.

Notre mission est de créer un environnement sûr, pacifique, transparent, démocratique et rentable tout en travaillant professionnellement dans le cadre d'une philosophie d'équipe avec nos employés, nos clients, nos fournisseurs de produits et de services, et d'assurer leur durabilité.

Nos valeurs fondamentales sont l'honnêteté, la fiabilité, le travail légal et éthique, l'orientation client, la qualité, la responsabilité, la confidentialité, l'innovation, la compétitivité et le travail d'équipe

Erhas est une corporation avancée et distinguée en Turquie et dans le monde.



ERHAS®
IRRIGATION SYSTEMS

Contents | içindekiler | contenidos | contenus

Sprinkler irrigation
Yağmurlama sulama
Riego por aspersión
Irrigation par aspersion
08-21

Drip irrigation
Damla sulama
Riego por goteo
Irrigation goutte-à-goutte
24-35

Filters
Filtreler
Filtros
Filtres
38-45

Compression fittings
Kaplinler
Accesorios de compresión
Raccords à compression
48-53

Clamp saddles
Priz kolyeler
Collarines
Colliers de prise
56-57

Loading details
Yükleme detayları
Detalles de la carga
Détails de chargement
58-59

ERHAS®
IRRIGATION SYSTEMS

Icons | ikonlar | iconos | icônes

Product code | ürün kodu |
código de producto | code du produit

Connection diameter | bağlantı çapı |
diámetro de conexión | diamètre de connexion

Capacity | kapasite |
capacidad | capacité

Filtration Surface | filtrasyon yüzeyi |
superficie de filtración | surface de filtration

Bundle quantity | bağ adeti |
cantidad por ramillete | quantité groupée

Connection type | bağlantı tipi |
tipo de conexión | type de connexion

Inch | inch |
pulgada | pouce

Length | uzunluk |
longitud | longueur

Flow | debi |
caudal | débit

Nozzle | nozul |
boquilla | buse

Throw range | atış mesafesi |
distancia de aspersión | distance d'aspersion

Nozzle diameter | meme çapı |
diámetro de la boquilla | diamètre de buse

Without Slope | eğimsiz |
sin pendiente | sans pente

Down Slope | aşağı eğimli |
pendiente descendiente | pente descendante

Above Slope | yukarı eğimli |
pendiente ascendiente | pente ascendante

Type | cinsi |
tipo | type

Dripper space | damlatıcı aralığı |
espacio de gotero | espacement des goutteurs

External diameter | dış çap |
diámetro exterior | diamètre extérieur

Wall thickness | et kalınlığı |
espesor de pared | épaisseur de paroi

Roll length | rulo uzunluğu |
longitud del rollo | longueur du rouleau

Left | sol |
izquierda | gauche

Right | sağ |
derecha | droit

Color | renk |
color | couleur

Pallet | palet |
pallet | palette

Box | koli |
caja | boîte

Sack | çuval |
saco | sac

Bag| poşet |
bolsa | pochette

Box width | koli eni |
ancho de la caja | largeur de la boîte

Box length | koli boyu |
largo de caja | longueur de la boîte

Box height | koli yüksekliği |
altura de la caja | hauteur de la boîte

Flow change | debi değişimi |
cambio de caudal | changement de débit

ERHAS®
IRRIGATION SYSTEMS

Sprinkler irrigation

Yağmurlama sulama
Riego por aspersión
Irrigation par aspersion

TÜRK PATENT

TS EN 12201-2+A1

TS ISO 9625

Sprinkler Pipes
Yağmurlama boruları
Tuberías de aspersión
tubes d'aspersion

blue line | mavi seri | línea azul | ligne bleue

orange line | turuncu seri | línea naranja | ligne orange

- **Metal Bracelet**
  Metal bileziklidir.
  Brazalete de metal
  Bracelet en métal

5 Meters | metre | metros | mètres

	Ø mm		
050-005-601	50	1 ½"	200
063-005-601	63	2"	150
075-005-601	75	2 ½"	100
090-005-611	90	3"	75
• 110-005-601	110	4"	50
• 125-005-601	125	4 ½"	40
• 140-005-601	140	5"	25
• 160-005-601	160	6"	20

6 Meters | metre | metros | mètres

	Ø mm		
050-005-602	50	1 ½"	200
063-005-602	63	2"	150
075-005-602	75	2 ½"	100
090-005-612	90	3"	75
• 110-005-602	110	4"	50
• 125-005-602	125	4 ½"	40
• 140-005-602	140	5"	25
• 160-005-602	160	6"	20

5 Meters | metre | metros | mètres

	Ø mm		
050-005-701	50	1 ½"	200
063-005-701	63	2"	150
075-005-701	75	2 ½"	100
090-005-711	90	3"	75
• 110-005-701	110	4"	50
• 125-005-701	125	4 ½"	40
• 140-005-701	140	5"	25
• 160-005-701	160	6"	20

6 Meters | metre | metros | mètres

	Ø mm		
050-005-702	50	1 ½"	200
063-005-702	63	2"	150
075-005-702	75	2 ½"	100
090-005-712	90	3"	75
• 110-005-702	110	4"	50
• 125-005-702	125	4 ½"	40
• 140-005-702	140	5"	25
• 160-005-702	160	6"	20

- Sprinkler pipes are produced in 5.75 m length as mounted for export concerning container dimensions.
- İhracat yüklemelerinde konteyner ebatları sebebi ile yağmurlama boruları montajlı olarak 5.75 metre uzunluğunda üretilmektedir.
- Los tubos de riego se fabrican con una longitud de 5,75 m con acoples para la exportación teniendo en cuenta las dimensiones del contenedor.
- Les tubes d'aspersion sont produits en longueur de 5,75 m, montés pour l'exportation en fonction des dimensions du conteneur.

Abot
Abot
Abot
Support d'asperseur

	Ø mm		
050-001-607	50	1 ½"	2000
063-001-607	63	2"	1800
075-002-607	75	2 ½"	1000
PLUS 075-001-607	75	2 ½"	1000
090-002-607	90	3"	1000
PLUS 090-001-607	90	3"	800
110-002-607	110	4"	500

Spherical line valve
Küresel hat vanası
Válvula de línea esférica
Vanne de ligne sphérique

	Ø mm		
050-000-612	50	1 ½"	50 (B-6)
063-000-612	63	2"	32 (B-6)
075-000-612	75	2 ½"	20 (B-6)
090-000-612	90	3"	15 (B-6)
110-000-612	110	4"	9 (B-7)
125-000-612	125	4 ½"	7 (B-7)

Gasket orders should be placed separately from sprinkler pipes and fittings.
Yağmurlama boru ve ek parçaları ile contalar haricen satılmaktadır.
Los pedidos de las juntas deben realizarse por separado de las tuberías y accesorios de aspersión.
Les commandes de joints doivent être passées séparément des tubes et raccords d'aspersion.

Elbow
Dirsek
Codo
Coude

• **Monoblock** | Monoblok | Monobloque | Monobloc

	Ø mm	
050-000-608	50	1 ½"
063-000-608	63	2"
• 075-000-608	75	2 ½"
090-000-608	90	3"
110-000-608	110	4"
125-000-608	125	4 ½"
140-000-608	140	5"
160-000-608	160	6"

Reduction
Redüksiyon
Reducción
Réduction

• **Monoblock** | Monoblok | Monobloque | Monobloc

	Ø mm	
063-050-665	63 x 50	2" x 1 ½"
• 075-050-666	75 x 50	2 ½" x 1½"
• 075-063-667	75 x 63	2 ½" x 2"
• 090-050-668	90 x 50	3"x1 ½"
• 090-063-669	90 x 63	3"x 2"
• 090-075-670	90 x 75	3" x 2 ½"
• 110-075-671	110 x 75	4" x 2 ½"
• 110-090-672	110 x 90	4" x 3"
125-075-673	125 x 75	4 ½" x 2 ½"
125-090-674	125 x 90	4 ½" x 3"
125-110-675	125 x 110	4 ½" x 4"
140-090-677	140 x 90	5" x 3"
140-110-678	140 x 110	5" x 4"
140-125-679	140 x 125	5" x 4 ½"
160-110-682	160 x 110	6" x 4"
160-125-683	160 x 125	6" x 4 ½"
160-140-684	160 x 140	6" x 5"

S

	Ø mm	
075-000-613	75	2 ½"
090-000-613	90	3"
110-000-613	110	4"

Gasket
Conta
Junta
Joint

	Ø mm		S-4
050-000-509	50	1 ½"	3000
063-000-509	63	2"	2000
075-000-509	75	2 ½"	1000
090-000-509	90	3"	700
110-000-509	110	4"	500
125-000-509	125	4 ½"	300
140-000-509	140	5"	200
160-000-509	160	6"	150

Gasket orders should be placed separately from sprinkler pipes and fittings.
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Los pedidos de las juntas deben realizarse por separado de las tuberías y accesorios de aspersión.
Les commandes de joints doivent être passées séparément des tubes et raccords d'aspersion.

Te

• **Monoblock** | Monoblok | Monobloque | Monobloc

	Ø mm	
• 050-050-621	50 x 50	1 ½" x 1 ½"
• 063-063-623	63 x 63	2" x 2"
• 075-050-624	75 x 50	2 ½" x 1 ½"
• 075-063-625	75 x 63	2 ½" x 2"
• 075-075-626	75 x 75	2 ½" x 2 ½"
• 090-050-627	90 x 50	3" x 1 ½"
• 090-063-628	90 x 63	3" x 2"
• 090-075-629	90 x 75	3" x 2 ½"
• 090-090-630	90 x 90	3" x 3"
• 110-050-631	110 x 50	4" x 1 ½"
• 110-063-631	110 x 63	4" x 2"
• 110-075-631	110 x 75	4" x 2 ½"
• 110-090-632	110 x 90	4" x 3"
• 110-110-633	110 x 110	4" x 4"
• 125-050-634	125 x 50	4 ½" x 1 ½"
• 125-063-634	125 x 63	4 ½" x 2"

	Ø mm	
• 125-075-634	125 x 75	4 ½" x 2 ½"
• 125-090-635	125 x 90	4 ½" x 3"
• 125-110-636	125 x 110	4 ½" x 4"
• 125-125-637	125 x 125	4 ½" x 4 ½"
140-075-638	140 x 75	5"x 2 ½"
140-090-639	140 x 90	5" x 3"
140-110-640	140 x 110	5" x 4"
140-125-641	140 x 125	5" x 4 ½"
140-140-642	140 x 140	5" x 5"
160-075-643	160 x 75	6" x 2 ½"
160-090-644	160 x 90	6" x 3"
160-110-645	160 x 110	6" x 4"
160-125-646	160 x 125	6" x 4 ½"
160-140-647	160 x 140	6" x 5"
160-160-648	160 x 160	6" x 6"

Cross
İstavroz
Conexión cruzada
Croix

• **Monoblock** | Monoblok | Monobloque | Monobloc

	Ø mm	
• 050-050-642	50 x 50	1 ½" x 1 ½"
• 063-063-644	63 x 63	2" x 2"
• 075-050-645	75 x 50	2 ½" x 1 ½"
• 075-063-646	75 x 63	2 ½" x 2"
• 075-075-647	75 x 75	2 ½" x 2 ½"
• 090-050-648	90 x 50	3" x 1 ½"
• 090-063-649	90 x 63	3" x 2"
• 090-075-650	90 x 75	3" x 2 ½"
• 090-090-651	90 x 90	3" x 3"
• 110-050-652	110 x 50	4" x 1 ½"
• 110-063-652	110 x 63	4" x 2"
• 110-075-652	110 x 75	4" x 2 ½"
• 110-090-653	110 x 90	4" x 3"
• 110-110-654	110 x 110	4" x 4"
• 125-050-655	125 x 50	4 ½" x 1 ½"
• 125-063-655	125 x 63	4 ½" x 2"

	Ø mm	
• 125-075-655	125 x 75	4 ½" x 2 ½"
• 125-090-656	125 x 90	4 ½" x 3"
• 125-110-657	125 x 110	4 ½" x 4"
• 125-125-658	125 x 125	4 ½" x 4 ½"
140-075-659	140 x 75	5"x 2 ½"
140-090-660	140 x 90	5" x 3"
140-110-661	140 x 110	5" x 4"
140-125-662	140 x 125	5" x 4 ½"
140-140-663	140 x 140	5" x 5"
160-075-664	160 x 75	6" x 2 ½"
160-090-665	160 x 90	6" x 3"
160-110-666	160 x 110	6" x 4"
160-125-667	160 x 125	6" x 4 ½"
160-140-668	160 x 140	6" x 5"
160-160-669	160 x 160	6" x 6"

Gasket orders should be placed separately from sprinkler pipes and fittings.
Yağmurlama boru ve ek parçaları ile contalar haricen satılmaktadır.
Los pedidos de las juntas deben realizarse por separado de las tuberías y accesorios de aspersión.
Les commandes de joints doivent être passées séparément des tubes et raccords d'aspersion.

Male head
Erkek başlık
Acople macho
Raccord mâle

	Ø mm		big box
050-000-603	50	1 ½"	4000
063-000-603	63	2"	2800
075-000-603	75	2 ½"	1550
090-000-603	90	3"	1050
110-000-603	110	4"	600
125-000-603	125	4 ½"	400
140-000-603	140	5"	235
160-000-603	160	6"	200

Female head
Dişi başlık
Acople hembra
Raccord femelle

- **Metal Bracelet**
  Metal bileziklidir
  Brazalete de metal
  Bracelet en métal

	Ø mm		big box
050-000-504	50	1 ½"	5200
063-000-504	63	2"	3200
075-000-504	75	2 ½"	1900
090-001-504	90	3"	1200
• 110-000-504	110	4"	700
• 125-000-504	125	4 ½"	475
• 140-000-504	140	5"	250
• 160-000-504	160	6"	220

Male end cap
Erkek körtapa
Tapón macho
Bouchon mâle

	Ø mm		
050-000-605	50	1 ½"	100 (S-6)
063-000-605	63	2"	100 (S-6)
075-000-605	75	2 ½"	50 (S-6)
090-000-605	90	3"	35 (S-6)
110-000-605	110	4"	40 (S-4)
125-000-605	125	4 ½"	25 (S-4)
140-000-605	140	5"	15 (S-4)
160-000-605	160	6"	12 (S-4)

Female end cap
Dişi körtapa
Tapón hembra
Bouchon femelle

- **Metal Bracelet**
  Metal bileziklidir
  Brazalete de metal
  Bracelet en métal

	Ø mm		
050-000-506	50	1 ½"	100 (S-6)
063-000-506	63	2"	100 (S-6)
075-000-506	75	2 ½"	50 (S-6)
• 090-000-506	90	3"	35 (S-6)
• 110-000-506	110	4"	40 (S-4)
• 125-000-506	125	4 ½"	25 (S-4)
• 140-000-506	140	5"	15 (S-4)
• 160-000-506	160	6"	12 (S-4)

Gasket orders should be placed separately from sprinkler pipes and fittings.
Yağmurlama boru ve ek parçaları ile contalar haricen satılmaktadır.
Los pedidos de las juntas deben realizarse por separado de las tuberías y accesorios de aspersión.
Les commandes de joints doivent être passées séparément des tubes et raccords d'aspersion.

Metal threaded plastic pump connection (male)

Metal dişli plastik pompa bağlantısı (erkek)
Conexión de bomba plástica con rosca metálica (macho)
Connexion de pompe en plastique avec filetage en métal (mâle)

• BSPT

	Ø mm		B-1
063-000-614	63	2"	60
075-000-614	75	2 ½"	30
090-000-614	90	3"	24
110-000-614	110	4"	12
125-000-614	125	4 ½"	8
140-000-614	140	5"	4
160-000-614	160	6"	4

• **Not proper for welding.** | Kaynak için uygun değildir. | No apto para soldar. | Ne convient pas au soudage

Metal threaded plastic pump connection (female)

Metal dişli plastik pompa bağlantısı (dişi)
Conexión de bomba plástica con rosca metálica (hembra)
Connexion de pompe en plastique avec filetage métallique (femelle)

• BSPT

	Ø mm		B-1
063-000-515	63	2"	80
075-000-515	75	2 ½"	36
090-000-515	90	3"	30
110-000-515	110	4"	18
125-000-515	125	4 ½"	8
140-000-515	140	5"	5
160-000-515	160	6"	5

• **Not proper for welding.** | Kaynak için uygun değildir. | No apto para soldar. | Ne convient pas au soudage

Plastic threaded plastic pump connection (male)

Plastik dişli plastik pompa bağlantısı (erkek)
Conexión de bomba plástica con rosca plástica (macho)
Connexion de pompe en plastique avec filetage en plastique (mâle)

BSPT	NPT	Ø mm		B-1
050-000-616	050-001-616	50	1 ½"	100
063-000-616	063-001-616	63	2"	60
075-000-616	075-001-616	75	2 ½"	36
090-000-616	090-001-616	90	3"	24

Plastic threaded plastic pump connection (female)

Plastik dişli plastik pompa bağlantısı (dişi)
Conexión de bomba plástica con rosca plástica (hembra)
Connexion de la pompe en plastique avec filetage en plastique (femelle)

BSPT	NPT	Ø mm		B-1
050-000-517	050-001-517	50	1 ½"	210
063-000-517	063-001-517	63	2"	120
075-000-517	075-001-517	75	2 ½"	52
090-000-517	090-001-517	90	3"	36
110-000-517	-	110	4"	24

BSPT: British Standard Pipe Thread (55°) - NPT: National Pipe Thread (60°)
BSPT: İngiliz Standart Boru Dişli (55°) - NPT: Ulusal Boru Konik Dişli (60°)
BSPT: Tubería de Rosca Cónica Inglesa Estándar (55°) - NPT: Tubería de Rosca Cónica Nacional (60°)
BSPT : Filetage de tuyau standard britannique (55°) - NPT : Filetage national (60°)

ERHAS®
IRRIGATION SYSTEMS

Sprinkler and accessories

Yağmurlama başlıkları ve ek parçaları
Aspersores y accesorios
Asperseurs et accessoires

Sprinkler - 1605

Sprinkler - 1605
Aspersor - 1605
Asperseur - 1605

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
4,0 - 5,0 mm	1810	9,75	2170	11,00	2440	12,30	2600	13,80
4,0 - 6,0 mm	2260	12,85	2720	13,30	3070	13,70	3370	14,10
5,0 - 6,0 mm	2660	13,00	3110	13,50	3500	13,90	3840	14,40

	Mounted | Montajlı Montado | Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-017	5,0	6,0	4,0	-	32	1"	50

Sprinkler - 1610 S

Sprinkler - 1610 S
Aspersor - 1610 S
Asperseur - 1610 S

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
4,0-5,0 mm	1690	11,75	2020	12,20	2270	12,70	2500	13,20
4,0-5,5 mm	1760	12,60	2110	13,00	2370	13,40	2580	13,80
3,5-5,0 mm	1450	11,90	1780	12,40	2030	12,90	2240	13,40
3,5-5,5 mm	1590	12,20	1900	12,80	2130	13,30	2350	14,00

	Mounted |Montajlı Montado | Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-015-01	4,0 G	5,0 G	3,5 G	5,5 G	25	¾"	80

Sprinkler - 1610 SK

Sprinkler - 1610 SK
Aspersor - 1610 SK
Asperseur - 1610 SK

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
2,3-3,8 mm	1130	11,30	1340	12,00	1490	12,90	1630	13,80
2,3-4,0 mm	1130	11,40	1350	12,10	1520	13,00	1660	13,80
2,3-5,0 mm	1470	12,45	1750	13,00	1970	13,50	2160	14,00
4,0 -5,0 mm	1790	11,35	2140	12,10	2400	12,90	2630	13,70

	Mounted |Montajlı Montado | Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-016-14	4,0	5,0	2,3	3,8	25	¾"	60
025-000-016-13	2,3	3,8	4,0	5,0			

Sprinkler - 1615 and 1615Q

Sprinkler - 1615 ve 1615Q
Aspersor - 1615 y 1615Q
Asperseur - 1615 et 1615Q

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
2,5-3,5 mm	1030	10,00	1240	10,75	1380	11,50	1520	12,30
2,5-2,8 mm	910	9,75	1090	10,55	1230	11,40	1350	12,30
1,8 -3,5 mm	770	9,75	920	10,55	1030	11,40	1130	12,30
1,8- 2,8 mm	640	9,95	770	10,30	860	10,65	940	11,00
0-2,8 mm	460	10,50	550	11,00	610	11,50	670	12,00
0-3,5 mm	610	11,20	730	11,50	820	11,80	910	12,15

	Mounted | Montajlı Montado | Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-013-01	2,5	3,5	1,8	2,8	20	½"	160
025-000-023	2,5	3,5	1,8	2,8			160
			0				

Sprinkler - 1615K and 1615KQ

Sprinkler - 1615K ve 1615KQ
Aspersor - 1615K y 1615KQ
Asperseur - 1615K et 1615KQ

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
2,5-3,5 mm	970	9,80	1160	10,05	1310	10,35	1430	10,65
2,5-2,8 mm	790	9,50	940	9,90	1060	10,30	1160	10,65
1,8 -3,5 mm	770	9,75	920	10,55	1030	11,40	1130	12,30
1,8- 2,8 mm	640	9,95	770	10,30	860	10,65	940	11,00
0-2,8 mm	460	10,5	550	11,00	610	11,50	670	12,00
0-3,5 mm	610	11,2	730	11,50	820	11,80	910	12,15

	Mounted | Montajlı Montado| Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-014-01	2,5 K	3,5	1,8	2,8	20	½"	150
025-000-024	2,5 K	3,5	1,8	2,8			150
			0				

Sprinkler - 1620 K PC

Sprinkler - 1620 K PC
Aspersor - 1620 K PC
Asperseur - 1620 K PC

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
5,0	1100	11,85	1310	12,30	1470	12,75	1610	13,25
4,0	770	11,55	920	12,10	1030	12,70	1140	13,30

	Mounted | Montajlı Montado | Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-021	0	5,0	-	4,0	25	¾	50

Sprinkler - 1625 K

Sprinkler - 1625 K
Aspersor - 1625 K
Asperseur - 1625 K

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
2,3-3,8 mm	1130	11,30	1340	12,00	1490	12,90	1630	13,80
2,3-4,0 mm	1130	11,40	1350	12,10	1520	13,00	1660	13,80
2,3-5,0 mm	1470	12,45	1750	13,00	1970	13,50	2160	14,00
4,0 -5,0 mm	1790	11,35	2140	12,10	2400	12,90	2630	13,70

	Mounted |Montajlı Montado | Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-026-01	2,3	3,8	4,0	5,0	25	¾"	60
025-000-026-02	4,0	5,0	2,3	3,8			

Sprinkler - 1635

Sprinkler - 1635
Aspersor - 1635
Asperseur - 1635

	1,5 Bar		2 Bar		2,5 Bar		3 Bar	
	L/h		L/h		L/h		L/h	
3,5 - 5,0 mm	1540	11,50	1760	12,10	1890	12,75	2070	13,45
3,5 -4,5 mm	1270	11,40	1540	11,90	1750	12,45	1920	13,00
3,5 -4,0 mm	1160	11,10	1390	11,70	1570	12,35	1690	13,00
2,5 -5,0 mm	1320	11,15	1580	12,00	1770	12,80	1940	13,75
2,5 - 4,5 mm	1210	11,15	1460	11,90	1630	12,70	1780	13,55
2,5 -4,0 mm	1060	11,00	1270	11,70	1430	12,50	1560	13,30

	Mounted |Montajlı Montado| Monté		Spare | Yedek Repuesto | De rechange		Ø mm	inch	B-1
025-000-022	3,5	5,0	2,5	4,5	25	¾"	65

Spherical valve
Küresel vana
Válvula de bola
Vanne sphérique

	Ø mm		S-3
032-032-004	32	1"	100

Riser pipe pp (orange)
Uzatma borusu pp (turuncu)
Tubo elevador pp (naranja)
Tube ascendant pp (orange)

M | Male | Erkek | Macho | Mâle

F | Female | Dişi | Hembra | Femelle

	cm	Ø mm		
032-032-125	25 MxM	32 x 32	1"x1"	100 (S-3)
032-032-225	25 MxF	32 x 32	1"x1"	100 (S-3)
032-032-135	35 MxM	32 x 32	1"x1"	100 (S-4)
032-032-235	35 MxF	32 x 32	1"x1"	100 (S-4)
032-032-150	50 MxM	32 x 32	1"x1"	100 (S-4)
032-032-250	50 MxF	32 x 32	1"x1"	100 (S-4)

Riser pipe pp (black)
Uzatma borusu pp (siyah)
Tubo elevador pp (negro)
Tube ascendant pp (noir)

M | Male | Erkek | Macho | Mâle

F | Female | Dişi | Hembra | Femelle

	cm	Ø mm		
032-032-325	25 MxM	32 x 32	1"x1"	100 (S-3)
032-032-425	25 MxF	32 x 32	1"x1"	100 (S-3)
032-032-335	35 MxM	32 x 32	1"x1"	100 (S-4)
032-032-435	35 MxF	32 x 32	1"x1"	100 (S-4)
032-032-350	50 MxM	32 x 32	1"x1"	100 (S-4)
032-032-450	50 MxF	32 x 32	1"x1"	100 (S-4)

Riser pipe pvc
Uzatma borusu pvc
Tubo elevador de pvc
Tube ascendant en pvc

	cm	Ø mm		S-4
032-132-025	25	32 x 32	1"x1"	100
032-132-033	33	32 x 32	1"x1"	100
032-132-050	50	32 x 32	1"x1"	50
032-132-060	60	32 x 32	1"x1"	50
032-132-100	100	32 x 32	1"x1"	50
032-132-150	150	32 x 32	1"x1"	25
032-132-200	200	32 x 32	1"x1"	25

Nipple
Nipel
Conector
Connecteur

	Ø mm		B-1
032-032-003	32 x 32	1"x 1"	510

Reduction sleeve
Redüksiyon manşon
Reducción
Réduction

	Ø mm		B-1
032-020-001	32 x 20	1" x ½"	600
032-025-002	32 x 25	1" x ¾"	570

Sleeve
Manşon
Unión
Manchon

	Ø mm		B-1
032-032-005	32 x 32	1"x 1"	450

Adapter for abot
Abot adaptörü
Adaptador para abot
Adaptateur pour abot

	Ø mm		B-1
040-032-006	40 x 32	1½"x1"	570

Adapter
Adaptör
Adaptador
Adaptateur

	Ø mm		B-1
032-025-001	32 x 25	1" x ¾"	600

Mini sprink sleeve with screw

Mini sprink vidalı manşon
Unión mini con tornillo para aspersor
Mini raccord à vis pour asperseur

	Ø mm		B-1
020-000-007	20 x 20	½" x ½"	500
025-000-007	25 x 25	¾" x ¾"	450

Distributor for abot (tape connection)

Abot üstü istavroz vidalı
Distribuidor para abot
(Conexión para manguera)
Connexion au tuyau goutte à goutte

	Ø mm		B-2
020-000-008	32x20x20x20	1" x ½" x ½" x ½"	400

Distributor for abot (male-male threaded)

Abot üstü istavroz
(erkek- erkek dişli)
Distribuidor para abot
(rosca macho-macho)
Distributeur pour abot
(filetage mâle-mâle)

	Ø mm		B-2
020-000-009	32x25x20x20	1" x ¾" x ½" x ½"	400

Distributor for abot (male-female threaded)

Abot üstü istavroz
(erkek- dişi dişli)
Distribuidor para abot
(rosca macho- hembra)
Distributeur pour abot
(Filetage mâle-mâle)

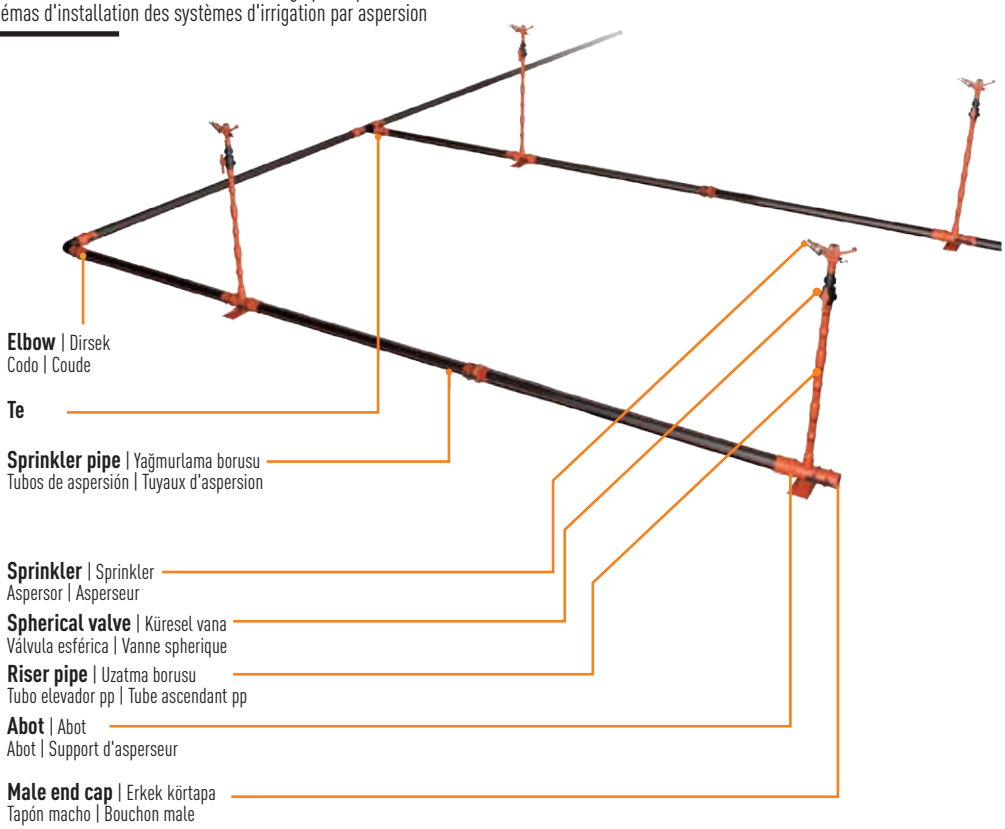
	Ø mm		B-2
020-000-011	32x32x20x20	1"x1"x½"x½"	300
025-000-011	32x32x25x25	1"x1"x¾"x¾"	300

Stabilizer iron bar

Demir çubuk
Barra de hierro estabilizadora
Barre de fer stabilisante

	Ø mm	cm	
020-000-010	8 mm	120 cm	50

Sprinkler systems installation schemes
Yağmurlama sistemleri örnek kurulum şemaları
Esquemas de instalación de sistemas de riego por aspersión
Schémas d'installation des systèmes d'irrigation par aspersion



Technical Specs
Teknik detaylar
Detalles técnicos
Détails techniques

Product groups | Ürün grupları | Grupo de productos | Groupes de produits	**Raw material** | Ham madde | Materia prima | Matière première
Sprinkler pipes | Yağmurlama boruları | Tubería de aspersión | Tuyaux d'aspersion	HDPE | YYPE | PEAD | PEHD
Sprinkler irrigation fittings | Yağmurlama ek parçaları | Accesorios de aspersión | Accessoires d'aspersion	HDPE | YYPE | PEAD | PEHD
Spherical valves | Hat vanaları | Válvulas de línea | Vannes de ligne	ABS
Gaskets | Contalar | Juntas | Joints	Natural rubber | Doğal kauçuk | Coucho natural | Coucho naturel
Sprinklers | Sprinkler | Aspersores | Asperseurs	POM/PA6
Sprinkler fittings | Sprinkler ek parçaları | Accesorios de los aspersores | Accessoires des asperseurs	PP

ERHAS

ERHAS®
IRRIGATION SYSTEMS

Drip irrigation

Damla sulama
Riego por goteo
Irrigation goutte-à-goutte

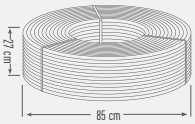
TURK PATENT

TSE
TS EN ISO 9261

ASABE

Internal dripper pipe

Dripli damla sulama borusu
Manguera con gotero interno
Tuyau goutte-à-goutte interne

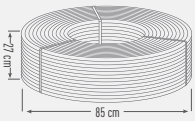


R-1

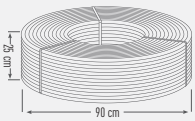
2,0 L/h	4,0 L/h	8,0 L/h	mm		cm	R-1
116-09-20-020	116-09-40-020	116-09-80-020	16	0,9 mm 36 mil	20	400 m.
116-09-20-025	116-09-40-025	116-09-80-025			25	
116-09-20-033	116-09-40-033	116-09-80-033			33	
116-09-20-040	116-09-40-040	116-09-80-040			40	
116-09-20-050	116-09-40-050	116-09-80-050			50	
116-09-20-060	116-09-40-060	116-09-80-060			60	
116-09-20-075	116-09-40-075	116-09-80-075			75	
116-09-20-100	116-09-40-100	116-09-80-100			100	
116-10-20-020	116-10-40-020	116-10-80-020		1,0 mm 40 mil	20	
116-10-20-025	116-10-40-025	116-10-80-025			25	
116-10-20-033	116-10-40-033	116-10-80-033			33	
116-10-20-040	116-10-40-040	116-10-80-040			40	
116-10-20-050	116-10-40-050	116-10-80-050			50	
116-10-20-060	116-10-40-060	116-10-80-060			60	
116-10-20-075	116-10-40-075	116-10-80-075			75	
116-10-20-100	116-10-40-100	116-10-80-100			100	
116-11-20-020	116-11-40-020	116-11-80-020		1,1 mm 44 mil	20	
116-11-20-025	116-11-40-025	116-11-80-025			25	
116-11-20-033	116-11-40-033	116-11-80-033			33	
116-11-20-040	116-11-40-040	116-11-80-040			40	
116-11-20-050	116-11-40-050	116-11-80-050			50	
116-11-20-060	116-11-40-060	116-11-80-060			60	
116-11-20-075	116-11-40-075	116-11-80-075			75	
116-11-20-100	116-11-40-100	116-11-80-100			100	

Drip irrigation pipe for external drippers

Dıştan damlatıcı takılan damla sulama borusu
Manguera para goteros externos
Tuyau goutte-à-goutte (goutteurs externes)



R-1



R-2

	mm	mm	
116-09-00-090	16	0,9	400 m. (R-1)
116-10-00-100		1,0	
116-11-00-110		1,1	
116-12-00-120		1,2	
120-10-00-100	20	1,0	300 m. (R-2)
120-11-00-110		1,1	
120-12-00-120		1,2	

All our mini valves and drip irrigation fittings are packaged to fit into the space left in the middle of round pipes (in B-0 boxes).
Bütün mini vana ve damlama ek parçalarımız yuvarlak boruların ortasında kalan boşluğa sığacak şekilde (B-0 kolisinde) ambalajlanmaktadır.
Todas nuestras mini válvulas y accesorios de riego por goteo son empacadas en cajas B-0 para enviar en el espacio que queda en el medio de las mangueras de riego.
Toutes nos mini-vannes et tous nos r tte sont emballés dans les cartons B-0 pour les adapter à l'espace libre au milieu des tuyaux goutte à goutte

2,0 L/h length of run charts
2,0 L/h maksimum çekme mesafeleri
2,0 L/h cuadro de distancias máximas
2,0 L/h diagrammes de longueur de parcours

cm	q%							
		% 0	% 1	% 2	% 3	% 1	% 2	% 3
20	10	49	52	55	57	46	42	39
	15	59	61	64	66	56	53	50
	20	67	70	72	74	64	62	59
25	10	58	62	65	69	53	49	45
	15	69	73	76	79	65	61	57
	20	79	82	85	88	75	72	68
33	10	71	77	82	87	64	57	51
	15	84	90	94	99	78	72	67
	20	97	102	106	110	91	86	80
40	10	81	89	96	102	72	64	56
	15	97	104	110	116	89	81	74
	20	777	118	123	129	104	96	90
50	10	96	107	116	124	83	72	62
	15	114	124	132	140	103	93	83
	20	131	140	148	155	121	111	102
60	10	109	123	134	145	93	79	66
	15	130	143	154	163	116	103	91
	20	149	161	170	180	136	124	112
75	10	128	147	163	178	107	87	71
	15	153	170	185	199	134	116	100
	20	176	191	205	218	158	140	125
100	10	158	186	209	222	125	98	77
	15	189	214	236	257	159	133	111
	20	217	240	260	280	189	164	143

4,0 L/h length of run charts
4,0 L/h maksimum çekme mesafeleri
4,0 L/h cuadro de distancias máximas
4,0 L/h diagrammes de longueur de parcours

cm	q%							
		% 0	% 1	% 2	% 3	% 1	% 2	% 3
20	10	30	31	32	33	28	27	25
	15	35	36	37	38	34	33	31
	20	40	41	42	43	39	38	37
25	10	35	37	38	40	33	31	29
	15	42	43	45	46	40	38	36
	20	47	49	50	51	46	44	43
33	10	43	45	48	50	40	37	34
	15	51	53	55	57	48	46	43
	20	58	60	62	64	55	53	51
40	10	49	52	56	58	45	42	38
	15	58	62	64	67	55	52	48
	20	66	70	72	74	63	60	57
50	10	58	63	67	71	53	48	43
	15	69	73	77	80	64	60	55
	20	79	83	86	89	74	70	66
60	10	66	72	77	82	59	53	47
	15	79	84	89	93	72	67	61
	20	89	95	99	103	84	79	73
75	10	77	86	93	100	68	59	52
	15	92	100	107	113	84	76	68
	20	105	113	119	125	98	90	83
100	10	96	108	119	128	81	69	58
	15	114	125	135	144	101	89	79
	20	130	140	149	158	118	107	97

Ø 17 mm Flat drip irrigation pipes (driptapes)

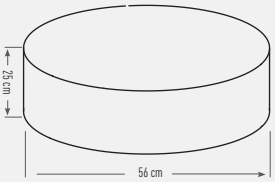
Ø 17 mm Yassı damla sulama boruları
Cintas de Ø 17 mm con gotero plano
Ø 17 mm Tuyaux goutte à goutte plats (gaine)

1,0 L/h	1,6 L/h	2,2 L/h	3,5 L/h	mm		cm	R-3
117-06-10-010	117-06-16-010	117-06-22-010	117-06-35-010	17	6 mil (0,150 mm)	10	2200 m.
117-06-10-015	117-06-16-015	117-06-22-015	117-06-35-015			15	2500 m.
117-06-10-020	117-06-16-020	117-06-22-020	117-06-35-020			20	2500 m.
117-06-10-025	117-06-16-025	117-06-22-025	117-06-35-025			25	2500 m.
117-06-10-030	117-06-16-030	117-06-22-030	117-06-35-030			30	3000 m.
117-06-10-033	117-06-16-033	117-06-22-033	117-06-35-033			33	3000 m.
117-06-10-040	117-06-16-040	117-06-22-040	117-06-35-040			40	3200 m.
117-06-10-050	117-06-16-050	117-06-22-050	117-06-35-050			50	3500 m.
117-08-10-010	117-08-16-010	117-08-22-010	117-08-35-010		8 mil (0,200 mm)	10	1600 m.
117-08-10-015	117-08-16-015	117-08-22-015	117-08-35-015			15	2000 m.
117-08-10-020	117-08-16-020	117-08-22-020	117-08-35-020			20	2300 m.
117-08-10-025	117-08-16-025	117-08-22-025	117-08-35-025			25	2300 m.
117-08-10-030	117-08-16-030	117-08-22-030	117-08-35-030			30	2300 m.
117-08-10-033	117-08-16-033	117-08-22-033	117-08-35-033			33	2300 m.
117-08-10-040	117-08-16-040	117-08-22-040	117-08-35-040			40	2700 m.
117-08-10-050	117-08-16-050	117-08-22-050	117-08-35-050			50	2800 m.

Ø 22 mm Flat drip irrigation pipes (driptapes)

Ø 22 mm Yassı damla sulama boruları
Cintas de Ø 22 mm con gotero plano
Ø 22 mm Tuyaux goutte à goutte plats (gaine)

R-3



1,0 L/h	1,6 L/h	2,2 L/h	3,5 L/h	mm		cm	R-3 m
122-08-10-010	122-08-16-010	122-08-22-010	122-08-35-010	22	8 mil (0,200 mm)	10	1800
122-08-10-015	122-08-16-015	122-08-22-015	122-08-35-015			15	1800
122-08-10-020	122-08-16-020	122-08-22-020	122-08-35-020			20	1800
122-08-10-025	122-08-16-025	122-08-22-025	122-08-35-025			25	1800
122-08-10-030	122-08-16-030	122-08-22-030	122-08-35-030			30	1800
122-08-10-033	122-08-16-033	122-08-22-033	122-08-35-033			33	1800
122-08-10-040	122-08-16-040	122-08-22-040	122-08-35-040			40	1800
122-08-10-050	122-08-16-050	122-08-22-050	122-08-35-050			50	2000
122-10-10-010	122-10-16-010	122-10-22-010	122-10-35-010		10 mil (0,250 mm)	10	1300
122-10-10-015	122-10-16-015	122-10-22-015	122-10-35-015			15	1300
122-10-10-020	122-10-16-020	122-10-22-020	122-10-35-020			20	1500
122-10-10-025	122-10-16-025	122-10-22-025	122-10-35-025			25	1500
122-10-10-030	122-10-16-030	122-10-22-030	122-10-35-030			30	1500
122-10-10-033	122-10-16-033	122-10-22-033	122-10-35-033			33	1500
122-10-10-040	122-10-16-040	122-10-22-040	122-10-35-040			40	1500
122-10-10-050	122-10-16-050	122-10-22-050	122-10-35-050			50	1700
122-12-10-010	122-12-16-010	122-12-22-010	122-12-35-010		12 mil (0,300 mm)	10	900
122-12-10-015	122-12-16-015	122-12-22-015	122-12-35-015			15	1000
122-12-10-020	122-12-16-020	122-12-22-020	122-12-35-020			20	1000
122-12-10-025	122-12-16-025	122-12-22-025	122-12-35-025			25	1000
122-12-10-030	122-12-16-030	122-12-22-030	122-12-35-030			30	1200
122-12-10-033	122-12-16-033	122-12-22-033	122-12-35-033			33	1200
122-12-10-040	122-12-16-040	122-12-22-040	122-12-35-040			40	1200
122-12-10-050	122-12-16-050	122-12-22-050	122-12-35-050			50	1300

Ø 25 mm Flat drip irrigation pipes (driptapes)

Ø 25 mm Yassı damla sulama boruları
Cintas de Ø 25 mm con gotero plano
Ø 25 mm Tuyaux goutte à goutte plats (gaine)

1,0 L/h	1,6 L/h	2,2 L/h	3,5 L/h	mm		cm	R-3 m
125-12-10-010	125-12-16-010	125-12-22-010	125-12-35-010	25	12 mil (0,300 mm)	10	900
125-12-10-015	125-12-16-015	125-12-22-015	125-12-35-015			15	900
125-12-10-020	125-12-16-020	125-12-22-020	125-12-35-020			20	1000
125-12-10-025	125-12-16-025	125-12-22-025	125-12-35-025			25	1000
125-12-10-030	125-12-16-030	125-12-22-030	125-12-35-030			30	1000
125-12-10-033	125-12-16-033	125-12-22-033	125-12-35-033			33	1000
125-12-10-040	125-12-16-040	125-12-22-040	125-12-35-040			40	1100
125-12-10-050	125-12-16-050	125-12-22-050	125-12-35-050			50	1100

Ø 17 mm length of run charts

Ø 17 mm maksimum çekme mesafeleri
Ø 17 mm cuadro de distancias máximas
Ø 17 mm diagrammes de longueur de parcours

Nominal Debi Nominal Flow Caudal nominal Débit nominal	10 cm	15 cm	20 cm	25 cm	30 cm	40 cm	50 cm
1.0 l/h	67	82	108	126	144	175	204
1.6 l/h	46	57	75	92	100	125	140
2.2 l/h	36	45	60	72	87	107	116
3,5 l/h	22	27	36	42	48	58	68

Ø 22 mm length of run charts

Ø 22 mm maksimum çekme mesafeleri
Ø 22 mm cuadro de distancias máximas
Ø 22 mm diagrammes de longueur de parcours

Nominal Debi Nominal Flow Caudal nominal Débit nominal	10 cm	15 cm	20 cm	25 cm	30 cm	40 cm	50 cm
1.0 l/h	116	144	186	214	249	300	348
1.6 l/h	81	101	130	152	174	216	239
2.2 l/h	72	90	112	126	148	182	211
3,5 l/h	56	70	87	98	115	142	165

Ø 25 mm length of run charts

Ø 25 mm maksimum çekme mesafeleri
Ø 25 mm cuadro de distancias máximas
Ø 25 mm diagrammes de longueur de parcours

Nominal Debi Nominal Flow Caudal nominal Débit nominal	10 cm	15 cm	20 cm	25 cm	30 cm	40 cm	50 cm
1.0 l/h	177	219	286	321	382	460	538
1.6 l/h	124	154	200	236	268	325	371
2.2 l/h	107	132	174	204	235	282	322
3,5 l/h	86	106	139	163	188	226	258

Dovetail mini valves
Kurt ağızlı mini vanalar
Miniválvulas de encaje
Vannettes à douille

	Ø mm		B-0
102-16-08-001	16 x 16	25	250
102-20-08-002	20 x 16	25	200
102-20-08-003	20 x 20	20	180

Dovetail mini valves with gasket outlet
Kurt ağızlı conta çıkışlı mini vanalar
Miniválvulas de encaje con salida de junta
Vannettes à douille avec sortie de joint

	Ø mm		B-0
102-16-09-001	16 x 16	25	250
102-20-09-002	20 x 16	20	200
102-20-09-003	20 x 20	20	180

Tape mini valves with gasket outlet
Conta çıkışlı tape mini vanalar
Miniválvulas de cinta con salida para junta
Vannettes de gaine avec sortie à joint

	Ø mm		B-0
102-16-10-001	16 x 17	20	180
102-20-10-003	20 x 22	13	130

Dovetail tape mini valves
Kurt ağızlı tape mini vanalar
Miniválvulas de encaje para cinta
Vannettes de gaine à douille

	Ø mm		B-0
102-16-11-001	16 x 17	20	180

Male screwed dovetail mini valves
Erkek dişli kurt ağızlı mini vanalar
Miniválvulas de encaje roscado macho
Vannettes à filetage mâle

	ø x Ø		B-0
102-16-12-001	1/2" x 16	25	250
102-16-12-002	3/4" x 16	20	200
102-20-12-003	1/2" x 20	15	150
102-20-12-004	3/4" x 20	15	150

Male screwed tape mini valves
Erkek dişli tape mini vanalar
Miniválvulas de cinta roscado macho
Vannettes de gaine à filetage mâle

	ø x Ø		B-0
102-17-13-001	1/2" x 17	15	150
102-17-13-002	3/4" x 17	15	135

Tape mini valves
Tape mini vanalar
Miniválvulas de cinta
Vannettes de gaine

	Ø mm		B-0
102-17-14-001	17 x 17	15	150

Dovetail mini valves with ring

Kurt ağızlı yüzüklü mini vanalar
Miniválvulas de encaje con anillo
Vannettes à douille avec bague

	Ø mm		B-0
102-16-19-001	16 x 17	20	240

Male screwed mini valves with ring

Erkek dişli yüzüklü mini vanalar
Miniválvulas roscado macho con anillo
Vannettes à filetage mâle avec bague

	x Ø		B-0
102-17-16-001	1/2" x 17	20	180
102-17-16-002	3/4" x 17	20	180

Tape mini valves with lay-flat outlet

Lay-flat çıkışlı tape mini vanalar
Miniválvulas de cinta con salida lay-flat
Vannettes de gaine avec sortie lay-flat

	x Ø		B-0
102-17-23-001	1/2" x 17	10	100

Tape mini valves with ring

Tape yüzüklü mini vanalar
Miniválvulas de cinta con anillo
Vannettes à ruban avec bague

	Ø mm		B-0
102-17-20-001	17 x 17	15	180

Gasket outlet mini valves with ring

Conta çıkışlı yüzüklü mini vanalar
Miniválvulas de cinta con salida para junta y anillo
Vannettes de gaine avec sortie à joint et bague

	Ø mm		B-0
102-16-18-001	16 x 17	25	225
102-16-18-002	16 x 22	15	150
102-20-18-003	20 x 22	13	130

Lay-flat outlet mini valves with ring

Lay-flat çıkışlı yüzüklü mini vanalar
Miniválvulas con salida lay-flat y anillo
Vannettes de gaine avec sortie lay-flat et anneau

	x Ø		B-0
102-17-24-001	1/2" x 17	10	120
102-22-24-001	1/2" x 22	10	100

Drip irrigation fitting nipple
Damla sulama ekleme nipeli
Conector de riego por goteo
Raccord pour irrigation goutte à goutte

	Ø mm		B-0
151-16-01-001	16 x 16	100	1000
151-20-01-002	20 x 20	75	600

Barbed nipple
Kurt ağızlı nipel
Conector dentado
Raccord dentelé

	Ø mm		B-0
160-16-01-001	16 x 16	100	1000

Drip irrigation outlet nipple
Damla sulama çıkış nipeli
Conector de salida para riego por goteo
Raccord de sortie d'irrigation goutte à goutte

	Ø mm		B-0
201-16-01-001	16 x 16	100	1000
201-20-01-002	20 x 20	75	600

Barbed-grommet nipple
Kurt ağızlı-grommet nipel
Conector dentado con púas
Raccord à pointes avec barbes

	Ø mm		B-0
220-16-01-001	16 x 16	80	960

Drip irrigation te
Damla sulama te
Te de riego por goteo
Té d'irrigation goutte à goutte

	Ø mm		B-0
251-16-03-001	16 x 16 x 16	50	500
251-20-03-002	20 x 16 x 20	40	320
251-20-03-003	20 x 20 x 20	30	300

Drip irrigation elbow
Damla sulama dirsek
Codo de riego por goteo
Coude d'irrigation goutte à goutte

	Ø mm		B-0
301-16-04-001	16 x 16	100	1000
301-20-04-002	20 x 20	65	650

Drip irrigation reduction
Damla sulama redüksiyon
Reducción de riego por goteo
Réduction d'irrigation goutte à goutte

	Ø mm		B-0
501-20-08-001	20 x 16	80	800

Drip irrigation fitting nipple tape

Damla sulama ekleme nipeli tape
Conector de cinta para riego por goteo
Raccord de gaine d'irrigation goutte à goutte

	x Ø		B-0
151-17-03-001	17 x 17	40	400

Drip irrigation fitting nipple dovetail tape

Damla sulama ekleme nipeli kurt ağızlı tape
Conector de encaje para cinta de riego por goteo
Raccord à emboîtement de gaine

	Ø mm		B-0
201-17-01-001	16 x 17	50	500

Drip irrigation outlet nipple tape

Damla sulama çıkış nipeli tape
Conector de cinta con salida para riego por goteo
Raccord de gaine avec sortie d'irrigation goutte à goutte

	Ø mm		B-0
251-17-02-001	16 x 17	50	500

Drip irrigation stoppers

Damla sulama körtapaları
Tapón de riego por goteo
Bouchon d'irrigation goutte à goutte

Spectacle
Gözlük
Tapón de anillas
Bague de blocage fin de ligne

Stopper
Körtapa
Tapón dentado
Bouchon

Hole Plug
Ana Boru Tapası
Tapón de línea principal
Bouchon ligne principal

	Ø mm		B-0
400-16-06-001	16- Spectacle	100	1200
400-20-06-002	20- Spectacle	70	560

	Ø mm		B-0
351-16-05-001	16- Stopper	100	1200

	Ø mm		B-0
210-16-01-001	16- Hole Plug	200	2000

Drip irrigation outlet gasket

Damla sulama çıkış contası
Goma de riego por goteo
Joint de sortie d'irrigation goutte à goutte

Grooved
Kanallı
Ranurada
Cannelé

Conical
Konik
Cónica
Conique

H-Type
H Tipi
Tipo H
Type H

	Ø mm	Model | Model | Modelo | Modèle		B-0
450-16-20-001	16	Conical | Konik | Cónica| Conique	100	1800
450-16-20-002	16	Grooved | Kanallı | Ranurada| Cannelé	100	1800
450-16-20-003	16	H-type (grooved black) | H-tipi (kanallı siyah) | Tipo H | Type H	100	1800
450-20-20-004	20	Grooved | Kanallı | Ranurada| Cannelé	100	1200
450-25-20-004	25	Grooved | Kanallı | Ranurada| Cannelé	100	1000

Lay-flat outlet nipple
Lay-flat çıkış nipeli
Conector de salida lay-flat
Goutteur de sortie lay-flat

			B-0
100-16-00-004	1/2"	50	400

Main pipe perforation tool (manual)
Ana boru delme aparatı (manuel)
Perforadora de tubería principal (manual)
Perforateur de tuyau principal (manuel)

	Ø mm		B-0
950-14-01-001	14	50	150
950-16-01-001	16	50	150
950-20-01-001	20	50	150
950-25-01-001	25	50	150

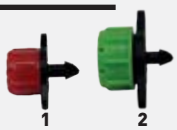
Main pipe perforation tool (for drill)
Ana boru delme aparatı (matkap için)
Perforadora de tubería principal (para taladro)
Perforateur de tuyau principal (pour perceuse)

	Ø mm		B-0
950-14-01-002	14	100	150
950-16-01-002	16	100	150
950-20-01-002	20	100	150
950-25-01-002	25	100	150

Perforation tool for dripper
Drip delme aparatı
Perforadora para goteros
Perforateur pour goutteur

	Ø mm		B-0
900-30-01-002	3,0	50	150

Adjustable dripper nozzle
Ayarlanabilir damlatıcı meme
Gotero regulable
Goutteur réglable



		L/h		B-0
1	160-30-01-070	0-70	100	2500
2	160-30-01-140	0-140	100	1500

On-line pc dripper
Basınç ayarlı damlatıcı meme
Gotero autocompensante
Goutteur autorégulant

		L/h		B-0
1	160-30-02-020	2	100	1400
2	160-30-02-040	4	100	1400
3	160-30-02-080	8	100	1400
4	160-30-02-120	12	100	1400
5	160-30-02-160	16	100	1400

Te with ring and gasket outlet
Yüzüklü conta çıkışlı te
Te con salida de junta y anillo
Té avec joint et bague

	Ø mm		B-0
260-17-16-001	17 x 16 x 17	25	275
260-17-20-001	17 x 20 x 17	25	250
260-22-20-001	22 x 20 x 22	13	117
260-22-25-001	22 x 25 x 22	13	117
260-25-20-001	25 x 20 x 25	10	100
260-25-25-001	25 x 25 x 25	10	100

Male threaded te with ring
Erkek dişli yüzüklü te
Te roscado macho y anillo
Té à filetrage mâle et bague

	Ø mm		B-0
270-17-01-001	17 x ½" x 17	25	275
270-22-01-001	22 x ½" x 22	15	150
270-25-01-001	25 x ½" x 25	10	100

Nipple with ring
Ekleme nipeli yüzüklü
Conector con anillo
Raccord avec bague

	Ø mm		B-0
150-017-17-001	17 x 17	50	500
150-022-22-001	22 x 22	30	240
150-025-25-001	25 x 25	20	200

Stopper with ring
Körtapa yüzüklü
Tapón con anillo
Bouchon avec bague

	Ø mm		B-0
350-17-05-001	17	95	950
350-22-05-001	22	45	405

Dovetail nipple with ring
Kurt ağızlı yüzüklü nipel
Conector de encaje con anillos
Raccord à douille avec bague

	Ø mm		B-0
250-17-16-001	17 x 16	75	750
250-22-20-001	22 x 20	40	320

Nipple with gasket outlet and ring
Conta çıkışlı yüzüklü nipel
Conector con salida de junta y anillo
Raccord avec joint de sortie et bague

	Ø mm		B-0
200-17-16-001	17 x 16	75	750
200-22-20-001	22 x 20	35	420
200-20-25-001	20 x 25	30	300
200-25-25-001	25 x 25	30	270

ERHAS DRIP PACK-F

Proper irrigation solutions for small - plotted farmers
Küçük ölçekli arazisi olan çiftçiler için uygun sulama çözümleri
Soluciones de riego adecuadas para pequeños agricultores
Solutions d'irrigation adaptées aux petits agriculteurs

Erhas developed Drip Pack-F to provide effective irrigation system solutions for small-plotted farmers who do not have sufficient conditions.
Drip Pack-F has been designed in line with the needs of farmers, taking into account the harsh terrain and weather conditions.
Drip Pack-F components have been selected by Erhas experts for the easiest and fastest installation.
The system does not need a pump to provide pressure, as it can easily operate at low pressures. A minimum 200-liter water tank that you will place in the beginning of the system at a height of at least 1 meter from the ground will be sufficient for irrigation of the land covered by the system.

Erhas, yeterli imkanlara sahip olmayan, küçük parsellerde etkili sulama sistemi çözümleri sağlamak için Drip Pack-F'i geliştirdi.
Drip Pack-F, zorlu arazi ve hava koşullarını dikkate alarak, çiftçilerin ihtiyaçları doğrultusunda tasarlanmıştır.
Drip Pack-F bileşenleri, hızlı ve kolay kurulum için Erhas uzmanları tarafından özenle seçilmiştir.
Sistem düşük basınçlarda kolaylıkla çalışabildiğinden, basınç sağlamak için pompaya ihtiyaç duymaz. Sistemin başlangıcına, yerden en az 1 metre yüksekliğine yerleştireceğiniz 200 litrelik bir su deposu, sistemin kapladığı arazinin sulanması için yeterli olacaktır.

Erhas desarrolló Drip Pack-F para proporcionar soluciones de sistemas de riego efectivas para agricultores de pequeñas parcelas que no cuentan con condiciones suficientes.
El Drip Pack ha sido diseñado en línea con las necesidades de los agricultores, teniendo en cuenta el terreno accidentado y las condiciones climáticas adversas.
Los componentes del Drip Pack han sido seleccionados por los expertos de Erhas para una instalación fácil y rápida.
El sistema no necesita una bomba para proporcionar presión, ya que puede funcionar fácilmente a bajas presiones. Un tanque de agua de un mínimo de 200 litros que colocarás al principio del sistema, a una altura de al menos 1 metro del suelo, será suficiente para el riego de la superficie cubierta por el sistema.

Erhas a développé Drip Pack-F pour fournir des solutions de systèmes d'irrigation efficaces aux agriculteurs de petites parcelles qui ne disposent pas de conditions suffisantes.
Le Drip Pack a été conçu en fonction des besoins des agriculteurs, en tenant compte du terrain difficile et des conditions climatiques rigoureuses.
Les composants du Drip Pack ont été sélectionnés par les experts d'Erhas pour une installation rapide et facile.
Le système n'a pas besoin de pompe pour fournir de la pression, car il peut fonctionner facilement à basse pression. Un réservoir d'eau d'au moins 200 litres, que vous placerez au début du système à une hauteur d'au moins 1 mètre du sol, sera suffisant pour l'irrigation de la surface couverte par le système

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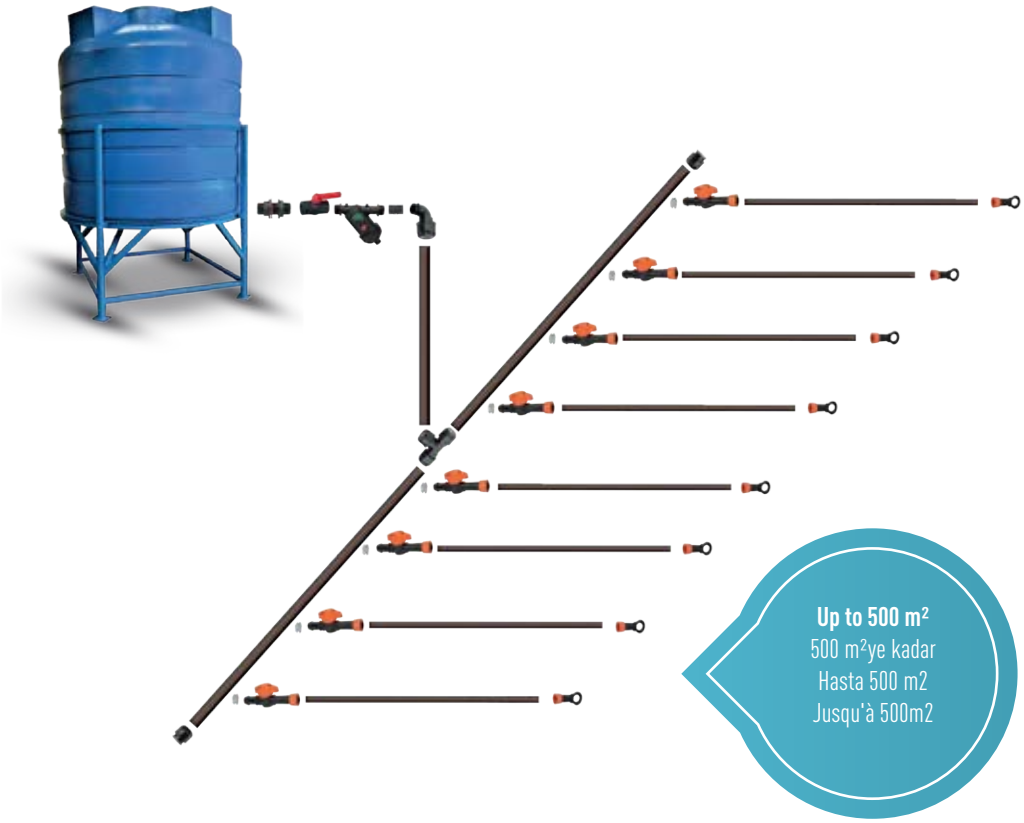
Advantages of Erhas Drip Pack-F
Erhas Drip Pack-F'in avantajları
Ventajas del kit de riego por goteo Erhas
Les avantages de Drip Pack-F Erhas

- **All-in-one package |** Hepsi tek pakette | Paquete todo en uno | Tout en un seul paquet
- **Easy installation and usage |** Kolay kurulum ve kullanım | Fácil instalación y uso | Installation et utilisation faciles
- **Time saving |** Zamandan tasarruf | Ahorro de tiempo| Gain de temps
- **Less water consumption |** Sudan tasarruf | Menos consumo de agua | Faible consommation d'eau
- **Less energy cost |** Enerjiden tasarruf | Menos costos de energía | Faible coût énergétique
- **Farmer-Friendly |** Çiftçi dostu | Favorable a los agricultores | Adapté aux agriculteurs
- **More crops |** Mahsul verimliliği | Más cultivos | Utilisé à plusieurs cultures
- **Less soil salinization |** Toprak tuzlanmasını önler | Menos salinización del suelo | Minimisation de la salinisation du sol
- **Less weed growth |** Yabancı ot gelişimini önler | Menos crecimiento de maleza | Empêchement de la propagation des mauvaises herbes
- **Reasonable price |** Düşük maliyet | Precio razonable | Prix raisonnable

APPLICATIONS
Uygulamalar
Aplicaciones
Applications

E Erhas Drip Pack-F can be used for all types of crops which are planted in rows. The system is designed to be installed in fields with a maximum slope of 2%.
Erhas Drip Pack-F, sıra halinde ekilen her türlü mahsul için kullanılabilir. Sistem, eğimi maksimum %2 olan tarlalara kurulmak üzere tasarlanmıştır.
El kit de riego por goteo ERHAS puede usarse en todos los tipos de cultivos que estén plantados en filas. El sistema está diseñado para ser instalado en campos con una inclinación máxima de 2%.
ERHAS Drip Pack-F peut être utilisé pour tous les types de cultures qui sont plantées en rangée. Le système est conçu pour être installé dans des champs avec une pente maximale de 2%.

Installation diagram
Kurulum şeması
Installation diagram
Schema d'implantation



How to order Drip Pack-F
Drip Pack-F nasıl sipariş verilir
How to order Drip Pack-F
Comment commander Drip Pack-F

- : 017-025-001
- : B-2 (46x65x44 cm)
- : 16
- : 110 x 130 x 192

ERHAS

ERHAS®
IRRIGATION SYSTEMS

Filters
Filtreler
Filtros
Filtres

TÜRK PATENT

TSE TS 737

WIPO | PCT
The International Patent System

Single plastic disc filter | Tekli plastik disk filtreler | Filtro de disco de plástico | Filtre à disque simple en plastique

PN10

1 Stainless clamped series

Paslanmaz kelepçeli seri
Serie con abrazadera de acero inoxidable
Série de colliers en acier inoxydable

2 Plastic clamped series

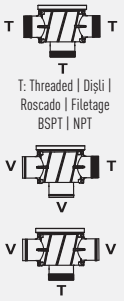
Plastik kelepçeli seri
Serie con abrazaderas plásticas
Série de colliers en plastique

3 Galvanized clamped series

Galvaniz kelepçeli seri
Serie con abrazaderas galvanizadas
Série de colliers galvanisés

- 130 micron | mikron | micrones | microns 120 mesh

Connection Type | Bağlantı Tipi | Tipo de conexión | Type de connexion



1	2	3				m³/h	cm²	
900-020-01-01	910-020-01-01	920-020-01-01	2"	BSPT x BSPT x BSPT	short kısa corto court	40	1335	B-3
900-020-01-11	910-020-01-11	920-020-01-11		NPT x NPT x NPT				
900-020-01-02	910-020-01-02	920-020-01-02		V x V x BSPT				
900-020-01-12	910-020-01-12	920-020-01-12		V x V x NPT				
900-020-01-03	910-020-01-03	920-020-01-03		V x BSPT x V				
900-020-01-13	910-020-01-13	920-020-01-13		V x NPT x V				
900-020-02-01	910-020-02-01	920-020-02-01		BSPT x BSPT x BSPT	long uzun largo long	40	1810	B-3
900-020-02-11	910-020-02-11	920-020-02-11		NPT x NPT x NPT				
900-020-02-02	910-020-02-02	920-020-02-02		V x V x BSPT				
900-020-02-12	910-020-02-12	920-020-02-12		V x V x NPT				
900-020-02-03	910-020-02-03	920-020-02-03		V x BSPT x V				
900-020-02-13	910-020-02-13	920-020-02-13		V x NPT x V				
900-025-01-01	910-025-01-01	920-025-01-01	2 ½"	BSPT x BSPT x BSPT	short kısa corto court	48	1335	B-3
900-025-01-11	910-025-01-11	920-025-01-11		NPT x NPT x NPT				
900-025-01-02	910-025-01-02	920-025-01-02		V x V x BSPT				
900-025-01-12	910-025-01-12	920-025-01-12		V x V x NPT				
900-025-01-03	910-025-01-03	920-025-01-03		V x BSPT x V				
900-025-01-13	910-025-01-13	920-025-01-13		V x NPT x V				
900-025-02-01	910-025-02-01	920-025-02-01		BSPT x BSPT x BSPT	long uzun largo long	48	1810	B-3
900-025-02-11	910-025-02-11	920-025-02-11		NPT x NPT x NPT				
900-025-02-02	910-025-02-02	920-025-02-02		V x V x BSPT				
900-025-02-12	910-025-02-12	920-025-02-12		V x V x NPT				
900-025-02-03	910-025-02-03	920-025-02-03		V x BSPT x V				
900-025-02-13	910-025-02-13	920-025-02-13		V x NPT x V				
900-030-01-01	910-030-01-01	920-030-01-01	3"	BSPT x BSPT x BSPT	short kısa corto court	55	1335	B-3
900-030-01-11	910-030-01-11	920-030-01-11		NPT x NPT x NPT				
900-030-01-02	910-030-01-02	920-030-01-02		V x V x BSPT				
900-030-01-12	910-030-01-12	920-030-01-12		V x V x NPT				
900-030-01-03	910-030-01-03	920-030-01-03		V x BSPT x V				
900-030-01-13	910-030-01-13	920-030-01-13		V x NPT x V				
900-030-02-01	910-030-02-01	920-030-02-01		BSPT x BSPT x BSPT	long uzun largo long	55	1810	B-3
900-030-02-11	910-030-02-11	920-030-02-11		NPT x NPT x NPT				
900-030-02-02	910-030-02-02	920-030-02-02		V x V x BSPT				
900-030-02-12	910-030-02-12	920-030-02-12		V x V x NPT				
900-030-02-03	910-030-02-03	920-030-02-03		V x BSPT x V				
900-030-02-13	910-030-02-13	920-030-02-13		V x NPT x V				

Single plastic screen filter | Tekli plastik elek flitreler | Filtro de malla de plástico | Filtre à tamis simple en plastique
PN10

1 Stainless clamped series
Paslanmaz kelepçeli seri
Serie con abrazadera de acero inoxidable
Série de colliers en acier inoxydable

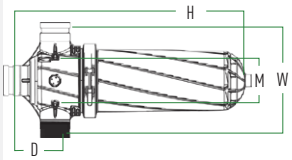
2 Plastic clamped series
Plastik kelepçeli seri
Serie con abrazaderas plásticas
Série de colliers en plastique

3 Galvanized clamped series
Galvaniz kelepçeli seri
Serie con abrazaderas galvanizadas
Série de colliers galvanisés

- 130 micron | mikron | microns | microns 120 mesh

Connection Type | Bağlantı Tipi | Tipo de conexión | Type de connexion

1	2	3				m³/h	cm²	
900-020-01-04	910-020-01-04	920-020-01-04	2"	BSPT x BSPT x BSPT	short kısa corto court	40	1210	B-3
900-020-01-14	910-020-01-14	920-020-01-14		NPT x NPT x NPT				
900-020-01-05	910-020-01-05	920-020-01-05		V x V x BSPT				
900-020-01-15	910-020-01-15	920-020-01-15		V x V x NPT				
900-020-01-06	910-020-01-06	920-020-01-06		V x BSPT x V				
900-020-01-16	910-020-01-16	920-020-01-16		V x NPT x V				
900-020-02-04	910-020-02-04	920-020-02-04		BSPT x BSPT x BSPT	long uzun largo long	40	1620	B-3
900-020-02-14	910-020-02-14	920-020-02-14		NPT x NPT x NPT				
900-020-02-05	910-020-02-05	920-020-02-05		V x V x BSPT				
900-020-02-15	910-020-02-15	920-020-02-15		V x V x NPT				
900-020-02-06	910-020-02-06	920-020-02-06		V x BSPT x V				
900-020-02-16	910-020-02-16	920-020-02-16		V x NPT x V				
900-025-01-04	910-025-01-04	920-025-01-04	2 ½"	BSPT x BSPT x BSPT	short kısa corto court	48	1210	B-3
900-025-01-14	910-025-01-14	920-025-01-14		NPT x NPT x NPT				
900-025-01-05	910-025-01-05	920-025-01-05		V x V x BSPT				
900-025-01-15	910-025-01-15	920-025-01-15		V x V x NPT				
900-025-01-06	910-025-01-06	920-025-01-06		V x BSPT x V				
900-025-01-16	910-025-01-16	920-025-01-16		V x NPT x V				
900-025-02-04	910-025-02-04	920-025-02-04		BSPT x BSPT x BSPT	long uzun largo long	48	1620	B-3
900-025-02-14	910-025-02-14	920-025-02-14		NPT x NPT x NPT				
900-025-02-05	910-025-02-05	920-025-02-05		V x V x BSPT				
900-025-02-15	910-025-02-15	920-025-02-15		V x V x NPT				
900-025-02-06	910-025-02-06	920-025-02-06		V x BSPT x V				
900-025-02-16	910-025-02-16	920-025-02-16		V x NPT x V				
900-030-01-04	910-030-01-04	920-030-01-04	3"	BSPT x BSPT x BSPT	short kısa corto court	55	1210	B-3
900-030-01-14	910-030-01-14	920-030-01-14		NPT x NPT x NPT				
900-030-01-05	910-030-01-05	920-030-01-05		V x V x BSPT				
900-030-01-15	910-030-01-15	920-030-01-15		V x V x NPT				
900-030-01-06	910-030-01-06	920-030-01-06		V x BSPT x V				
900-030-01-16	910-030-01-16	920-030-01-16		V x NPT x V				
900-030-02-04	910-030-02-04	920-030-02-04		BSPT x BSPT x BSPT	long uzun largo long	55	1620	B-3
900-030-02-14	910-030-02-14	920-030-02-14		NPT x NPT x NPT				
900-030-02-05	910-030-02-05	920-030-02-05		V x V x BSPT				
900-030-02-15	910-030-02-15	920-030-02-15		V x V x NPT				
900-030-02-06	910-030-02-06	920-030-02-06		V x BSPT x V				
900-030-02-16	910-030-02-16	920-030-02-16		V x NPT x V				



		W (mm)	H (mm)	M (mm)	D (mm)
2"	short | kısa | corto | court	340	630	140	160
	long | uzun | largo | long		740		
2 ½"	short | kısa | corto | court	340	630	140	160
	long | uzun | largo | long		740		
3"	short | kısa | corto | court	340	630	140	160
	long | uzun | largo | long		740		

Double plastic disc filter | İkiz plastik disk filtreler | Filtro de disco de plástico doble | Filtre à disque double en plastique

PN10

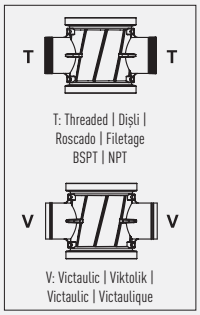
1 Stainless clamped series
Paslanmaz kelepçeli seri
Serie con abrazadera de acero inoxidable
Série de colliers en acier inoxydable

2 Plastic clamped series
Plastik kelepçeli seri
Serie con abrazaderas plásticas
Série de colliers en plastique

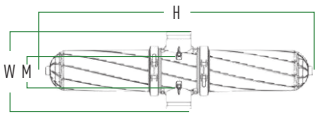
3 Galvanized clamped series
Galvaniz kelepçeli seri
Serie con abrazaderas galvanizadas
Série de colliers galvanisés

■ 130 micron | mikron | microns | microns 120 mesh

Connection Type | Bağlantı Tipi | Tipo de conexión | Type de connexion



1	2	3				m³/h	cm²	
950-030-01-01	960-030-01-01	970-030-01-01	3"	BSPT x BSPT	short kısa corto court	70	2670	B-4
950-030-01-11	960-030-01-11	970-030-01-11		NPT x NPT				
950-030-01-02	960-030-01-02	970-030-01-02		V x V				
950-030-02-01	960-030-02-01	970-030-02-01		BSPT x BSPT	long uzun largo long	100	3615	B-5
950-030-02-11	960-030-02-11	970-030-02-11		NPT x NPT				
950-030-02-02	960-030-02-02	970-030-02-02		V x V				
950-040-01-01	960-040-01-01	970-040-01-01	4"	BSPT x BSPT	short kısa corto court	70	2670	B-4
950-040-01-11	960-040-01-11	970-040-01-11		NPT x NPT				
950-040-01-02	960-040-01-02	970-040-01-02		V x V				
950-040-02-01	960-040-02-01	970-040-02-01		BSPT x BSPT	long uzun largo long	100	3615	B-5
950-040-02-11	960-040-02-11	970-040-02-11		NPT x NPT				
950-040-02-02	960-040-02-02	970-040-02-02		V x V				



		W (mm)	H (mm)	M (mm)
3"	short | kısa | corto | court	340	960	140
	long | uzun | largo | long		1200	
4"	short | kısa | corto | court		960	
	long | uzun | largo | long		1200	

Technical Specs
Teknik Detaylar
Especificaciones técnicas
Spécifications techniques

Body | Gövde | Cuerpo | Corps	Fiberglass reinforced polyamide | Cam elyaf katkılı poliamid | Poliamida reforzada con fibra de vidrio | Polymère renforcé de fibres de verre
Cartridge | İç Takım | Cartucho | Cartouche	PP Disc | PP Disk | Disco PP | Disque en PP - Stainless steel screen | Paslanmaz çelik elek | Malla de acero inoxidable | Tamis en acier inoxydable
Clamp | Kelepçe | Abrazadera | Collier de serrage	Engineering Plastic | Mühendislik Plastiği | Plástico de ingeniería | Plastique industriel - Stainless steel | Paslanmaz çelik | Acero inoxidable | Acier inoxydable
O rings | Contalar | O Ring | Joint torique	Rubber | Kauçuk | Caucho | Caoutchouc

Given results are for 130 micron disc and screen cartridges.
pH>4 | Maximum temperature 60 C

Verilen sonuçlar 130 mikron disk ve elek iç takımlar içindir.
pH>4 | Maksimum sıcaklık 60 C

Los resultados indicados son para cartuchos de disco y malla de 130 micrones.
pH>4 | Temperatura máxima 60° C

Les résultats indiqués correspondent à des cartouches à mailles et à disques de 130 microns.
pH>4 | Température maximale 60° C.

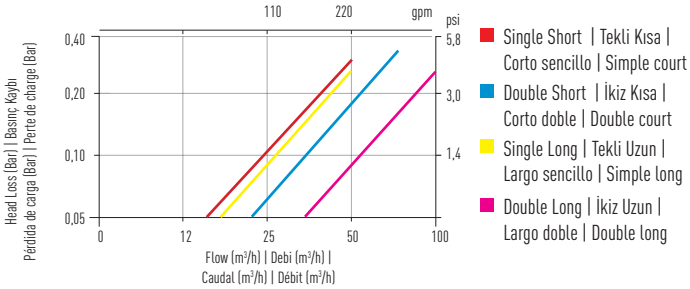
1 Stainless clamped series
Paslanmaz kelepçeli seri
Serie con abrazadera de acero inoxidable
Série de colliers en acier inoxydable

2 Plastic clamped series
Plastik kelepçeli seri
Serie con abrazaderas plásticas
Série de colliers en plastique

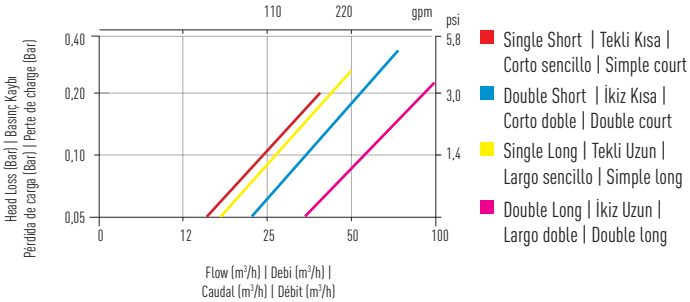
3 Galvanized clamped series
Galvaniz kelepçeli seri
Serie con abrazaderas galvanizadas
Série de colliers galvanisés

1	2	3				m³/h	cm²	
950-030-01-03	960-030-01-03	970-030-01-03	3"	BSPT x BSPT	short kısa corto court	70	2435	B-4
950-030-01-13	960-030-01-13	970-030-01-13		NPT x NPT				
950-030-01-04	960-030-01-04	970-030-01-04		V x V				
950-030-02-03	960-030-02-03	970-030-02-03		BSPT x BSPT	long uzun largo long	100	3245	B-5
950-030-02-13	960-030-02-13	970-030-02-13		NPT x NPT				
950-030-02-04	960-030-02-04	970-030-02-04		V x V				
950-040-01-03	960-040-01-03	970-040-01-03	4"	BSPT x BSPT	short kısa corto court	70	2435	B-4
950-040-01-13	960-040-01-13	970-040-01-13		NPT x NPT				
950-040-01-04	960-040-01-04	970-040-01-04		V x V				
950-040-02-03	960-040-02-03	970-040-02-03		BSPT x BSPT	long uzun largo long	100	3245	B-5
950-040-02-13	960-040-02-13	970-040-02-13		NPT x NPT				
950-040-02-04	960-040-02-04	970-040-02-04		V x V				

Erhas plastic disc filters head loss
Erhas plastik disk filtreler basınç kaybı
Pérdida de carga de los filtros de disco plásticos de Erhas
Perte de charge des filtres à disques en plastique Erhas

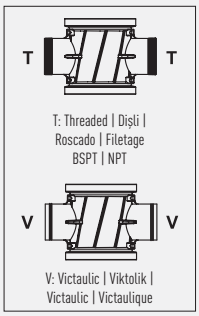


Erhas plastic screen filters head loss
Erhas plastik elek filtreler basınç kaybı
Pérdida de carga de los filtros de malla plásticos de Erhas
Perte de charge des filtres à tamis en plastique Erhas



- 130 micron | mikron | microns | microns 120 mesh

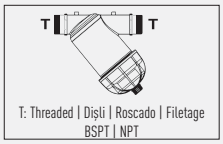
Connection Type | Bağlantı Tipi |
Tipo de conexión | Type de connexion



Y type disc filters
Y tip disk filtreler
Filtros de disco tipo Y
Filtres à disque de type Y

+plus

■ 130 micron | mikron | micrones | microns 120 mesh

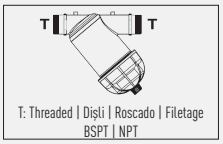


			m³/h	cm²	B-2
800-112-01-01	1 ½"	BSPT x BSPT	20	559,20	15
800-112-01-11		NPT x NPT			
800-200-01-01	2"	BSPT x BSPT	25	559,20	15
800-200-01-11		NPT x NPT			

Y type disc filters
Y tip disk filtreler
Filtros de disco tipo Y
Filtres à disque de type Y

midi

■ 130 micron | mikron | micrones | microns 120 mesh

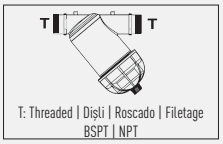


			m³/h	cm²	B-2
800-114-02-01	1 ¼"	BSPT x BSPT	10	311,96	32
800-114-02-11		NPT x NPT			
800-112-02-01	1 ½"	BSPT x BSPT	15	311,96	32
800-112-02-11		NPT x NPT			

Y type disc filters
Y tip disk filtreler
Filtros de disco tipo Y
Filtres à disque de type Y

mini

■ 130 micron | mikron | micrones | microns 120 mesh



			m³/h	cm²	B-2
800-034-03-01	¾"	BSPT x BSPT	6	172,25	60
800-034-03-11		NPT x NPT			
800-100-03-01	1	BSPT x BSPT	7	172,25	60
800-100-03-11		NPT x NPT			

Y type screen filters
Y tip elek filtreler
Filtros de malla tipo Y
Filtres à tamis de type Y

+plus

■ 130 micron | mikron | microns | microns 120 mesh

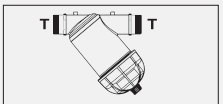
T: Threaded | Dişli | Roscado | Filetage
BSPT | NPT

			m³/h	cm²	B-2
800-112-01-02	1 ½"	BSPT x BSPT	20	525,43	15
800-112-01-12		NPT x NPT			
800-200-01-02	2"	BSPT x BSPT	25	525,43	15
800-200-01-12		NPT x NPT			

Y type screen filters
Y tip elek filtreler
Filtros de malla tipo Y
Filtres à tamis de type Y

midi

■ 130 micron | mikron | microns | microns 120 mesh



T: Threaded | Dişli | Roscado | Filetage
BSPT | NPT

			m³/h	cm²	B-2
800-114-02-02	1 ¼"	BSPT x BSPT	10	322,54	32
800-114-02-12		NPT x NPT			
800-112-02-02	1 ½"	BSPT x BSPT	15	322,54	32
800-112-02-12		NPT x NPT			

Y type screen filters
Y tip elek filtreler
Filtros de malla tipo Y
Filtres à tamis de type Y

mini

■ 130 micron | mikron | microns | microns 120 mesh

T: Threaded | Dişli | Roscado | Filetage
BSPT | NPT

			m³/h	cm²	B-2
800-034-03-02	¾"	BSPT x BSPT	6	178,47	60
800-034-03-12		NPT x NPT			
800-100-03-02	1	BSPT x BSPT	7	178,47	60
800-100-03-12		NPT x NPT			

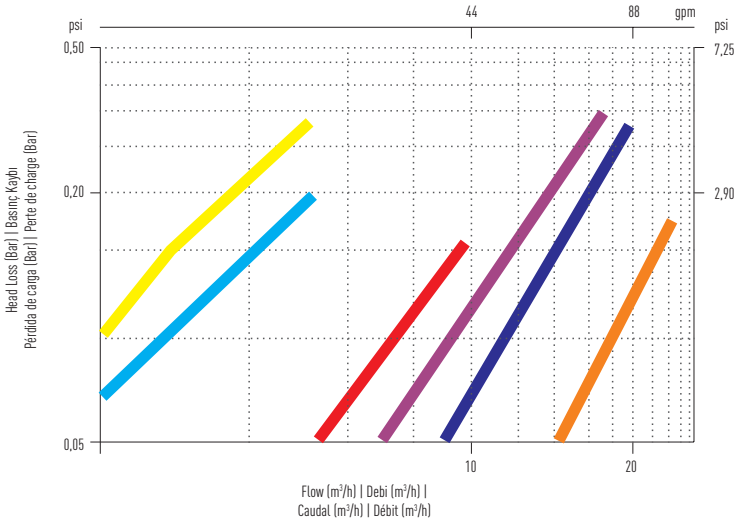
Technical Specs
Teknik detaylar
Detalles Técnicos
Détails techniques

Body | Gövde | Cuerpo | Corps	**Cartridge** | İç Takım | Cartucho | Cartouche	**Contalar** | O-ring | O-ring | Joint
Polypropylene Polipropilen Polipropileno Polypropylène	PP Disc - PP Disk Stainless steel screen - Paslanmaz çelik elek	Rubber | Kauçuk | Caucho| Caoutchouc

- Verilen sonuçlar 130 mikron disk ve elek iç takımlar içindir. pH>4 | Maksimum sıcaklık 60 C | Maksimum basınç 10 Bar
- Given results are for 130 micron disc and screen cartridges. pH>4 | Maximum temperature 60 C | Maximum pressure 10 Bar
- Los resultados dados corresponden a cartuchos de disco y malla de 130 micrones. pH>4 | Temperatura máxima 60 C | Presión máxima 10 Bar
- Les résultats donnés sont pour des cartouches à disque et tamis de 130 microns. pH>4 | Température maximale 60 C | Pression maximale 10 bar

Y type plastic filters flow analysis and technical drawing

Y tip plastik filtre akış analizleri ve teknik çizimleri
Análisis de flujo y dibujo técnico de los filtros de plástico tipo Y
Analyse des flux et dessin technique des filtres en plastique de type Y



Y type disc filters

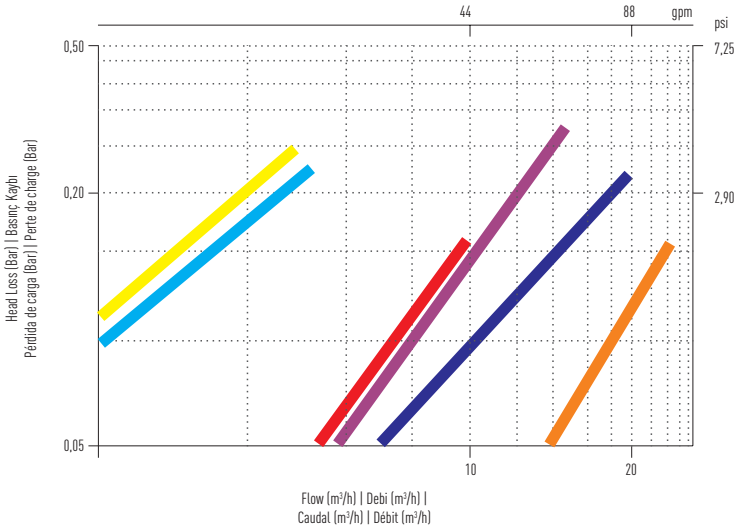
Y tip disk filtreler
Tipo de filtros Y / con disco
Filtres a disque de type y

- 1 ½" / 2" **+plus**
- 1 ¼" / 1 ½" **midi**
- ¾" / 1" **mini**

Y type screen filters

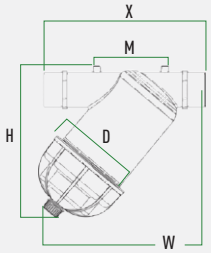
Y tip elek filtreler
Tipo de filtros Y / con malla
Filtres a tamis de type Y

- 1 ½" / 2" **+plus**
- 1 ¼" / 1 ½" **midi**
- ¾" / 1" **mini**



Dimensions

Ölçüler
Dimensiones
Dimensions



		X (mm)	W (mm)	M (mm)	H (mm)	D (mm)
+plus	1 ½" x 1 ½"	263	275	110	250	143
	2" x 2"					
midi	1 ¼" x 1 ¼"	230	225	95	205	115
	1 ½" x 1 ½"					
mini	¾" x ¾"	170	182	70	170	93,5
	1 " x 1 "					

Disc cartridge for plastic filter
Plastik filtre iç takım disk
Cartucho de disco para filtro de plástico
Cartouche à disque pour filtre en plastique

- 130 micron | mikron | micrones | microns 120 mesh

			B-2
999-234-00-01	2"-2½"-3"-4"	short | kısa | corto | court	12
999-234-00-02	2"-2½"-3"-4"	long | uzun | largo | long	8

Screen cartridge
Plastik filtre iç takım elek
Cartucho de malla
Cartouche de tamis

- 130 micron | mikron | micrones | microns 120 mesh

		B-2
997-020-00-01	12,5	16
997-025-00-01	25	28
997-030-00-01	37,5	16
997-040-00-01	50	12

Disc cartridge for y type filter
Y tip filtre iç takım disk
Cartucho de disco para filtro tipo Y
Cartouche à disque pour filtre de type Y

- 130 micron | mikron | micrones | microns 120 mesh

		B-1
899-100-01-01	+plus	28
899-200-02-01	midi	54
899-300-03-01	mini	145

Screen cartridge for y type filter
Y tip filtre iç takım elek
Cartucho de malla para filtro tipo Y
Cartouche à tamis pour filtre de type Y

- 130 micron | mikron | micrones | microns 120 mesh

		B-1
897-100-01-02	+plus	28
897-200-02-02	midi	54
897-300-03-02	mini	112

ERHAS®
IRRIGATION SYSTEMS

Compression fittings

Kaplinler

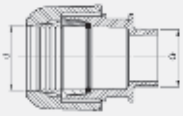
Accesorios de compresión

Raccords à compression

TÜRK PATENT

TS ISO 17885

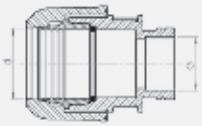
Male adapter
Erkek kaplin
Adaptador macho
Adaptateur mâle



	dxG		B-2
110-020-10001-16	20 x ½"	100	800
110-020-10002-16	20 x ¾"	100	800
110-025-10005-16	25 x ½"	50	400
110-025-10006-16	25 x ¾"	50	400
110-025-10007-16	25 x 1"	50	400
110-032-10011-16	32 x ½"	50	300
110-032-10012-16	32 x ¾"	50	300
110-032-10013-16	32 x 1"	50	300
110-032-10014-16	32 x 1¼"	50	300
110-040-10021-16	40 x 1"	30	180
110-040-10022-16	40 x 1 ¼"	30	180
110-040-10023-16	40 x 1 ½"	30	180
110-050-10032-16	50 x 1 ¼"	20	140
110-050-10033-16	50 x 1 ½"	20	120
110-050-10035-16	50 x 2"	20	120

	dxG		B-2
110-063-10044-16	63 x 1 ¼"	12	72
110-063-10045-16	63 x 1 ½"	12	72
110-063-10047-16	63 x 2"	12	72
110-063-10049-16	63 x 2 ½"	12	72
110-075-10059-16	75 x 2"	6	36
110-075-10061-16	75 x 2 ½"	6	36
110-075-10063-16	75 x 3"	6	36
110-090-10075-16	90 x 2"	6	24
110-090-10077-16	90 x 2 ½"	6	24
110-090-10079-16	90 x 3"	6	24
110-090-10083-16	90 x 4"	6	24
110-110-10091-16	110 x 2"	4	12
110-110-10093-16	110 x 2 ½"	4	12
110-110-10095-16	110 x 3"	4	12
110-110-10099-16	110 x 4"	4	12

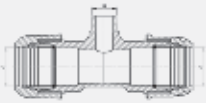
Female adapter
Dişi kaplin
Adaptador hembra
Adaptateur femelle



	dxG		B-2
110-020-11001-16	20 x ½"	100	800
110-020-11002-16	20 x ¾"	100	800
110-025-11005-16	25 x ½"	50	400
110-025-11006-16	25 x ¾"	50	400
110-025-11007-16	25 x 1"	50	400
110-032-11012-16	32 x ¾"	50	250
110-032-11013-16	32 x 1"	50	250
110-032-11014-16	32 x 1¼"	50	250
110-040-11021-16	40 x 1"	20	140
110-040-11022-16	40 x 1 ¼"	20	140
110-040-11023-16	40 x 1 ½"	20	140
110-050-11032-16	50 x 1 ¼"	15	120
110-050-11033-16	50 x 1 ½"	15	120
110-050-11035-16	50 x 2"	15	120

	dxG		B-2
110-063-11045-16	63 x 1 ½"	12	72
110-063-11047-16	63 x 2"	12	72
110-063-11049-16	63 x 2 ½"	12	72
110-075-11059-16	75 x 2"	6	36
110-075-11061-16	75 x 2 ½"	6	36
110-075-11063-16	75 x 3"	6	36
110-090-11075-16	90 x 2"	6	24
110-090-11077-16	90 x 2 ½"	6	24
110-090-11079-16	90 x 3"	6	24
110-090-11083-16	90 x 4"	6	24
110-110-11091-16	110 x 2"	4	12
110-110-11093-16	110 x 2½"	4	12
110-110-11095-16	110 x 3"	4	12
110-110-11099-16	110 x 4"	4	12

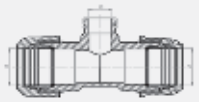
Coupling male te
Kaplin erkek te
Acople macho te
Raccord mâle te



	d x G		B-2
110-020-15001-16	20 x ½" x 20	30	300
110-020-15002-16	20 x ¾" x 20	30	300
110-025-15005-16	25 x ½" x 25	20	160
110-025-15006-16	25 x ¾" x 25	20	160
110-025-15007-16	25 x 1" x 25	20	160
110-025-15008-16	25 x 1¼ x 25	20	160
110-032-15012-16	32 x ¾" 32	20	120
110-032-15013-16	32 x 1" x 32	20	120
110-032-15014-16	32 x 1 ¼" x 32	20	120
110-040-15021-16	40 x 1" x 40	10	60
110-040-15022-16	40 x 1 ¼" x 40	10	60
110-040-15023-16	40 x 1 ½" x 40	10	60
110-050-15031-16	50 x 1" x 50	4	40
110-050-15032-16	50 x 1 ¼" x 50	4	40
110-050-15033-16	50 x 1 ½" x 50	4	40

	d x G		B-2
110-050-15035-16	50 x 2" x 50	4	40
110-063-15044-16	63 x 1 ¼" x 63	4	24
110-063-15045-16	63 x 1 ½" x 63	4	24
110-063-15047-16	63 x 2" x 63	4	24
110-063-15049-16	63 x 2 ½" x 63	4	24
110-075-15059-16	75 x 2" x 75	2	12
110-075-15061-16	75 x 2 ½" x 75	2	12
110-075-15063-16	75 x 3" x 75	2	12
110-090-15077-16	90 x 2 ½" x 90	2	8
110-090-15079-16	90 x 3" x 90	2	8
110-090-15083-16	90 x 4" x 90	2	8
110-110-15093-16	110x2½"x110	2	4
110-110-15095-16	110 x 3" x 110	2	4
110-110-15099-16	110 x 4" x 110	2	4

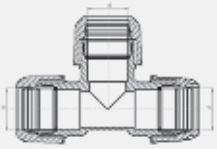
Coupling female te
Kaplin dişi te
Acople hembra te
Raccord femelle te



	d x G		B-2
110-020-16001-16	20 x ½" x 20	30	300
110-020-16002-16	20 x ¾" x 20	30	300
110-025-16005-16	25 x ½" x 25	20	160
110-025-16006-16	25 x ¾" x 25	20	160
110-025-16007-16	25 x 1" x 25	20	160
110-032-16011-16	32 x ½" x 32	20	100
110-032-16012-16	32 x ¾" x 32	20	100
110-032-16013-16	32 x 1" x 32	20	100
110-032-16014-16	32 x 1 ¼" x 32	20	100
110-040-16020-16	40 x ¾" x 40	10	60
110-040-16021-16	40 x 1" x 40	10	60
110-040-16022-16	40 x 1 ¼" x 40	10	60
110-040-16023-16	40 x 1 ½" x 40	10	60
110-050-16030-16	50 x ¾" x 50	4	36
110-050-16031-16	50 x 1" x 50	4	36
110-050-16032-16	50 x 1 ¼" x 50	4	36

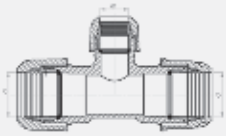
	d x G		B-2
110-050-16033-16	50 x 1 ½" x 50	4	36
110-050-16035-16	50 x 2" x 50	4	36
110-063-16043-16	63 x 1" x 63	4	24
110-063-16044-16	63 x 1 ¼" x 63	4	24
110-063-16045-16	63 x 1 ½" x 63	4	24
110-063-16047-16	63 x 2" x 63	4	24
110-063-16049-16	63 x 2 ½" x 63	4	24
110-075-16059-16	75 x 2" x 75	2	12
110-075-16061-16	75 x 2 ½" x 75	2	12
110-075-16063-16	75 x 3" x 75	2	12
110-090-16077-16	90 x 2 ½" x 90	2	8
110-090-16079-16	90 x 3" x 90	2	8
110-090-16083-16	90 x 4" x 90	2	8
110-110-16093-16	110x2 ½"x110	1	4
110-110-16095-16	110 x 3" x 110	1	4
110-110-16099-16	110 x 4" x 110	1	4

Coupling te
Kaplin te
Acople te
Raccord te



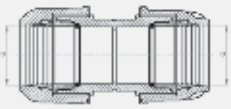
	dxG		B-2
110-020-13000-16	20 x 20 x 20	30	240
110-025-13004-16	25 x 25 x 25	20	120
110-032-13010-16	32 x 32 x 32	12	72
110-040-13018-16	40 x 40 x 40	10	60
110-050-13028-16	50 x 50 x 50	4	36
110-063-13040-16	63 x 63 x 63	4	24
110-075-13052-16	75 x 75 x 75	2	10
110-090-13068-16	90 x 90 x 90	2	6
110-110-13084-16	110x110x110	1	4

Coupling reduction te
Kaplin redüksiyon te
Acople te de reducción
Te réduit



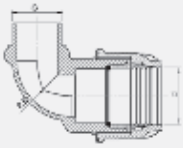
	dxG		B-2		dxG		B-2
110-020-14000-16	20 x 25 x 20	20	200	110-063-14041-16	63 x 25 x 63	4	24
110-025-14004-16	25 x 20 x 25	20	160	110-063-14042-16	63 x 32 x 63	4	24
110-025-14005-16	25 x 32 x 25	20	120	110-063-14043-16	63 x 40 x 63	4	24
110-032-14010-16	32 x 20 x 32	10	90	110-063-14044-16	63 x 50 x 63	4	24
110-032-14011-16	32 x 25 x 32	10	80	110-075-14056-16	75 x 50 x 75	2	10
110-040-14019-16	40 x 25 x 40	10	70	110-075-14057-16	75 x 63 x 75	2	10
110-040-14020-16	40 x 32 x 40	10	60	110-090-14073-16	90 x 63 x 90	2	8
110-050-14029-16	50 x 25 x 50	4	40	110-090-14074-16	90 x 75 x 90	2	8
110-050-14030-16	50 x 32 x 50	4	40	110-110-14089-16	110 x 63 x 110	1	4
110-050-14031-16	50 x 40 x 50	4	40	110-110-14091-16	110 x 90 x 110	1	4

Coupling sleeve
Kaplin manşon
Acople unión
Manchon de liaison



	mm		B-2
110-020-22000-16	20 x 20	50	450
110-025-22004-16	25 x 25	50	300
110-032-22010-16	32 x 32	30	180
110-040-22018-16	40 x 40	20	80
110-050-22028-16	50 x 50	10	70
110-063-22040-16	63 x 63	8	48
110-075-22052-16	75 x 75	4	20
110-090-22068-16	90 x 90	4	16
110-110-22084-16	110 x 110	2	8

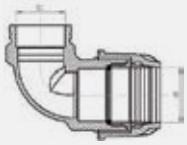
Coupling male elbow
Kaplin erkek dirsek
Acople codo macho
Coude mâle



	d x G		B-2
110-020-19001-16	20 x ½"	50	600
110-020-19002-16	20 x ¾"	50	600
110-025-19005-16	25 x ½"	30	360
110-025-19006-16	25 x ¾"	30	360
110-025-19007-16	25 x 1"	30	360
110-032-19012-16	32 x ¾"	20	180
110-032-19013-16	32 x 1"	20	180
110-032-19014-16	32 x 1¼"	20	180
110-040-19021-16	40 x 1"	10	120
110-040-19022-16	40 x 1 ¼"	10	120
110-040-19023-16	40 x 1 ½"	10	120
110-050-19032-16	50 x 1 ¼"	10	70
110-050-19033-16	50 x 1 ½"	10	70

	d x G		B-2
110-050-19035-16	50 x 2"	10	70
110-063-19045-16	63 x 1 ½"	8	48
110-063-19047-16	63 x 2"	8	48
110-063-19049-16	63 x 2 ½"	8	48
110-075-19059-16	75 x 2"	4	24
110-075-19061-16	75 x 2 ½"	4	24
110-075-19063-16	75 x 3"	4	24
110-090-19077-16	90 x 2 ½"	2	14
110-090-19079-16	90 x 3"	2	14
110-090-19083-16	90 x 4"	2	14
110-110-19095-16	110 x 3"	2	8
110-110-19099-16	110 x 4"	2	8

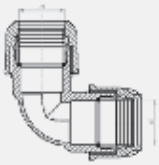
Coupling female elbow
Kaplin dişi dirsek
Acople codo hembra
Coude femelle



	d x G		B-2
110-020-20001-16	20 x ½"	50	600
110-020-20002-16	20 x ¾"	50	500
110-025-20005-16	25 x ½"	30	300
110-025-20006-16	25 x ¾"	30	300
110-025-20007-16	25 x 1"	30	300
110-032-20012-16	32 x ¾"	20	180
110-032-20013-16	32 x 1"	20	180
110-032-20014-16	32 x 1¼"	20	180
110-040-20021-16	40 x 1"	10	120
110-040-20022-16	40 x 1 ¼"	10	120
110-040-20023-16	40 x 1 ½"	10	120
110-050-20032-16	50 x 1 ¼"	10	70

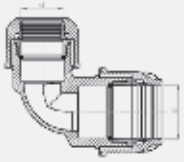
	d x G		B-2
110-050-20033-16	50 x 1 ½"	10	70
110-050-20035-16	50 x 2"	10	70
110-063-20045-16	63 x 1 ½"	8	48
110-063-20047-16	63 x 2"	8	48
110-063-20049-16	63 x 2 ½"	8	48
110-075-20059-16	75 x 2"	4	24
110-075-20061-16	75 x 2 ½"	4	24
110-075-20063-16	75 x 3"	4	24
110-090-20077-16	90 x 2 ½"	2	14
110-090-20079-16	90 x 3"	2	14
110-090-20083-16	90 x 4"	2	14
110-110-20095-16	110 x 3"	2	8
110-110-20099-16	110 x 4"	2	8

Coupling elbow
Kaplin dirsek
Acople codo
Coude d'accouplement



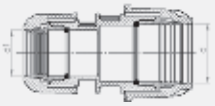
	mm		B-2
110-020-18000-16	20 x 20	50	400
110-025-18004-16	25 x 25	30	210
110-032-18010-16	32 x 32	20	140
110-040-18018-16	40 x 40	12	72
110-050-18028-16	50 x 50	8	48
110-063-18040-16	63 x 63	8	32
110-075-18052-16	75 x 75	4	16
110-090-18068-16	90 x 90	2	10
110-110-18084-16	110 x 110	1	6

Coupling reduction elbow
Kaplin redüksiyon dirsek
Acople codo de reducción
Coude réduit



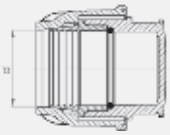
	mm		B-2
110-025-21004-16	25 x 20	30	300
110-032-21011-16	32 x 25	20	160
110-040-21020-16	40 x 32	10	90
110-050-21031-16	50 x 40	8	64
110-063-21044-16	63 x 50	8	40
110-075-21057-16	75 x 63	4	24
110-090-21074-16	90 x 75	2	10
110-110-21091-16	110 x 90	2	8

Coupling reduction sleeve
Kaplin redüksiyon manşon
Acople unión de reducción
Manchon réduit



	mm		B-2		mm		B-2
110-025-23004-16	25 x 20	50	300	110-063-23042	63 x 32	10	60
110-032-23010-16	32 x 20	20	200	110-063-23043	63 x 40	10	60
110-032-23011-16	32 x 25	20	200	110-063-23044	63 x 50	10	50
110-040-23018-16	40 x 20	20	120	110-075-23056	75 x 50	3	27
110-040-23019-16	40 x 25	20	120	110-075-23057	75 x 63	3	27
110-040-23020-16	40 x 32	20	120	110-090-23073	90 x 63	3	18
110-050-23029-16	50 x 25	10	80	110-090-23074	90 x 75	3	18
110-050-23030-16	50 x 32	10	80	110-110-23089	110 x 63	2	8
110-050-23031-16	50 x 40	10	80	110-110-23090	110 x 75	2	8
110-063-23041-16	63 x 25	10	60	110-110-23091	110 x 90	2	8

Coupling end cap
Kaplin körtapa
Acople tapón
Bouchon



	mm		B-2
110-020-24000-16	20	100	1000
110-025-24004-16	25	50	500
110-032-24010-16	32	50	300
110-040-24018-16	40	30	150
110-050-24028-16	50	16	112
110-063-24040-16	63	12	72
110-075-24052-16	75	6	36
110-090-24068-16	90	6	24
110-110-24084-16	110	4	12

Coupling wrench
Kaplin anahtar
Lave de acople
Clé de couplage

	mm		B-1
010-000-25000	20 - 25 - 32	5	150
010-000-25001	40 - 50 - 63 - 75	5	75
010-000-25002	90 - 110	5	40

Technical Specs
Teknik detaylar
Detalles Técnicos
Détails techniques

	Body | Gövde | Cuerpo | Corps	**Gasket |** O-ring | O-ring | Joint
Raw Material Ham madde Materia prima Matière première	Polypropylene | Polipropilen | Polipropileno | Polypropylène	Natural Rubber | Doğal Kauçuk | Caucho natural | Caoutchouc naturel

ERHAS®
IRRIGATION SYSTEMS

Clamp saddles

Priz kolyeler
Collarines
Colliers de prise

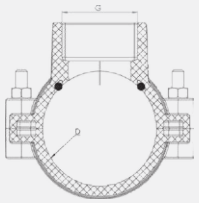
TSE
TS ISO 13460-1

Single outlet clamp saddle
Tek çıkışlı priz kolye
Collarines de salida única
Collier de prise à sortie simple

PN-10

a: single bolt | tek cıvatalı | tornillo simple | vis simple

b: double bolt | çift cıvatalı tornillo doble | vis double



		dxG	B-2
a	010-025-50005	25 mm x ½"	400
a	010-032-50011	32 mm x ½"	350
a	010-032-50012	32 mm x ¾"	350
a	010-040-50019	40 mm x ½"	250
a	010-040-50020	40 mm x ¾"	250
b	010-050-50029	50 mm x ½"	180
b	010-050-50030	50 mm x ¾"	180
b	010-050-50031	50 mm x 1"	180
b	010-063-50041	63 mm x ½"	150
b	010-063-50042	63 mm x ¾"	150
b	010-063-50043	63 mm x 1"	150
b	010-063-50044	63 mm x 1 ¼"	150
b	010-063-50045	63 mm x 1 ½"	150
b	010-075-50053	75 mm x ½"	100
b	010-075-50054	75 mm x ¾"	100
b	010-075-50055	75 mm x 1"	100
b	010-075-50056	75 mm x 1 ¼"	100
b	010-075-50057	75 mm x 1 ½"	100
b	010-075-50059	75 mm x 2"	100
b	010-090-50069	90 mm x ½"	75
b	010-090-50070	90 mm x ¾"	75
b	010-090-50071	90 mm x 1"	75
b	010-090-50072	90 mm x 1 ¼"	75
b	010-090-50073	90 mm x 1 ½"	75
b	010-090-50075	90 mm x 2"	75

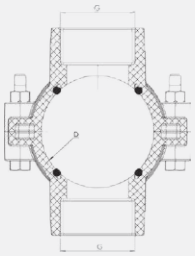
		dxG	B-2
b	010-110-50085	110 mm x ½"	60
b	010-110-50086	110 mm x ¾"	60
b	010-110-50087	110 mm x 1"	60
b	010-110-50088	110 mm x 1 ¼"	60
b	010-110-50089	110 mm x 1 ½"	60
b	010-110-50091	110 mm x 2"	60
b	010-125-50102	125 mm x ¾"	45
b	010-125-50103	125 mm x 1"	45
b	010-125-50104	125 mm x 1 ¼"	45
b	010-125-50105	125 mm x 1 ½"	45
b	010-125-50107	125 mm x 2"	45
b	010-140-50118	140 mm x ¾"	40
b	010-140-50119	140 mm x 1"	40
b	010-140-50120	140 mm x 1 ¼"	40
b	010-140-50121	140 mm x 1 ½"	40
b	010-140-50123	140 mm x 2"	40
b	010-160-50134	160 mm x ¾"	40
b	010-160-50135	160 mm x 1"	40
b	010-160-50136	160 mm x 1 ¼"	40
b	010-160-50137	160 mm x 1 ½"	40
b	010-160-50139	160 mm x 2"	40
b	010-200-50150	200 mm x ¾"	30
b	010-200-50151	200 mm x 1"	30
b	010-200-50152	200 mm x 1 ¼"	30
b	010-200-50153	200 mm x 1 ½"	30
b	010-200-50155	200 mm x 2"	30

Double outlet clamp saddle
Çift çıkışlı priz kolye
Collarines de salida doble
Collier de prise à double sortie

PN-10

a: single bolt | tek cıvatalı | tornillo simple | vis simple

b: double bolt | çift cıvatalı tornillo doble | vis double



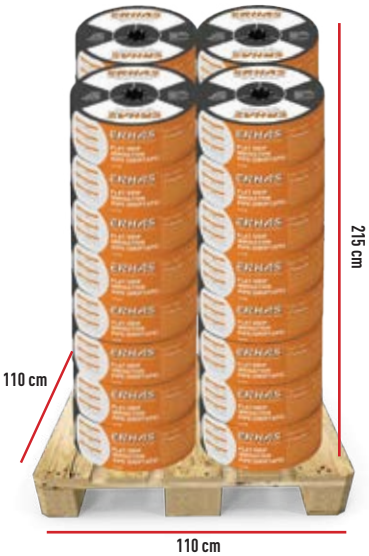
		dxGxG	B-2
a	010-025-55005	25 mm x 1/2" x 1/2"	400
a	010-032-55011	32 mm x 1/2" x 1/2"	350
a	010-032-55012	32 mm x 3/4" x 3/4"	350
a	010-040-55019	40 mm x 1/2" x 1/2"	250
a	010-040-55020	40 mm x 3/4" x 3/4"	250
b	010-050-55029	50 mm x 1/2" x 1/2"	180
b	010-050-55030	50 mm x 3/4" x 3/4"	180
b	010-050-55031	50 mm x 1" x 1"	180
b	010-063-55041	63 mm x 1/2" x 1/2"	150
b	010-063-55042	63 mm x 3/4" x 3/4"	150
b	010-063-55043	63 mm x 1" x 1"	150
b	010-063-55044	63 mm x 1 1/4" x 1 1/4"	150
b	010-063-55045	63 mm x 1 1/2" x 1 1/2"	150
b	010-075-55053	75 mm x 1/2" x 1/2"	100
b	010-075-55054	75 mm x 3/4" x 3/4"	100
b	010-075-55055	75 mm x 1" x 1"	100
b	010-075-55056	75 mm x 1 1/4" x 1 1/4"	100
b	010-075-55057	75 mm x 1 1/2" x 1 1/2"	100
b	010-075-55059	75 mm x 2" x 2"	100
b	010-090-55069	90 mm x 1/2" x 1/2"	75
b	010-090-55070	90 mm x 3/4" x 3/4"	75
b	010-090-55071	90 mm x 1" x 1"	75
b	010-090-55072	90 mm x 1 1/4" x 1 1/4"	75
b	010-090-55073	90 mm x 1 1/2" x 1 1/2"	75
b	010-090-55075	90 mm x 2" x 2"	75

		dxGxG	B-2
b	010-110-55085	110 mm x 1/2" x 1/2"	60
b	010-110-55086	110 mm x 3/4" x 3/4"	60
b	010-110-55087	110 mm x 1" x 1"	60
b	010-110-55088	110 mm x 1 1/4" x 1 1/4"	60
b	010-110-55089	110 mm x 1 1/2" x 1 1/2"	60
b	010-110-55091	110 mm x 2" x 2"	60
b	010-125-55102	125 mm x 3/4" x 3/4"	45
b	010-125-55103	125 mm x 1" x 1"	45
b	010-125-55104	125 mm x 1 1/4" x 1 1/4"	45
b	010-125-55105	125 mm x 1 1/2" x 1 1/2"	45
b	010-125-55107	125 mm x 2" x 2"	45
b	010-140-55118	140 mm x 3/4" x 3/4"	40
b	010-140-55119	140 mm x 1" x 1"	40
b	010-140-55120	140 mm x 1 1/4" x 1 1/4"	40
b	010-140-55121	140 mm x 1 1/2" x 1 1/2"	40
b	010-140-55123	140 mm x 2" x 2"	40
b	010-160-55134	160 mm x 3/4" x 3/4"	40
b	010-160-55135	160 mm x 1" x 1"	40
b	010-160-55136	160 mm x 1 1/4" x 1 1/4"	40
b	010-160-55137	160 mm x 1 1/2" x 1 1/2"	40
b	010-160-55139	160 mm x 2" x 2"	40
b	010-200-55150	200 mm x 3/4" x 3/4"	30
b	010-200-55151	200 mm x 1" x 1"	30
b	010-200-55152	200 mm x 1 1/4" x 1 1/4"	30
b	010-200-55153	200 mm x 1 1/2" x 1 1/2"	30
b	010-200-55155	200 mm x 2" x 2"	30

Technical Specs
Teknik detaylar
Detalles Técnicos
Détails techniques

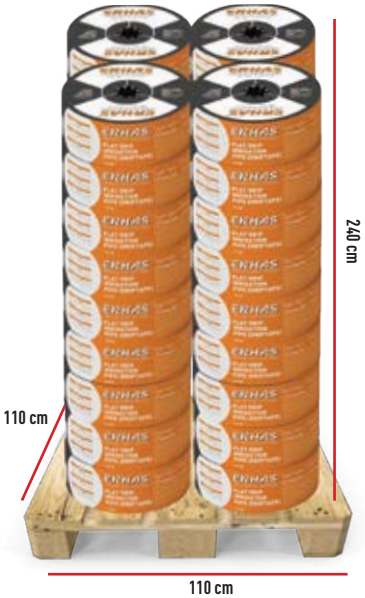
	Body | Gövde | Cuerpo | Corps	**Gasket** | Conta | Junta | Joint	**Bolt**| Cıvata | Tornillo | Vis
Raw material Ham madde Materia prima Matière première	Polypropylene | Polipropilen | Polipropileno | Polypropylène	Natural rubber | Doğal kauçuk | Caucho atural | Caoutchouc naturel	Galvanized iron | Galvanizli demir | Hierro galvanizado | Fer galvanisé

	cm	cm	cm
B-0	29	33	23
B-1	33	45	38
B-2	46	65	44
B-3	35	75	25
B-4	35	95,5	25
B-5	35	122	25
B-6	53	80	23
B-7	55	100	23
Big Box	110	130	130
S-1	55	105	30
S-2	25	70	22
S-3	35	80	22
S-4	50	80	22
R-1	85	85	27
R-2	90	90	25
R-3	56	56	25



P1 = 32 ROLLS | RULO | ROLLOS | ROULEAUX

•FOR 20" DC CONTAINER LOADINGS
20" DC KONTEYNER YÜKLEMELERİ İÇİN
PARA CARGAS DE CONTENEDORES DE 20' DC
CHARGEMENT DES CONTENEURS 20" DC

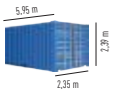


P2 = 36 ROLLS | RULO | ROLLOS | ROULEAUX

• FOR 40" HC CONTAINER LOADINGS
40" HC KONTEYNER YÜKLEMELERİ İÇİN
PARA CARGAS DE CONTENEDORES DE 40" HC
CHARGEMENT DES CONTENEURS 40" HC

P3 = 40 ROLLS | RULO | ROLLOS | ROULEAUX

•FOR TRUCK LOADINGS
TIR YÜKLEMELERİ İÇİN
PARA CARGA DE CAMIONES
POUR CHARGEMENT DES CAMIONS

			
	20" DC	40" HC	TRUCK
B-0	1360	3157	3542
B-1	546	1274	1470
B-2	225	540	642
B-3	432	1020	1170
B-4	342	800	980
B-5	264	622	770
B-6	290	660	825
B-7	220	528	594
Big Box	8	36	44
S-1	210	470	520
S-2	750	1836	2080
S-3	480	1170	1330
S-4	345	810	920
R-1	180	410	480
R-2	165	400	450
R-3	320	720	864
R-4	320	720	864
P-1	10	-	-
P-2	-	20	-
P-3	-	-	24

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