

Respect for
**NATURE
FUTURE
HUMAN**

E.C.A.[®]

TOGETHER FOR YEARS

VALVES FOR REFRIGERATION &
AIR CONDITIONING SYSTEMS

*SOĞUTMA & İKLİMLENDİRME
SİSTEM VALFLERİ*



ERCAN TEKNİK



**SAVE ENERGY
AND PROTECT THE
ENVIRONMENT WITH**

E.C.A.®

CO₂ SOLUTIONS

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* The manufacturer reserves the right to make changes to the technical specifications and dimensions.

* Teknik özellikler ve ölçülerde üretici değişiklik yapma hakkını saklı tutar.

Refrigerant Ball Valves Soğutucu Küresel Valfler

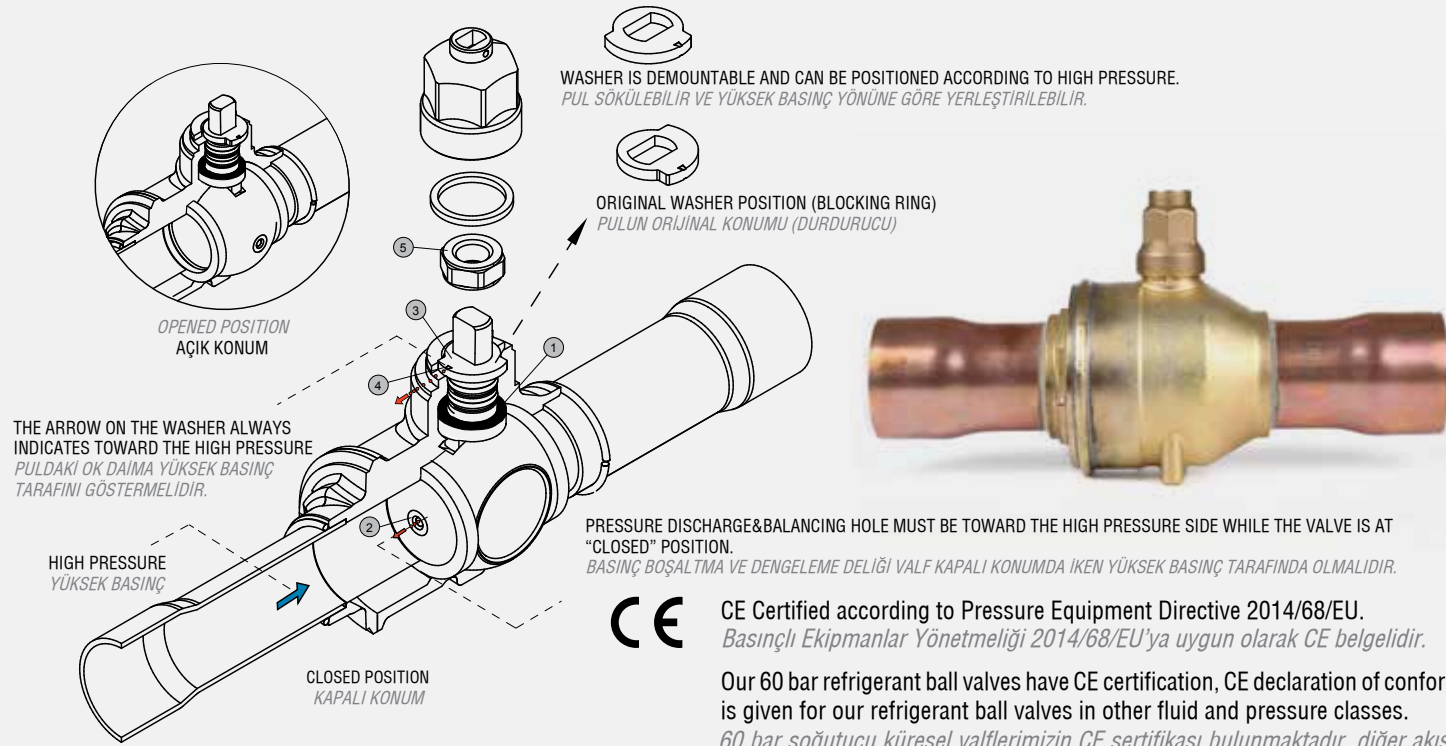
CO₂

Refrigerant Ball Valves Soğutucu Küresel Valfler

E.C.A. refrigerant ball valve is a kind of ball valve, which is used for fluid control (opening-closing) of commercial, domestic and industrial cooling systems according to 2014/68/EU Directive. it is operated by a quarter turn (90°) of the stem. Due to its bi-flow property, the stem can be turned up to 180° in order to balance the pressure in the valve during closed position.

E.C.A. soğutucu küresel valf, 2014/68/EU Direktifi'ne uygun olarak ticari, evsel ve endüstriyel soğutucu sistem tesisatlarında akışkan kontrolü (açma-kapama) için kullanılan bir çeşit küresel valftir. Açma-kapama işlemi milin çeyrek tur (90°) döndürülmesi ile gerçekleşir. Bununla birlikte mamüldeki çift yönlü akış özelliğinden dolayı, mil 180°'ye kadar döndürülerek kapalı konumda vana içindeki basıncın dengelenmesine olanak sağlar.

- Excellent internal and external leak tightness performance
- Double safe stem tightness with two o-rings and PTFE gasket
- TIG welding of the body for external tightness
- The optimum distance of welding area ensures protection of valve inner parts against excessive heat increase.
- Detachment of steel stem group due to high pressure is protected by special design
- Brass upper cover can be sealed in order to prevent the usage of unauthorized people
- PTFE gasket in the upper cover gives additional tightness security
- Self-oiling feature of graphited PTFE seats perform very good internal tightness and long-life cycle
- Connection of copper tubes is ensured by silver-based brazing material
- 100% of the production is checked by using Helium Mass Spectrometer with highly sensitive leak values (5x10-5 mbar.lt/s)
- Testing of the valves are made according to CE directives and requirements of UL standard



CE Certified according to Pressure Equipment Directive 2014/68/EU.
Basıncılı Ekipmanlar Yönetmeliği 2014/68/EU'ya uygun olarak CE belgelidir.

Our 60 bar refrigerant ball valves have CE certification, CE declaration of conformity is given for our refrigerant ball valves in other fluid and pressure classes.
60 bar soğutucu küresel valflerimizin CE sertifikası bulunmaktadır, diğer akışkan ve basınç sınıfındaki soğutucu küresel valflerimiz için CE deklarasyonu verilmektedir.



UL listed according to UL 207 standard.
UL 207 standardına uygun olarak UL listelidir.

- Mükemmel iç ve dış sızdırmazlık performansına sahiptir.
- İki o-ring ve PTFE halka ile çift emniyetli mil sızdırmazlığı sağlanmaktadır.
- Dış sızdırmazlık, gövdede TIG kaynak metodu ile elde edilmektedir.
- Optimum mesafedeki kaynak bölgesi, valf iç parçalarının aşırı ısınmadan korunmasına olanak tanır.
- Özel tasarım sayesinde, açma-kapamayı, sağlayan çelik mil grubununun aşırı basınçtan dolayı yerinden çıkması önlenmiştir.
- Pirinç üst kapak, yetkisiz kişilerin kullanımını önlemek amacıyla mühürleme imkanı tanır.

- Üst kapak içindeki PTFE conta ile ilave sızdırmazlık emniyeti sağlanır.
- Grafitli PTFE sızdırmazlık halkalarının kendinden yağlama özelliği sayesinde mükemmel iç sızdırmazlık ve uzun ömürlü performans elde edilmektedir.
- Valf üzerindeki muf açılmış bakır boruların gövde ile bağlantısı, gümüş bazlı lehim malzemesi yardımıyla sağlanmaktadır.
- Üretimin % 100'ü helyum detektörü kullanılarak çok hassas kaçak değeri ile (5x10-5 mbar.lt/s) kontrol edilmektedir.
- Valflerin testleri CE yönetmelikleri ve UL standartına göre yapılmaktadır.

PN 60										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçerisinde Adet
Ø6	601017708	601017997	10	126	13	51	1,6	60	-40 / +150	14
Ø8	601017709	601017998		132			4,2			14
Ø10	601017710	601017735		140			5,3			14
Ø12	601017711	601017736		140			6,6			14
Ø15	601017712	601017737	16	146	18,5	64	13			10
Ø16	601017713	601017738								10
Ø18	601017714	601017739								10
Ø22	601017715	601017740	20	185	22	74	26			10
Ø28	601017716	601017741	25	205	26	80	41			10
Ø35	601017717	601017742	32	208	32	100	86			4
Ø42	601017718	601017743	38	242	38,5	117	110			4
Ø54	601017719	601017744	50	273	48,5	134	208			2
Ø64 (Ø54)	601017720	601017745		280						2
Ø64 (Ø76)	601017263-03	601017292-03	64	378	60	177	340	1		
Ø76	601017264-03	601017293-03						1		
Ø89	601017265-03	601017294-03	83	423	76	210	480	1		
Ø108	601017266-03	601017295-03					470	45	1	

PN 60										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçerisindeki Adet
1/4"	601017724	601017999	10	126	13	51	1,6	60	-40 / +150	14
5/16"	601017709	601017998		132			4,2			14
3/8"	601017725	601017749		140			5,3			14
1/2"	601017726	601017750					6,6			14
5/8"	601017713	601017738	16	146	18,5	64	13			10
3/4"	601017727	601017751								
7/8"	601017728	601017752	20	185	22	74	26			10
1 1/8"	601017729	601017753	25	205	26	80	41			10
1 3/8"	601017717	601017742	32	208	32	100	86			4
1 5/8"	601017730	601017754	38	242	38,5	117	110			4
2 1/8"	601017719	601017744	50	273	48,5	134	208			2
2 5/8" (Ø54)	601017731	601017755		280						
2 5/8" (Ø76)	601017275-03	601017304-03	64	378	60	177	340	45	1	
3 1/8"	601017276-03	601017305-03							1	
3 5/8"	601017277-03	601017306-03	83	423	76	210	480		1	
4 1/8"	601017278-03	601017307-03								1

PN 130, K-65 Pipe										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçide
Ø6	601017708	601017997	10	126	13	51	1,6	130	-40 / +150	14
Ø8	601017709	601017998		132			4,2			14
Ø10	601017710	601017735		140			5,3			14
Ø12	601017711	601017736		140			6,6			14
Ø15	601017763	601017777	16	146	18,5	64	13			10
Ø16	601017764	601017778								10
Ø18	601017765	601017779								10
Ø22	601017766	601017780								20
Ø28	601017767	601017781	25	205	26	80	41			10
Ø35	601017768	601017782	32	208	32	100	86			4
Ø42	601017769	601017783	38	242	38,5	117	110			4
Ø54	601017770	601017784	50	273	48,5	134	208			2

PN 130, K-65 Pipe											
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçerisi Adet	
1/4"	601017724	601017999	10	126	13	51	1,6	130	-40 / +150	14	
5/16"	601017709	601017998		132			4,2			14	
3/8"	601017725	601017749		140			5,3			14	
1/2"	601017726	601017750					6,6			14	
5/8"	601017764	601017778	16	146	18,5	64	13			10	
3/4"	601017792	601017802								10	
7/8"	601017793	601017803		20	185	22	74			26	10
1 1/8"	601017794	601017804		25	205	26	80			41	10
1 3/8"	601017768	601017782	32	208	32	100	86			4	
1 5/8"	601017795	601017805	38	242	38,5	117	110			4	
2 1/8"	601017770	601017784	50	273	48,5	134	208			2	

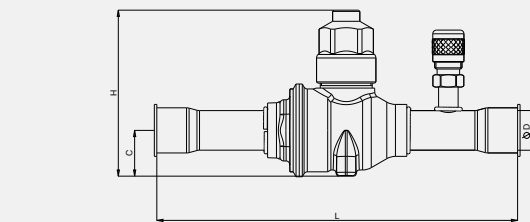
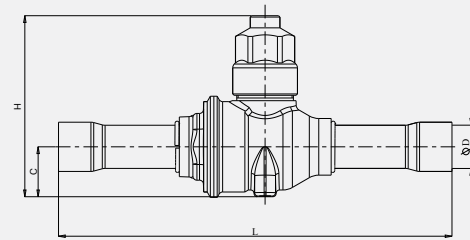
Refrigerant Ball Valves, Block Ring Series

Durduruculu Tip Soğutucu Küresel Valfler

Refrigerant Ball Valves, Block Ring Series

Durduruculu Tip Soğutucu Küresel Valfler

PN 60										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
Ø6	601017925	601027024	10	126	13	51	1,6	60	-40 / +150	14
Ø8	601017926	601027025		132			4,2			14
Ø10	601017927	601017980		140			5,3			14
Ø12	601017928	601017981		140			6,6			14
Ø15	601017929	601017982	16	146	18,5	64	13			10
Ø16	601017930	601017983		146			13			10
Ø18	601017931	601017984		146			13			10
Ø22	601017932	601017985		20	185	22	74			10
Ø28	601017933	601017986	25	205	26	80	41			10
Ø35	601017934	601017987	32	208	32	100	86			4
Ø42	601017935	601017988	38	242	38,5	117	110			4
Ø54	601017936	601017989	50	273	48,5	134	208	45	-40 / +150	2
Ø64 (Ø54)	601017937	601027026		280			208			2
Ø64 (Ø76)	601027066	601027070		378			340			1
Ø76	601017938	601027027		64	378	60	177			1
Ø89	601017939	601027028	83	423	76	210	480			1
Ø108	601017940	601027029					470			1



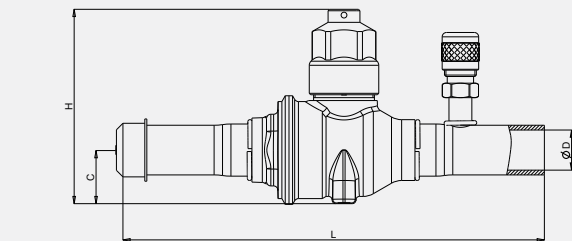
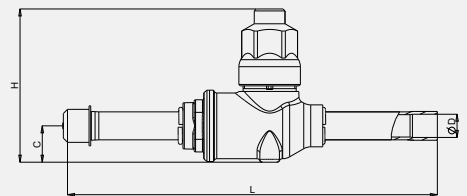
PN 60										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	601017941	601027030	10	126	13	51	1,6	60	-40 / +150	14
5/16"	601017926	601027025		132			4,2			14
3/8"	601017942	601017990		140			5,3			14
1/2"	601017943	601017991		140			6,6			14
5/8"	601017930	601017983	16	146	18,5	64	13			10
3/4"	601017944	601017992		20	185	22	74			10
7/8"	601017945	601017993		25	205	26	80			10
1 1/8"	601017946	601017994		32	208	32	100			4
1 3/8"	601017934	601017987	38	242	38,5	117	110			4
1 5/8"	601017947	601017995	50	273	48,5	134	208			2
2 1/8"	601017936	601017989		280			208			2
2 5/8" (Ø54)	601017948	601027031		378			340	45	-40 / +150	1
2 5/8" (Ø76)	601027067	601027071		64	378	60	177			1
3 1/8"	601017949	601027032	83	423	76	210	480			1
3 5/8"	601017950	601027033					470			1
4 1/8"	601017951	601027034								

PN 130, K-65 Pipe										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
Ø6	PN60 CO ₂ ürün kodları geçerlidir. Same codes with PN60 CO ₂		10	126	13	51	1,6	130	-40 / +150	14
Ø8				132			4,2			14
Ø10				140			5,3			14
Ø12				140			6,6			14
Ø15	601017963	601027001	16	146	18,5	64	13			10
Ø16	601017952	601027002		146			13			10
Ø18	601017953	601027003		146			13			10
Ø22	601017954	601027004		20	185	22	74			10
Ø28	601017955	601027005	25	205	26	80	41			10
Ø35	601017956	601027006	32	208	32	100	86			4
Ø42	601017957	601027007	38	242	38,5	117	110			4
Ø54	601017958	601027008	50	273	48,5	134	208			2

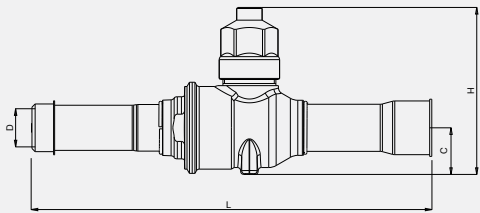
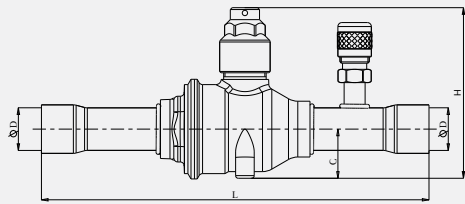
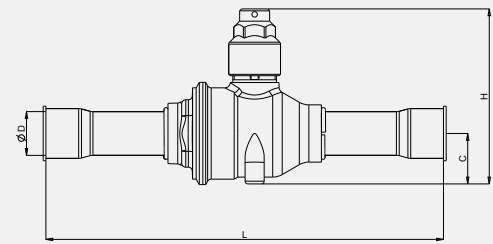
PN 130, K-65 Pipe										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	PN60 CO ₂ ürün kodları geçerlidir. Same codes with PN60 CO ₂		10	126	13	51	1,6	130	-40 / +150	14
5/16"				132			4,2			14
3/8"				140			5,3			14
1/2"				140			6,6			14
5/8"	601017952	601027002	16	146	18,5	64	13			10
3/4"	601017959	601027009		146			13			10
7/8"	601017960	601027010		20	185	22	74			10
1 1/8"	601017961	601027011		25	205	26	80			10
1 3/8"	601017956	601027006	32	208	32	100	86			4
1 5/8"	601017962	601027012	38	242	38,5	117	110			4
2 1/8"	601017958	601027008	50	273	48,5	134	208			2

PN 140 - INOX Pipe										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
Ø6	601017810	---	10	126	13	54,8	1,6	140	-40 / +150	14
Ø8	601017811	---	10	132	13	54,8	4,2			14
Ø10	601017812	601017826	10	132	13	54,8	5,3			14
Ø12	601017813	601017827	10	140	13	54,8	6,6			14
Ø15	601017814	601017828	16	146	18,5	67,1	13			10
Ø16	601017815	601017829	16	146	18,5	67,1	13			10
Ø18	601017816	601017830	16	146	18,5	67,1	17			10
Ø22	601017817	601017831	20	185,5	22	78,8	26			10
Ø28	601017818	601017832	25	205,4	26	87,8	41			10
Ø35	601017819	601017833	32	208	32	99,4	86			4
Ø42	601017820	601017834	38	241,8	38,5	120,3	110			4
Ø54	601017821	601017835	50	273	45	131	208			2

PN 140 - INOX Pipe										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
---	---	---	10	126	13	54,8	1,6	140	-40 / +150	-
---	---	---	10	132	13	54,8	4,2			-
1/8" (10,3 mm)	601017841	601017851	10	132	13	54,8	5,3			14
1/4" (13,7 mm)	601017842	601017852	10	140	13	54,8	6,6			14
---	---	---	16	146	18,5	67,1	13			-
---	---	---	16	146	18,5	67,1	13			-
3/8" (17,2 mm)	601017843	601017853	16	146	18,5	67,1	17			10
1/2" (21,3 mm)	601017844	601017854	20	185,5	22	78,8	26			10
3/4" (26,7 mm)	601017845	601017855	25	205,4	26	87,8	41			10
1" (33,4 mm)	601017840	---	32	208	32	99,4	86			4
1 1/4" (42,2 mm)	601017846	601017856	38	241,8	38,5	120,3	110			4
1 1/2" (48,3 mm)	601027061	601027062	50	273	45	131	208			2



PN 60																
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet						
Ø6	601027192	601027221	10	126	13	49	1,6	60	-40 / +150	14						
Ø8	601027193	601027222		132			4,2			14						
Ø10	601027194	601027223		140			5,3			14						
Ø12	601027195	601027224					6,6			14						
Ø15	601027196	601027225	16	146	18,5	61	60			-40 / +150	10					
Ø16	601027197	601027226									10					
Ø18	601027198	601027227									10					
Ø22	601027199	601027228									10					
Ø28	601027200	601027229	20	185	22	72					26	10				
Ø35	601027201	601027333	25	205	26	78					41	4				
Ø42	601027202	601027334	32	208	32	92					86	4				
Ø42	601027202	601027334	38	242	38,5	112					110	4				
Ø54	601027203	601027335	50	273	48,5	130					208	60	-40 / +150	2		
Ø64 (Ø54)	601027204	601027336		280										2		
Ø64 (Ø76)	601027205	601027337		1												
Ø76	601027206	601027338	64	378	60	177					340			60	-40 / +150	1
Ø89	601027207	601027339						1								
Ø108	601027208	601027340	83	423	76	210		480	60							-40 / +150
								470			45					

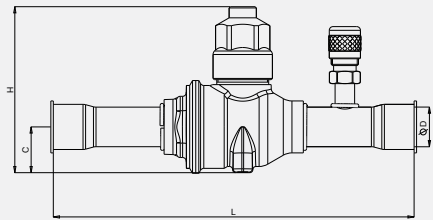
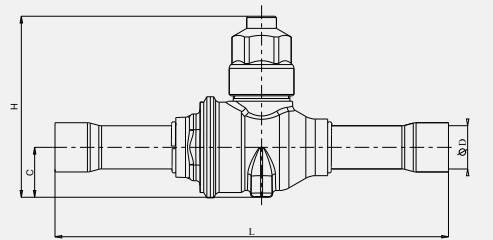


PN 60																	
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet							
1/4"	601027209	601027341	10	126	13	51	1,6	60	-40 / +150	14							
5/16"	601027193	601027222		132			4,2			14							
3/8"	601027210	601027342		140			5,3			14							
1/2"	601027211	601027343					6,6			14							
5/8"	601027197	601027226	16	146	18,5	64	13			10							
3/4"	601027212	601027344								10							
7/8"	601027213	601027345								20	185	22	74	26	10		
1 1/8"	601027214	601027346								25	205	26	80	41	10		
1 3/8"	601027201	601027333	32	208	32	100	86			10							
1 5/8"	601027215	601027347	38	242	38,5	117	110			4							
2 1/8"	601027204	601027336	50	273	48,5	134	208			4							
2 5/8" (Ø54)	601027216	601027348		280						2							
2 5/8" (Ø76)	601027217	601027349		64						378	60	177	340			2	
3 1/8"	601027218	601027350														1	
3 5/8"	601027219	601027351	83		423	76	210						480	45	1		
4 1/8"	601027220	601027352		470				1									

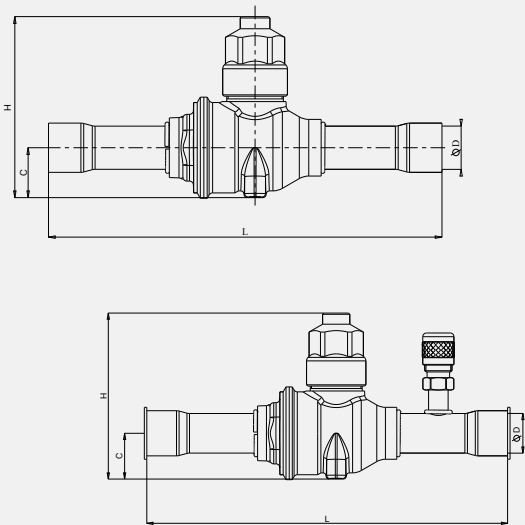
PN 130, K-65 x INOX Pipe							
Product Code Ürün Kodu	INOX ØD1	K65 ØD2	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
601027173	1/2" Ø21.3 ^{+0.4 -0.78} mm	7/8" Ø22.35 ^{+0.12} mm	185	78.8	130	-40 / +150	10
601027174	3/4" Ø26.67 ^{+0.4 -0.78} mm	1-1/8" Ø28.75 ^{+0.12} mm	205.4	87.8			10
601027175	1" Ø33.4 ^{+0.4 -0.78} mm	1-3/8" Ø35.09 ^{+0.14} mm	208	99.4			10
601027176	Ø35 ^{+0.4 -0.1} mm	Ø35 ^{+0.14} mm	208	99.4			20
601027177	1-1/4" Ø42.16 ^{+0.4 -0.78} mm	1-5/8" Ø41.45 ^{+0.14} mm	241.8	121.5			14
601027178	1-1/2" Ø48.26 ^{+0.4 -0.78} mm	2-1/8" Ø54.2 ^{+0.15} mm	273	140.8			14

PN 60												
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet		
Ø6	601027353	601027382	10	126	13	49	1,6	60	-40 / +150	14		
Ø8	601027354	601027383		132			4,2			14		
Ø10	601027355	601027384		140			5,3			14		
Ø12	601027356	601027385					6,6			14		
Ø15	601027357	601027386	16	146	18,5	61	13			10		
Ø16	601027358	601027387								10		
Ø18	601027359	601027388								10		
Ø22	601027360	601027389								10		
Ø28	601027361	601027390	20	185	22	72	26			10		
Ø35	601027362	601027391	25	205	26	78	41			10		
Ø42	601027363	601027392	32	208	32	92	86			4		
Ø54	601027364	601027393	50	273	48,5	130	208			4		
	Ø64 (Ø54)	601027365								601027394	2	
Ø64 (Ø76)	601027366	601027395	64	378	60	177	340			1		
Ø76	601027367	601027396								1		
Ø89	601027368	601027397								83	423	76
Ø108	601027369	601027398	470	45	1							

PN 60										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m³/h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	601027370	601027399	10	126	13	51	1,6	60	-40 / +150	14
3/8"	601027371	601027400		132			5,3			14
1/2"	601027372	601027401		140			6,6			14
3/4"	601027373	601027402		146			13			10
7/8"	601027374	601027403	16	146	18,5	64	13			10
1 1/8"	601027375	601027404	20	185	22	74	26			10
1 5/8"	601027376	601027405	25	205	26	80	41			10
2 5/8" (Ø54)	601027377	601027406	38	242	38,5	117	110			4
2 5/8" (Ø76)	601027378	601027407	50	280	48,5	134	208			4
3 1/8"	601027379	601027408	64	378	60	177	340			2
3 5/8"	601027380	601027409					2			
4 1/8"	601027381	601027410	83	423	76	210	480			1
							45	1		

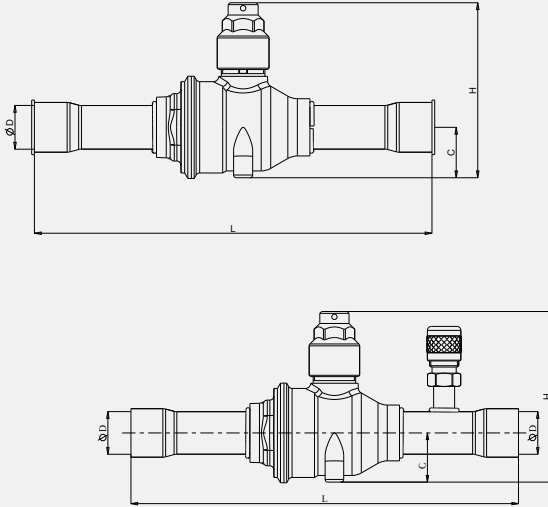


60 Bar										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
Ø6	601017898	601022013	10	126	13	49	1,6	60	-40 / +150	14
Ø8	601017899	601022014		132			4,2			14
Ø10	601017900	601017964		140			5,3			14
Ø12	601017901	601017965		140			6,6			14
Ø15	601017902	601017966	16	146	18,5	61	13			10
Ø16	601017903	601017967		146			13			10
Ø18	601017904	601017968		146			13			10
Ø22	601017905	601017969	20	185	22	72	26			10
Ø28	601017906	601017970	25	205	26	78	41			10
Ø35	601017907	601017971	32	208	32	92	86			4
Ø42	601017908	601017972	38	242	38,5	112	110			4
Ø54	601017909	601017973	50	273	48,5	130	208	45		2
Ø64 (Ø54)	601017910	601022015		280			208			2
Ø64 (Ø76)	601022064	601022068	64	378	60	177	340			1
Ø76	601017911	601022016		378			340			1
Ø89	601017912	601022017	83	423	76	210	480			1
Ø108	601017913	601022018		423			470			1



60 Bar										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	601017914	601022019	10	126	13	49	1,6	60	-40 / +150	14
5/16"	601017899	601022014		132			4,2			14
3/8"	601017915	601017974		140			5,3			14
1/2"	601017916	601017975		140			6,6			14
5/8"	601017903	601017967	16	146	18,5	61	13			10
3/4"	601017917	601017976		146			13			10
7/8"	601017918	601017977	20	185	22	72	26			10
1-1/8"	601017919	601017978	25	205	26	78	41			10
1-3/8"	601017907	601017971	32	208	32	92	86			4
1-5/8"	601017920	601017979	38	242	38,5	112	110			4
2-1/8"	601017909	601017973	50	273	48,5	130	208	45		2
2-5/8" (Ø54)	601017921	601022020		280			208			2
2-5/8" (Ø76)	601022065	601022069	64	378	60	177	340			1
3-1/8"	601017922	601022021		378			340			1
3-5/8"	601017923	601022022	83	423	76	210	480			1
4-1/8"	601017924	601022023		423			470			1

60 Bar										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
Ø6	601017656	601017222	10	126	13	51	1,6	60	-40 / +150	14
Ø8	601017657	601017223		132			4,2			14
Ø10	601017658	601017684		140			5,3			14
Ø12	601017659	601017685		140			6,6			14
Ø15	601017660	601017686	16	146	18,5	64	13			10
Ø16	601017661	601017687		146			13			10
Ø18	601017662	601017688		146			13			10
Ø22	601017663	601017689	20	185	22	74	26			10
Ø28	601017664	601017690	25	205	26	80	41			10
Ø35	601017665	601017691	32	208	32	100	86			4
Ø42	601017666	601017692	38	242	38,5	117	110			4
Ø54	601017667	601017693	50	273	48,5	134	208	45		2
Ø64 (Ø54)	601017668	601017694		280			208			2
Ø64 (Ø76)	601017263	601017292	64	378	60	177	340			1
Ø76	601017264	601017293		378			340			1
Ø89	601017265	601017294	83	423	76	210	480			1
Ø108	601017266	601017295		423			470			1



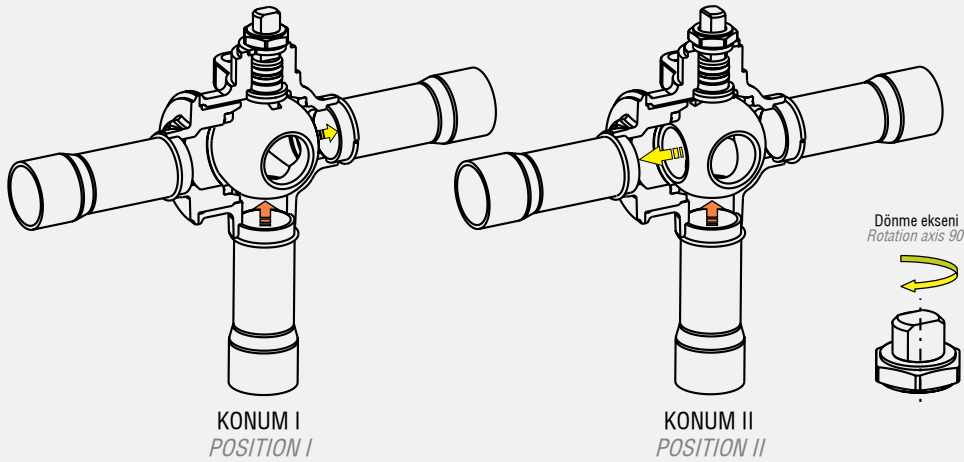
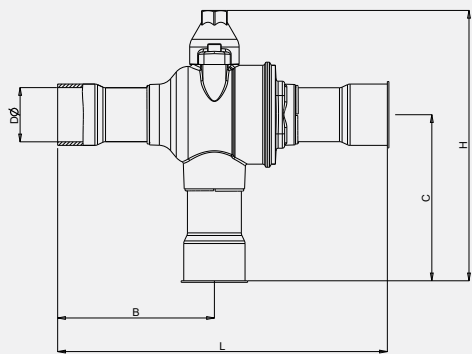
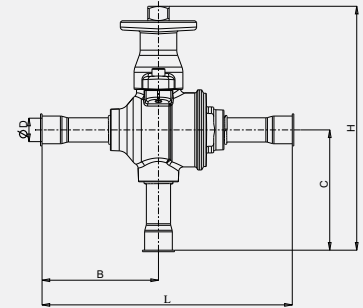
60 Bar										
Dimension (ØD) Çap	Without Charging Unit Şarjsız	With Charging Unit Şarjlı	Ball I.D. (Ød mm) Küre Çapı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	601017672	601017224	10	126	13	51	1,6	60	-40 / +150	14
5/16"	601017657	601017223		132			4,2			14
3/8"	601017673	601017698		140			5,3			14
1/2"	601017674	601017699		140			6,6			14
5/8"	601017661	601017687	16	146	18,5	64	13			10
3/4"	601017675	601017700		146			13			10
7/8"	601017676	601017701	20	185	22	74	26			10
1 1/8"	601017677	601017702	25	205	26	80	41			10
1 3/8"	601017665	601017691	32	208	32	100	86			4
1 5/8"	601017678	601017703	38	242	38,5	117	110			4
2 1/8"	601017667	601017693	50	273	48,5	134	208	45		2
2 5/8" (Ø54)	601017679	601017704		280			208			2
2 5/8" (Ø76)	601017275	601017304	64	378	60	177	340			1
3 1/8"	601017276	601017305		378			340			1
3 5/8"	601017277	601017306	83	423	76	210	480			1
4 1/8"	601017278	601017307		423			470			1

Nominal Dimension (ØD) Çap	Product Code With Flange Adapter Flanşlı	Product Code With Cap Kapaklı	B (mm)	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
5/8"	601027306	601027313	76,5	164	79	160	5,8	60	-
3/4"	601027307	601027314	76,5	164	79	160	5,8		8
7/8"	601027308	601027315	76,5	164	79	160	10,2		5
1 1/8"	601027309	601027316	91	193,5	93,5	174,5	14,1		4
1 3/8"	601027310	601027317	106	222	111,5	196,5	22,7		1
1 5/8"	601027311	601027318	100	210	105,5	192,5	42,4		1
2 1/8"	601027312	601027319	117	246	131,5	243	61,2		2

Nominal Dimension (ØD) Çap	Product Code With Flange Adapter Flanşlı	Product Code With Cap Kapaklı	B (mm)	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
Ø15	601027282	601027287	76,5	164	79	160	5,8	60	-
Ø18	601027283	601027288	76,5	164	79	160	10,2		5
Ø22	601027284	601027289	91	193,5	93,5	174,5	14,1		4
Ø28	601027285	601027290	106	222	111,5	196,5	22,7		1
Ø42	601027286	601027291	117	246	131,5	243	61,2		2

Nominal Dimension (ØD) Çap	Product Code With Flange Adapter Flanşlı	Product Code With Cap Kapaklı	B (mm)	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
Ø16 - 5/8"	601017882	601017414	76,5	164	79	160	5,8	130	8
3/4"	601017883	601017415	76,5	164	79	160	5,8		5
7/8"	601017884	601017416	76,5	164	79	160	10,2		4
1 1/8"	601017885	601017417	91	193,5	93,5	174,5	14,1		1
Ø35 - 1 3/8"	601017886	601017418	106	222	111,5	196,5	22,7		1
1 5/8"	601017887	601017419	100	210	105,5	192,5	42,4		2
Ø54 - 2 1/8"	601027107	601027108	117	246	131,5	243	61,2		2

Ø15	601027057	601027059	76,5	164	79	160	5,8	130	5
Ø18	601027041	601027049	76,5	164	79	160	10,2		4
Ø22	601027042	601027050	91	193,5	93,5	174,5	14,1		1
Ø28	601027043	601027051	106	222	111,5	196,5	22,7		1
Ø42	601027044	601027052	117	246	131,5	243	61,2		2



Nominal Dimension (ØD) Çap	Product Code With Flange Adapter Flanşlı	Product Code With Cap Kapaklı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
Ø16 - 5/8"	601027292	601027299	146	16	92,5	13	60	8
3/4"	601027293	601027300	146	16	92,5	17		5
7/8"	601027294	601027301	186	19,5	95	26		4
1 1/8"	601027295	601027302	208	35	108,5	41		1
Ø35 - 1 3/8"	601027296	601027303	208	29,5	114,5	86		1
1 5/8"	601027297	601027304	242	35	137	110		2
Ø54 - 2 1/8"	601027298	601027305						2

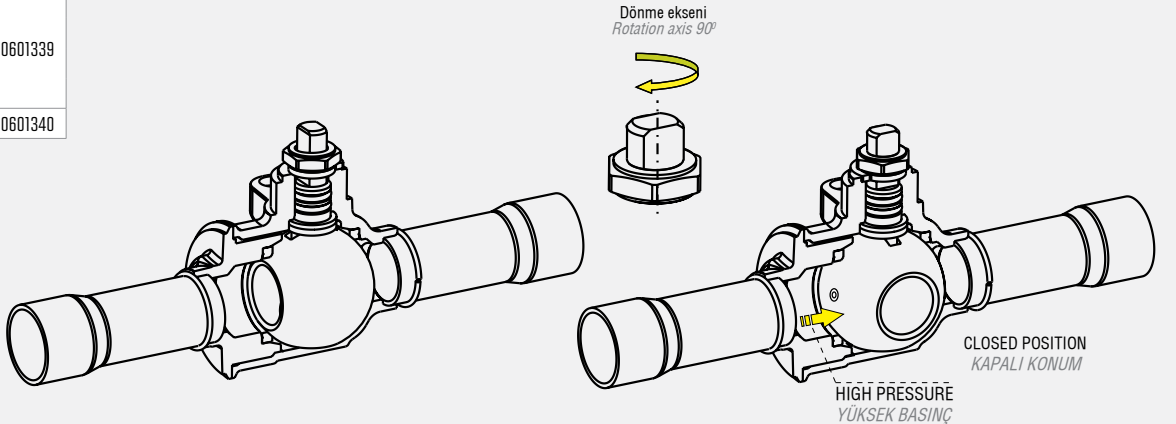
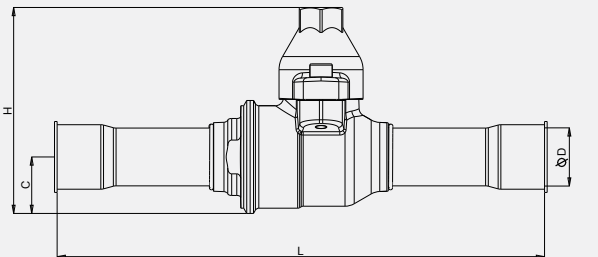
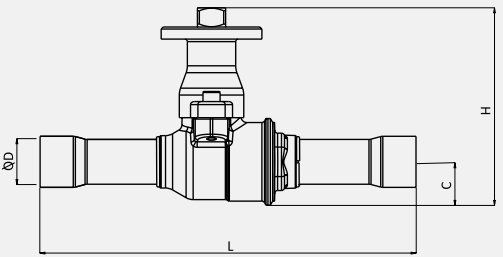
Ø15	601027272	601027277	146	16	92,5	17	60	5
Ø18	601027273	601027278	186	19,5	95	26		4
Ø22	601027274	601027279	208	35	108,5	41		1
Ø28	601027275	601027280	208	29,5	114,5	86		1
Ø42	601027276	601027281	242	35	137	110		2

Nominal Dimension (ØD) Çap	Product Code With Flange Adapter Flanşlı	Product Code With Cap Kapaklı	L (mm)	C (mm)	H (mm)	Kv (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
Ø16 - 5/8"	601017892	601017424	146	16	92,5	13	130	8
3/4"	601017893	601017425	146	16	92,5	17		5
7/8"	601017894	601017426	186	19,5	95	26		4
1 1/8"	601017895	601017427	208	35	108,5	41		1
Ø35 - 1 3/8"	601017896	601017428	208	29,5	114,5	86		1
1 5/8"	601017897	601017429	242	35	137	110		2
Ø54 - 2 1/8"	601027105	601027106						2

Ø15	601027058	601027060	146	16	92,5	17	130	5
Ø18	601027045	601027053	186	19,5	95	26		4
Ø22	601027046	601027054	208	35	108,5	41		1
Ø28	601027047	601027055	208	29,5	114,5	86		1
Ø42	601027048	601027056	242	35	137	110		2

Nominal Dimension (ØD) Çap	Flange Adapter Code Flanş Kodu	Cap Code Kapak Kodu
Ø16 - 5/8"	602399172	610601339
3/4"		
7/8"		
1 1/8"		
Ø35 - 1 3/8"		
1 5/8"	602399173	610601340
Ø54 - 2 1/8"		

Ø15	602399172	610601339
Ø18		
Ø22		
Ø28		
Ø42	602399173	610601340



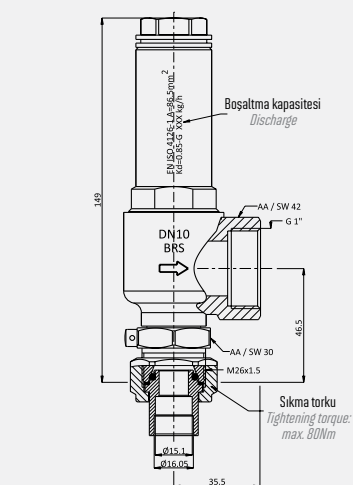
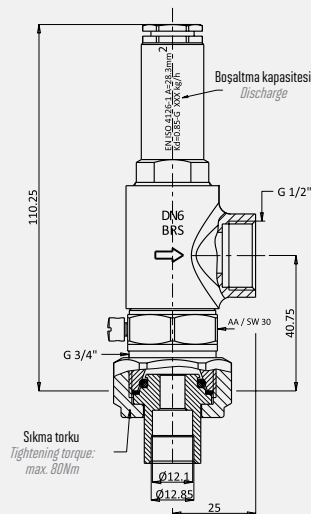
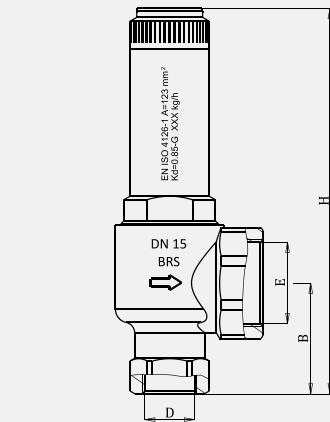
Kategori / Category	IV
Boşaltma Katsayısı / Discharge Coefficient	Kd = 0,85

Product Code Ürün Kodu	Inlet (ØD) Giriş	Outlet (ØE) Çıkış	Set Pressure (bar) Ayar Basıncı	Discharge (kg/h) Boşaltma Kapasitesi	B (mm)	H (mm)	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
601011003-016	6 1/2"	61	14	1308	42	145	-40 / +150	10
601011003-019			16	1483				10
601011003-025			19	1746				10
601011004-028			25	2273				10
601011004-030			28	2536				10
601011005-045			30	2711				10

601011009-014	6 1/2"	61	14**	1308	42	145	-40 / +150	10
601011009-016			16**	1483				10
601011009-019			19**	1746				10
601011010-025			25**	2273				10
601011011-028			28**	2536				10
601011011-030			30**	2711				10

Product Code Ürün Kodu	Inlet (ØD) Giriş	Outlet (ØE) Çıkış	Set Pressure (bar) Ayar Basıncı	Discharge (kg/h) Boşaltma Kapasitesi	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
601011044 01 025	6	6 1/2"	25	524	-40 / +150	10
601011044 01 030			30	625		10
601011045 01 040			40	828		10
601011045 01 045			45	929		10
601011057 01 120			120	2446		10

Product Code Ürün Kodu	Inlet (ØD) Giriş	Outlet (ØE) Çıkış	Set Pressure (bar) Ayar Basıncı	Discharge (kg/h) Boşaltma Kapasitesi	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
601011030 01 030	10	6 1"	30	1914	-40 / +150	10
601011030 01 040			40	2532		10
601011030 01 045			45	2842		10
601011030 01 052			52	3275		10
601011059 01 060			60	3770		10
601011059 01 080			80	5009		10
601011058 01 120			120	7485		10



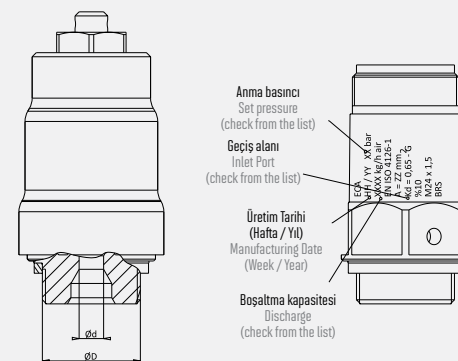
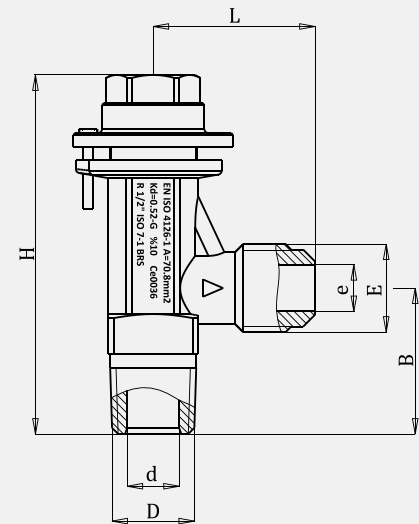
Product Code Ürün Kodu	Set Pressure (bar) Ayar Basıncı	Discharge (kg/h) Boşaltma Kapasitesi	Inlet (ØD) Giriş	Outlet (ØE) Çıkış	Ød (mm)	Øe (mm)	B (mm)	H (mm)	L (mm)	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
601011021	14	314	R 1/4" ISO 7-1	5/8"-18 UNF (3/8" SAE)	7,5	8	33,5	87	36	-40 / +150	28
601011022	16	356									28
601011023	19	419									28
601011024	25	545									28
601011025	28	608									28
601011026	30	651									28

601011015	14	462	R 1/2" ISO 7-1	7/8"-14 UNF (5/8" SAE)	9,5	11,7	36,5	89	40,5	-40 / +150	28
601011016	16	524									28
601011017	19	616									28
601011018	25	802									28
601011019	28	895									28
601011020	30	957									28
601011061	42	1329									28

601011065-014	14	462	1/2"- 14NPT	7/8"-14 UNF (5/8" SAE)	9,5	11,7	36,5	89	40,5	-40 / +150	28
601011065-016	16	524									28
601011065-019	19	616									28
601011066-025	25	802									28
601011066-028	28	895									28
601011066-030	30	957									28

Product Code Ürün Kodu	Inlet Connection (ØD) Giriş	Inlet Port (Ød) Giriş Portu	Set Pressure (bar) Ayar Basıncı	Discharge (kg/h) Boşaltma Kapasitesi	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
601011034	M24x1,5	6	25	399	-40 / +150	42
601011055			30	477		42
601011035			40	631		42
601011036			45	708		42
601011056			53	831		42
601011063			60	939		42
601011040		7	80	1703		42
601011037			120	2545		42
601011041			135	2861		42

Kategori / Category	IV
Boşaltma Katsayısı / Discharge Coefficient	Kd = 0,52 (R 1/2") Kd = 0,65 (R 1/4") Kd = 0,65 (M24x1 ,5)
Aşın Basıncı / Overpressure	%10 x (Ayar Basıncı / Set pressure)



Product Code Ürün Kodu	Inlet (ØD1) Giriş	Outlet (ØD2) Çıkış	L1	L2	L3	Operation Pressure (bar) Çalışma Basıncı
601006216*	15	M26x1.5	80	57	140	130
601006240**	15	G 3/4"	80	57	140	

Product Code Ürün Kodu	Inlet (ØD1) Giriş	Outlet (ØD2) Çıkış	L1	L2	L3	Operation Pressure (bar) Çalışma Basıncı
601006243	22	M24x1.5	80	57	136	130

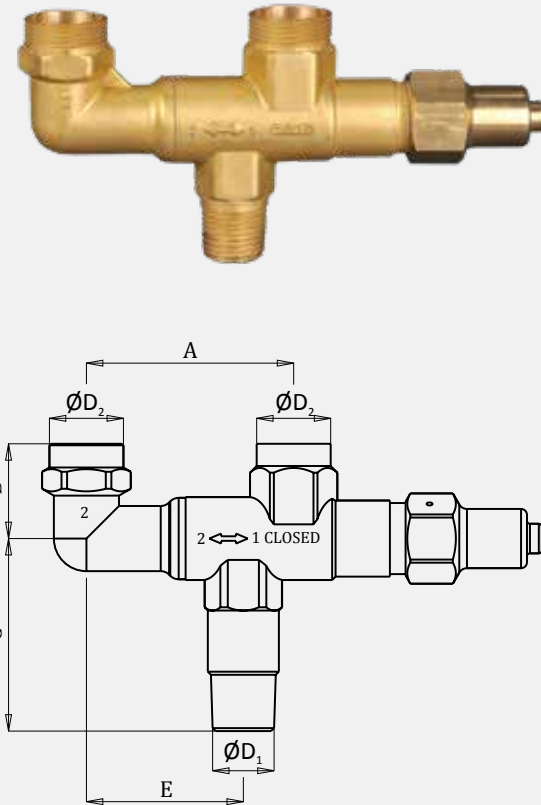
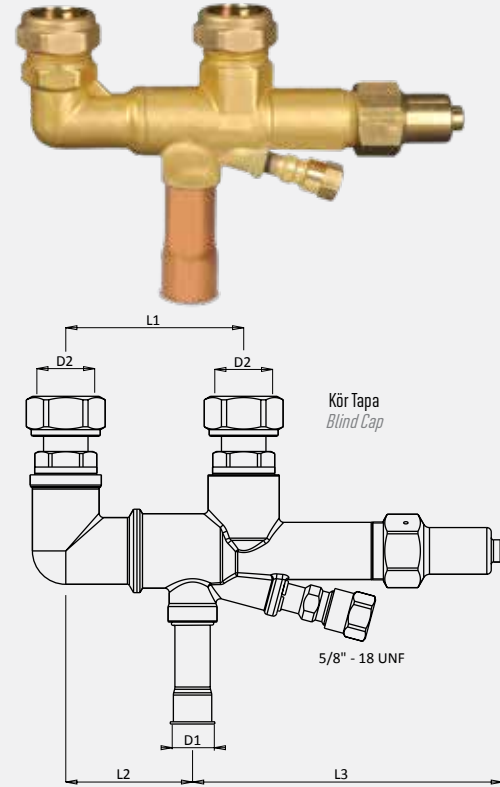
Union Nipple Code Nipel Kodu	Inlet (ØD3) Giriş	Outlet (ØD4) Çıkış	Operation Pressure (bar) Çalışma Basıncı
602399799	M24x1.5	M26x1.5	130
602399800		G 3/4"	

*Bu kod DN10 emniyet valfleri ile uyumludur.

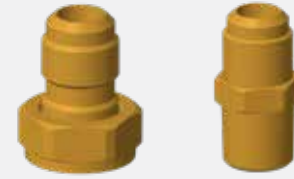
**Bu kod DN6 emniyet valfleri ile uyumludur.

*These product is available with DN10 Safety Valve Series.

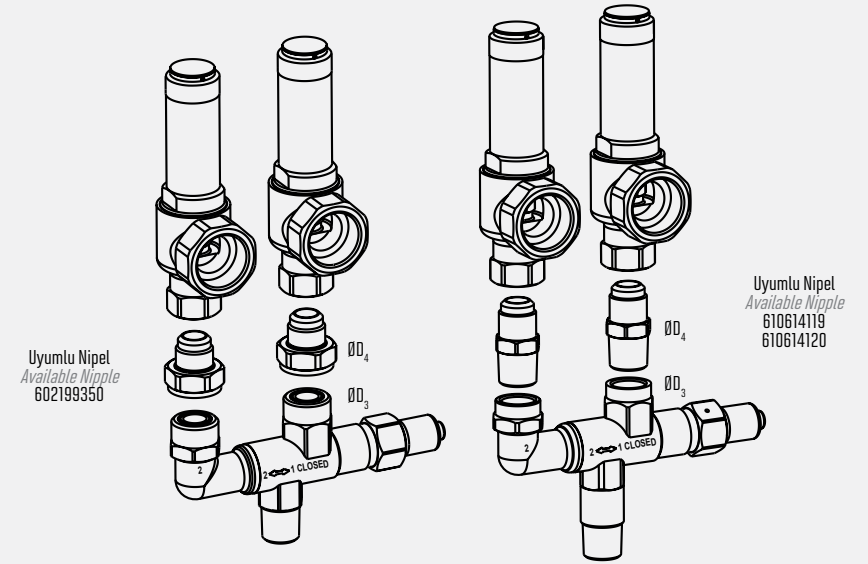
**These product is available with DN6 Safety Valve Series.



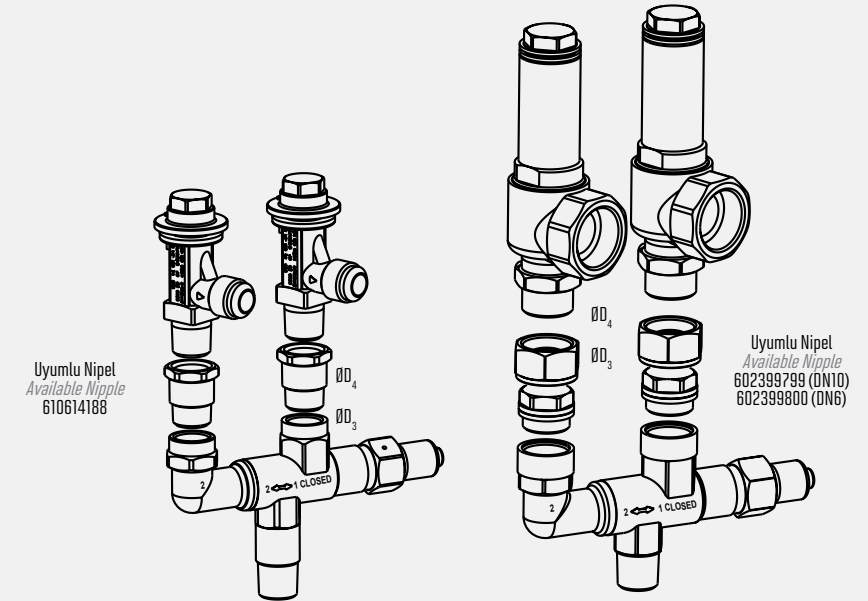
Product Code Ürün Kodu	Inlet (ØD) Giriş	Outlet (ØE) Çıkış	A (mm)	B (mm)	C (mm)	E (mm)	K _v (m ³ /h)	Operation Pressure (bar) Çalışma Basıncı
601006025 (ExE / MxM)	R 1/2" ISO 7-1 (E / M)	G 3/4" (E / M)	70	36.5	45	53	7	130
601006026 (ExD / MxF)	1/2" - 14 NPT (E / M)	1/2" - 14 NPT (D / F)		32	65			
601006027 (ExD / MxF)	3/8" - 18 NPT (E / M)	3/8" - 18 NPT (D / F)						
601006242 (ExD / MxF)	1/2" - 14 NPT (E / M)	M24x1.5 (D / F)		36.5	44			



Union Nipple Nipel Kodu	Inlet (ØD) Giriş	Outlet (ØD) Çıkış	Operation Pressure (bar) Çalışma Basıncı
602199350	G 3/4" (D / F)	G 1/2" (E / M)	130
610614119 (ExE / MxM)	1/2" - 14 NPT (E / M)	G 1/2" (E / M)	
610614120 (ExE / MxM)	3/8" - 18 NPT (E / M)	G 1/2" (E / M)	



Union Nipple Nipel Kodu	Inlet (ØD) Giriş	Outlet (ØD) Çıkış	Operation Pressure (bar) Çalışma Basıncı
610614188 (ExD / MxF)	1/2" - 14 NPT (E / M)	R1/2" ISO 7-1 (D / F)	130
602399799 (ExD / MxF)	M24x1.5 (E / M)	M26x1.5 (D / F)	
602399800 (ExD / MxF)	M24x1.5 (E / M)	G 3/4" (D / F)	



Rotalock Valves 130 Bar

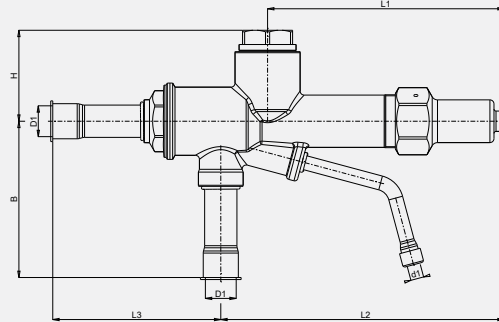
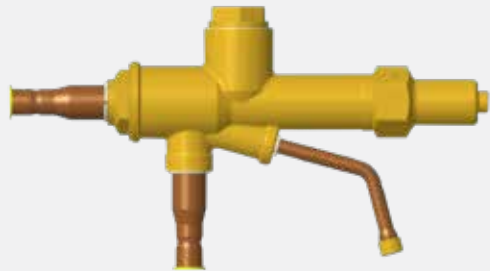
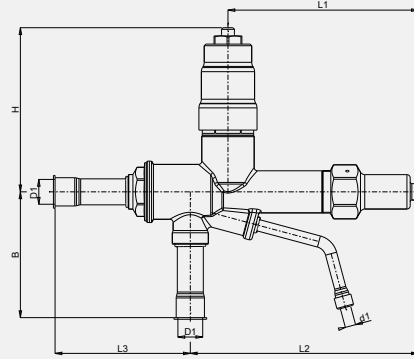
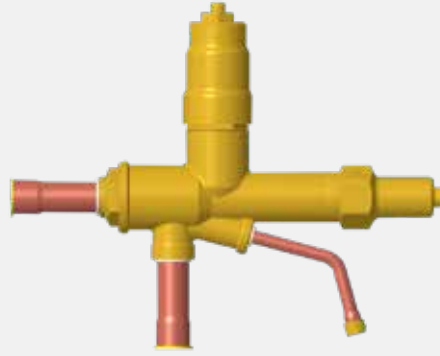
Rotalock Vana 130 Bar

Size Ölçü	Product Code Ürün Kodu	Operation Pressure (bar) Çalışma Basıncı	L1	L2	L3	H	B	d1	QTY Kutu İçi Adet
15	601006120	130	116,3	139,3	82,6	100,2	76,8	6,46	-
16 - 5/8"	601006113		116,3	139,3	82,6	100,2	76,8	-	8
18	601006121		116,3	139,3	82,5	100,2	76,7	-	-
22	601006122		112,7	135,7	103	100,2	91,5	-	-
28	601006123		112,7	135,7	109	100,2	97,5	-	-
1/2"	601006112		116,3	139,3	82,6	100,2	76,8	6,46	8
3/4"	601006114		116,3	139,3	82,5	100,2	76,7	-	8
7/8"	601006059		112,7	135,7	103	100,2	91,5	-	5
1 1/8"	601006115		112,7	135,7	109	100,2	97,5	-	4

1/4" service copper tube

Emniyet valfi seçenekleri / Safety valve options:

25, 30, 40, 45, 53, 60, 80, 120, 135 bar



Size Ölçü	Product Code Ürün Kodu	Operation Pressure (bar) Çalışma Basıncı	L1	L2	L3	H	B	d1	QTY Kutu İçi Adet
10	601006217	130	116,3	139,3	82,6	44,7	76,8	6,46	5
12	601006218		116,3	139,3	82,6	44,7	76,8	-	5
15	601006183		116,3	139,3	82,6	44,7	76,8	-	5
16 - 5/8"	601006184		116,3	139,3	82,6	44,7	76,8	-	5
18	601006185		116,3	139,3	82,5	44,7	76,7	-	5
22	601006186		112,7	135,7	103	44,7	91,5	-	4
28	601006187		112,7	135,7	109	44,7	97,5	-	4
35 - 1 3/8"	601006188		126	152	115	53,5	96,5	-	3
42	601006239		132	161	130	55,5	109,7	-	-
3/8"	601006219		116,3	139,3	82,6	44,7	76,8	6,46	5
1/2"	601006220		116,3	139,3	82,6	44,7	76,8	-	5
3/4"	601006202		116,3	139,3	82,5	44,7	76,7	-	5
7/8"	601006203		112,7	135,7	103	44,7	91,5	-	4
1 1/8"	601006204		112,7	135,7	109	44,7	97,5	-	4

1/4" service copper tube

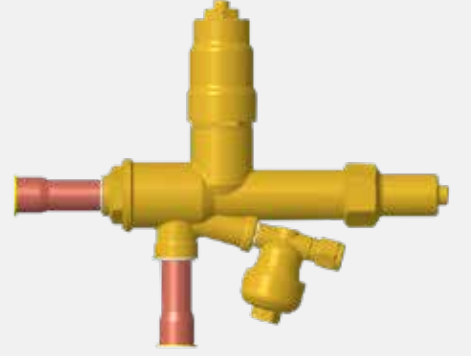
Rotalock Valves 130 Bar

Rotalock Vana 130 Bar

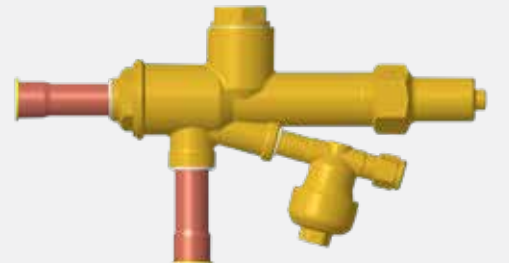
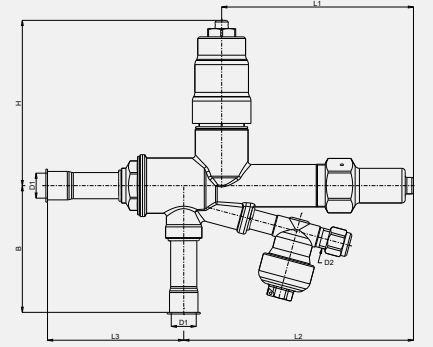
Size Ölçü	Product Code Ürün Kodu	Operation Pressure (bar) Çalışma Basıncı	L1	L2	L3	H	B	d2	QTY Kutu İçi Adet
15	601006156	130	116,3	139,3	82,6	100,2	76,8	M12x1	-
16 - 5/8"	601006135		116,3	139,3	82,6	100,2	76,8	-	8
18	601006157		116,3	139,3	82,5	100,2	76,7	-	-
22	601006158		112,7	135,7	103	100,2	91,5	-	-
28	601006159		112,7	135,7	109	100,2	97,5	-	-
1/2"	601006151		116,3	139,3	82,6	100,2	76,8	M12x1	8
3/4"	601006152		116,3	139,3	82,5	100,2	76,7	-	8
7/8"	601006139		112,7	135,7	103	100,2	91,5	-	5
1 1/8"	601006140		112,7	135,7	109	100,2	97,5	-	4

Emniyet valfi seçenekleri / Safety valve options:

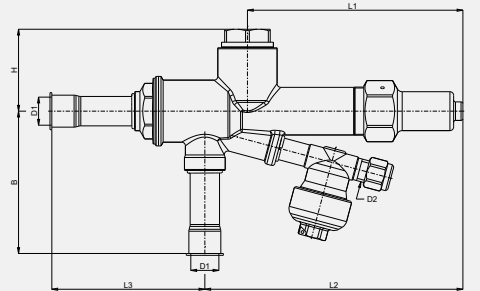
25, 30, 40, 45, 53, 60, 80, 120, 135 bar



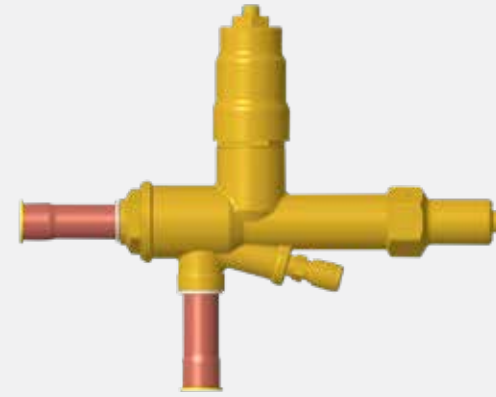
Service Valve M12x1



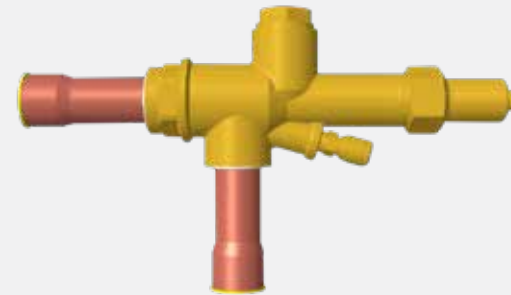
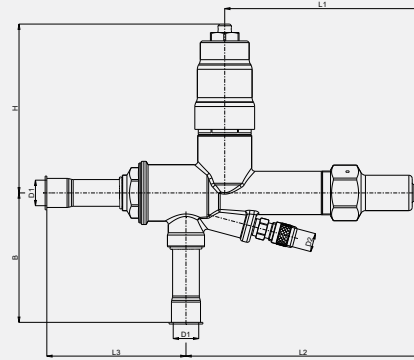
Service Valve M12x1



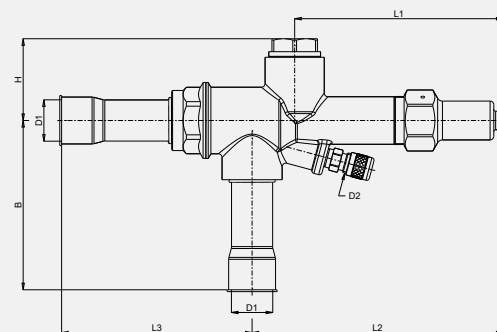
Size Ölçü	Product Code Ürün Kodu	Operation Pressure (bar) Çalışma Basıncı	L1	L2	L3	H	B	d1	QTY Kutu İçi Adet
12	601006190	130	116,3	139,3	82,6	100,2	76,8	7/16-20 UNF	5
15	601006191		116,3	139,3	82,6	100,2	76,8	-	5
16 - 5/8"	601006192		116,3	139,3	82,6	100,2	76,8	-	5
18	601006193		116,3	139,3	82,5	100,2	76,7	-	5
22	601006194		112,7	135,7	103	100,2	91,5	-	4
28	601006195		112,7	135,7	109	100,2	97,5	-	4
1/2"	601006198		116,3	139,3	82,6	100,2	76,8	7/16-20 UNF	-
3/4"	601006199		116,3	139,3	82,5	100,2	76,7	-	-
7/8"	601006044		112,7	135,7	103	100,2	91,5	-	3
1 1/8"	601006040		112,7	135,7	109	100,2	97,5	-	-



7/16"-20 UNF Charge Port with core



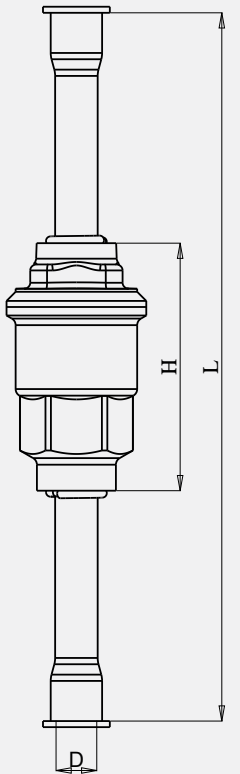
7/16"-20 UNF Charge Port with core



Size Ölçü	Product Code Ürün Kodu	Operation Pressure (bar) Çalışma Basıncı	L1	L2	L3	H	B	D2	QTY Kutu İçi Adet
7/8"	601006057	130	112,7	135,7	103	44,7	91,5	7/16-20 UNF	4
1-1/8"	601006073		112,7	135,7	109	44,7	97,5		4

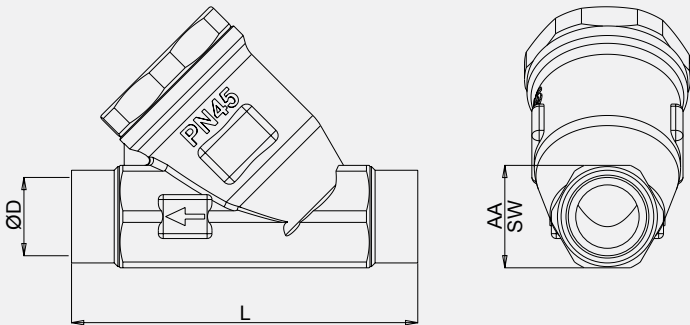
Size Ölçü	Product Code Ürün Kodu	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	601007058	117	40,7	45	-40 / +150	40
5/16"	601007059	123	40,7			40
3/8"	601007060	125	42,6			40
1/2"	601007061	133	42,7			40
5/8"	601007062	136	46,5			40
3/4"	601007063	145,7	56,3			40
7/8"	601007064	175,3	56,3			-

Size Ölçü	Product Code Ürün Kodu	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	Temperature Range (°C min/max) Çalışma Sıcaklığı	QTY Kutu İçi Adet
1/4"	601007045	117	40,7	130	-40 / +150	40
5/16"	601007046	123	40,7			40
3/8"	601007047	125	42,6			40
1/2"	601007048	133	42,7			40
5/8"	601007071	136	46,5			40
3/4"	601007072	145,7	56,3			40
7/8"	601007073	175,3	56,3			-



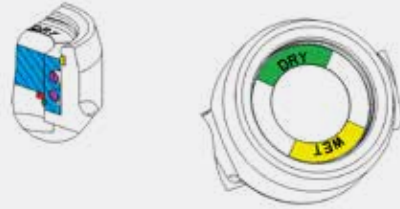
Metric Series			L (mm)	AA SW (mm)	Operation Pressure (bar) <i>Çalışma Basıncı</i>	Mesh Size	QTY <i>Kutu İçi Adet</i>
Nominal Diameter <i>Anma Çapı</i>	Product Code <i>Ürün Kodu</i>						
	CFC, HFC, HCFC	CO ₂					
Ø6	601010308	601010056	71	21	45	180 µm	50
Ø8	601010309	601010057					50
Ø10	601010310	601010058					50
Ø12	601010311	601010059					50
Ø15	601010312	601010060					50
Ø18	601010313	601010061	76	27	45	180 µm	50
Ø22	601010314	601010062					50

Inch Series			L (mm)	AA SW (mm)	Operation Pressure (bar) Çalışma Basıncı	Mesh Size Ağ Ölçüsü	QTY Kutu İçi Adet
Nominal Diameter Anma Çapı	Product Code Ürün Kodu						
	CFC, HFC, HCFC	CO ₂					
1/4"	601010079	601010086	71	21	45	180 µm	50
5/16"	601010080	601010087					50
3/8"	601010081	601010088					50
1/2"	601010082	601010089					50
5/8"	601010083	601010090					50
3/4"	601010084	601010091	76	27	45	180 µm	50
7/8"	601010085	601010092					50



Metric Series			L (mm)	B (mm)	Ød (mm)	AA SW (mm)	Operation Pressure (bar) Çalışma Basıncı	Mesh Size Ağ Ölçüsü	QTY Kutu İçi Adet
Nominal Diameter Anma Çapı	Product Code Ürün Kodu								
Ø6	601010078		83	42	6,5	33	130	180 µm	50
Ø8 - 5/16"	601010070								50
Ø10	601010076								50
Ø12	601010075								50
Ø15	601010074								50
Ø18	601010073								50
Ø22	601010072								50

Inch Series			L (mm)	B (mm)	Ød (mm)	AA SW (mm)	Operation Pressure (bar) Çalışma Basıncı	Mesh Size Ağ Ölçüsü	QTY Kutu İçi Adet
Nominal Diameter Anma Çapı	Product Code Ürün Kodu								
1/4"	601010071		83	42	6,5	33	130	180 µm	50
Ø8 - 5/16"	601010070								50
3/8"	601010069								50
1/2"	601010068								50
Ø16 - 5/8"	601010067								50
3/4"	601010066								50
7/8"	601010065								50

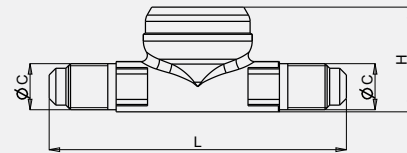
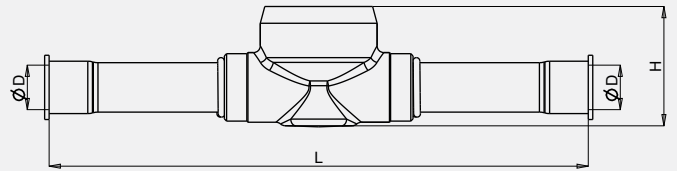


Product Code Ürün Kodu	ØD	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017395	Ø6	129,8	25	60	40
601017396	Ø10	136	26,75		40
601017397	Ø12	140	28		40
601017391	Ø16 - 5/8"	141	30,75		40
601017398	Ø18	141	30,75		40
601017399	Ø22	173	36,5		40
601017400	Ø28	178	40,5		40

Product Code Ürün Kodu	ØD	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017388	1/4"	129,8	25	60	40
601017389	3/8"	136	26,75		40
601017390	1/2"	140	28		40
601017391	5/8" - Ø16	141	30,75		40
601017392	3/4"	141	30,75		40
601017393	7/8"	173	36,5		40
601017394	1 1/8"	178	40,5		40

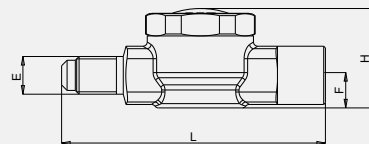
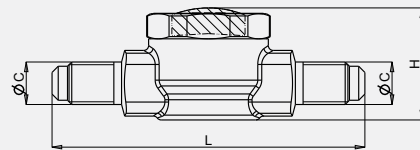
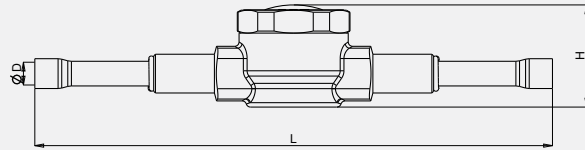
Product Code Ürün Kodu	Connection Thread Bağlantı Dış Ölçüsü	Tube Nominal Diameter Bakır Boru Anma Ölçüsü	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017401	7/16" - 20 UNF	1/4" SAE	71	25	60	40
601017402	5/8" - 18 UNF	3/8" SAE	80	27,5		40
601017403	3/4" - 16 UNF	1/2" SAE	83	29		40
601017404	7/8" - 14 UNF	5/8" SAE	87	30,75		40
601017405	1 1/16" - 14 UNF	3/4" SAE	97	36,5		40

Product Code Ürün Kodu	Connection Thread Bağlantı Dış Ölçüsü	Tube Nominal Diameter Bakır Boru Anma Ölçüsü	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017406	7/16" - 20 UNF	1/4" SAE	71	27,5	60	40
601017407	5/8" - 18 UNF	3/8" SAE	78,5	30,5		40
601017408	3/4" - 16 UNF	1/2" SAE	82	31,5		40
601017409	7/8" - 14 UNF	5/8" SAE	91	37		40



Product Code Ürün Kodu	ØD	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017337	Ø6	147	29	45	40
601017338	Ø10	147	29		40
601017339	Ø12	161	35		28
601017318	Ø16 - 5/8"	161	35		28
601017340	Ø18	171	35		24
601017341	Ø22	175	45		24
601017342	Ø28	175	45		24

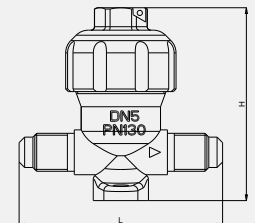
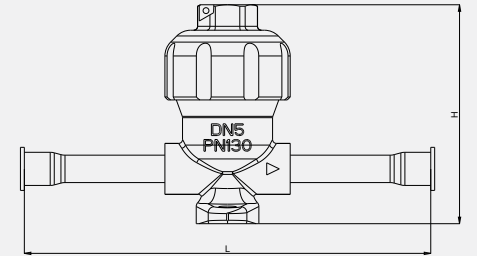
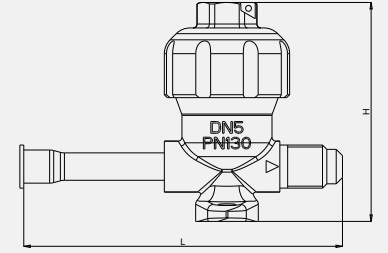
Product Code Ürün Kodu	ØD	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017315	1/4"	147	29	45	40
601017316	3/8"	147	29		24
601017317	1/2"	161	35		24
601017318	5/8" - Ø16	161	35		24
601017319	3/4"	171	35		24
601017320	7/8"	175	45		24
601017321	1 1/8"	175	45		24



Product Code Ürün Kodu	Connection Thread Bağlantı Dış Ölçüsü	Tube Nominal Diameter Bakır Boru Anma Ölçüsü	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017322	7/16" - 20 UNF	1/4" SAE	81	29	45	42
601017323	5/8" - 18 UNF	3/8" SAE	81	29		42
601017324	3/4" - 16 UNF	1/2" SAE	83	34		42
601017325	7/8" - 14 UNF	5/8" SAE	93	36		42
601017326	1 1/16" - 14 UNF	3/4" SAE	97	39		42

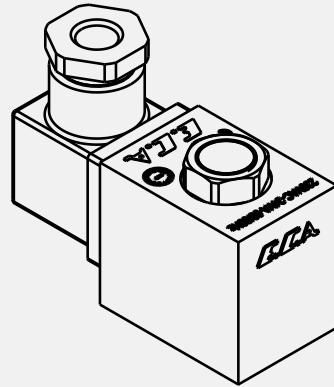
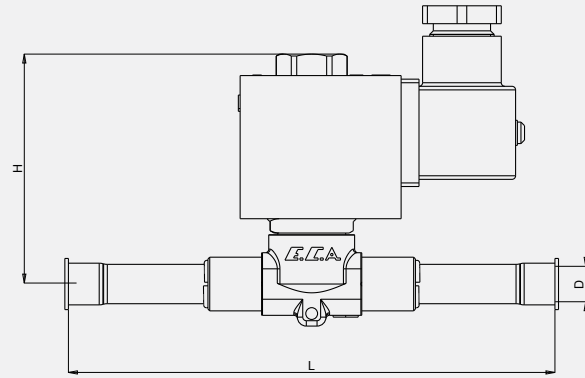
Product Code Ürün Kodu	Connection Thread Bağlantı Dış Ölçüsü	Tube Nominal Diameter Bakır Boru Anma Ölçüsü	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
601017327	7/16" - 20 UNF	1/4" SAE	77	28	45	42
601017328	5/8" - 18 UNF	3/8" SAE	80	33		42
601017329	3/4" - 16 UNF	1/2" SAE	87	35		42
601017330	7/8" - 14 UNF	5/8" SAE	91	39		42

Nominal Diameter Anma Çapı	Product Code Ürün Kodu		Description Ürün Tanımı	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İç Adet
	R404a / R134a	CO ₂ / R744					
DN5	601006047	601006051	1/4" Boru (Tube)x 7/16"-20UNF	81,5	56	130	33
	---	601006067	1/4" Boru (Tube) x M12x1				33
DN8	---	601006212	3/8" Boru (Tube) x 5/8"-18UNF	90	64,5		27
	---	601006241	1/2" Boru (Tube) x 5/8"-18UNF				27



Nominal Diameter Anma Çapı	Product Code Ürün Kodu		Description Ürün Tanımı	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
	R404a / R134a	CO ₂ / R744					
DN5	601006048	601006068	1/4" Boru (Tube) x 1/4" Boru (Tube)	104	56	130	27

Nominal Diameter Anma Çapı	Product Code Ürün Kodu		Description Ürün Tanımı	L (mm)	H (mm)	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
	R404a / R134a	CO ₂ / R744					
DN5	601006013	601006066	7/16" - 20UNF x 7/16" - 20UNF	59	56	130	33



220 V AC		Product Code Ürün Kodu			Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
		CO ₂	CFC	L		
Direct Acting Direkt	1/4"	601026121	601026123	---	45	10
	3/8"	601026122	601026124	138		10

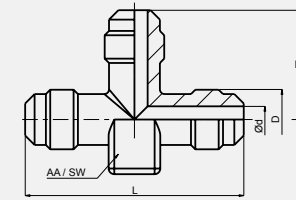
220 V AC		Product Code Ürün Kodu		QTY Kutu İçi Adet
		CO ₂	CFC, HCFC, HCFC	
Coil Bobin		602499014		-
Connector Kennektör		602499180		-

Directive / Yönetmelik	2014/68/EU (Pressure Equipment / Basıncılı Ekipmanlar)
Coil Power / Bobin Gücü /	24 VA (220 V AC) Please contact to manufacturer for other coil types. Diğer bobin seçenekleri için imalatçı ile irtibata geçiniz.
Ingress Protection / Yalıtım Sınıfı	IP 64
Medium Temperature / Akışkan Sıcaklığı	-30°C, +150°C
Ambient Temperature / Ortam Sıcaklığı	-30°C, +60°C
Field of Use / Kullanım Alanı	CFC, HFC, HCFC ve CO ₂ (NH ₃ except / hariç)

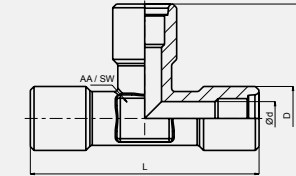
CE declaration of conformity is given for all Solenoid valves.
Tüm Solenoid valflerimiz CE deklarasyonu verilmektedir.

All described Brass Threaded Fittings in this section of our catalogues are produced by Brass Bar EN 12164-CW 614 N and hot forged brass EN 12165 - CW 617N. Below described Turning and Forging Threaded Fittings are exclude of the scope of Directive 97/23/EC as they are individually part of Piping Components . Threaded Brass Fittings such as Male x Female Reducing Unions, SAE Flare x NPT Elbows, SAE Flare x NPT Tee, SAE Flare Tee, SAE Flare x NPT Nipples, SAE Flare Unions are designed as connection parts of Refrigeration Systems .

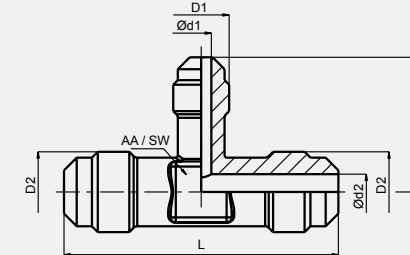
Katalogün bu bölümünde detayları verilen Dişli Tip Pirinç Fittingsler EN 12164 - CW 614 N olarak tanımlanan Pirinç Otomat Çubuklardan ve EN 12165 - CW 617 N olarak tanımlanan Sıcak Dövme Pirinç hammadde kullanılarak üretilmiştir. Otomat ve Dövme Pirinç Hammadde Kullanılarak üretilen Dişli Tip Pirinç Fittingslerin her biri boru bağlantı parçaları olarak tanımlanması nedeni ile 97/23/EC direktifi kapsamı dışında tutulmaktadır. Dişli Tip Pirinç Bağlantı Fittingsleri İç x Dış Diş Bağlantı Rakorları, Flare x NPT Bağlantılı Dirsekler, Flare x NPT "T", Flare "T", Flare x NPT Nipel, Flare Rakorlar Soğutma Sistemlerinde Bağlantı parçası olarak kullanılması amacı ile dizayn edilmiştir.



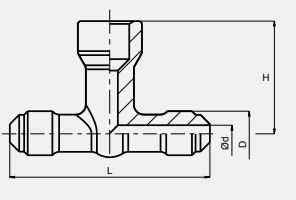
Product Code Ürün Kodu	D	Ød	L	H	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610620142	5/8" - 18UNF	7	58	29	14	130	150
610620171	7/8" - 14UNF	13	80	40	19		75



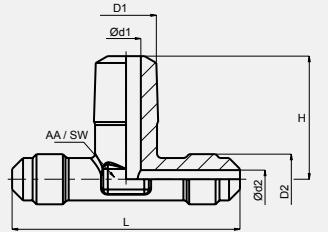
Product Code Ürün Kodu	D	Ød	L	H	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610620154	3/4" - 16UNF	10	68	34	17	130	100
610620269	5/8" - 18UNF	7	58	29	14		100



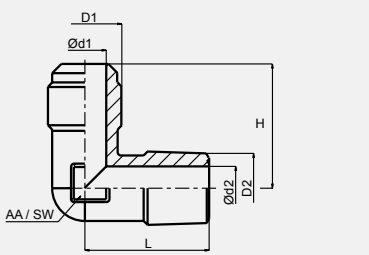
Product Code Ürün Kodu	D ₁	D ₂	Ød ₁	Ød ₂	L	H	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610620140	7/16" - 20UNF	5/8" - 18UNF	4	7	54	26,5	14	130	200
610620141	7/16" - 20UNF		4		48	24	10		200
610620144			V65	4	48	24	10		200
610620143	1/4" - 18NPT	7/16" - 20UNF	10		68	34	17		200
610620300	1/8" - 27NPT	7/16" - 20UNF	13	10	70	38	20		200
610620259	1/4" - 18NPT	7/16" - 20UNF	7	4	50	28	14		200
610620285	1/8" - 27NPT	7/16" - 20UNF	7	13	76	32	20		200
610620286	1/4" - 18NPT	7/16" - 20UNF	7	10	68	28	17		200



Product Code Ürün Kodu	D	Ød	L	H	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610620145	7/16" - 20UNF	4	50	28	130	250

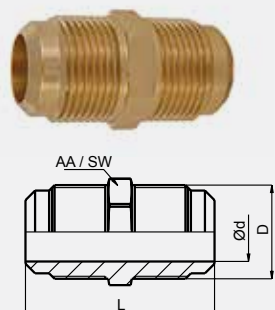


Product Code Ürün Kodu	D ₁	D ₂	Ød ₁	Ød ₂	L	H	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610620147	1/8" - 27NPT	7/16" - 20UNF	4		48	21,5	10	130	200
610620153	1/4" - 18NPT	7/16" - 20UNF	6,5	4	50	27	14		200

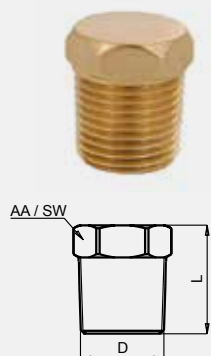


Product Code Ürün Kodu	D ₁	D ₂	Ød ₁	Ød ₂	L	H	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610620146	5/8" - 18UNF	1/4" - 18NPT	7		28	28	14	130	250
610620298	3/4" - 16UNF	1/2" - 14NPT	10	13	37	37	22		250
610620296	7/8" - 14UNF	1/2" - 14NPT	13						

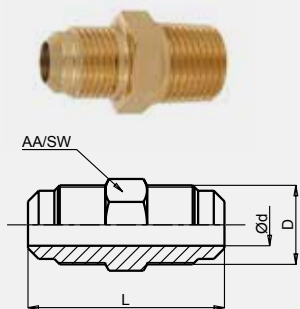
Product Code Ürün Kodu	D	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610614096	1 1/4" - 12UNF	20	64	32	130	70



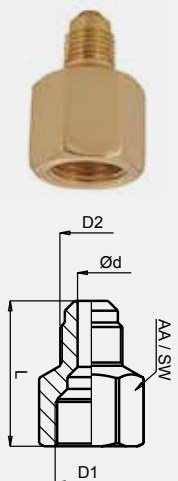
Product Code Ürün Kodu	D	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610601287	1/8" - 27NPT	16,5	11	130	
610601156	1/4" - 18NPT	19	14		
610601157	3/8" - 18NPT	19	17		
610614094	1/2" - 14NPT	27	22		



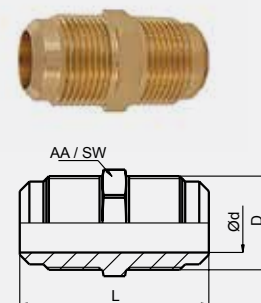
Product Code Ürün Kodu	D1	D2	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610614095	1/2" - 14NPT	3/4" - 16UNF	10	46	24	130	
610614102	3/4" - 14NPT	7/8" - 14UNF	13	47	27		



Product Code Ürün Kodu	D1	D2	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610614098	3/4" - 16UNF	5/8" - 18UNF	7	37	24	130	
610614099	5/8" - 18UNF	7/16" - 20UNF	4	36	22		
610614100	3/4" - 16UNF	7/16" - 20UNF	4	36	24		
610614101	7/8" - 14UNF	3/4" - 16UNF	10	43	27		



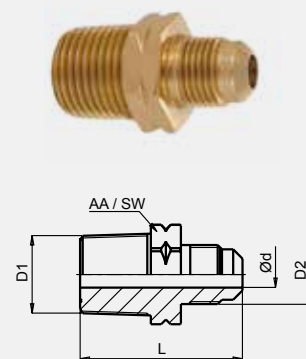
Product Code Ürün Kodu	D	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610614205	7/16" - 20 UNF (1/4" SAE)	4,9	33	11	130	
610614206	5/8" - 18 UNF (3/8" SAE)	7	40	16		
610614207	3/4" - 16 UNF (1/2" SAE)	10	47	19		
610614208	7/8" - 14 UNF (5/8" SAE)	12,5	51	22		
610614209	1 1/16" - 14 UNF (3/4" SAE)	15,9	61	27		



Product Code Ürün Kodu	D	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610618086	3/4" - 16UNF	12,9	22	24	130	400
610618090	7/16" - 20UNF	6,55	16	17		750
610618091	7/8" - 14UNF	16,17	25	27		250
610618092	5/8" - 18UNF	9,7	18	22		500



Product Code Ürün Kodu	D1	D2	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610614097	1/2" - 14NPT	5/8" - 18UNF	7	63,5	24	130	150
610614189	1/4" - 18NPT	3/4" - 16UNF	10	39	22		150

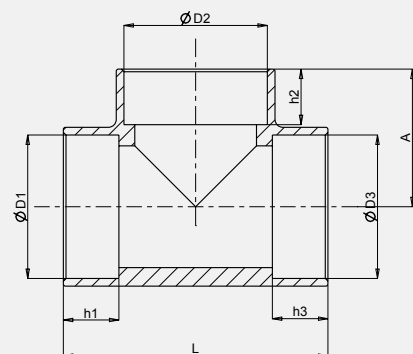
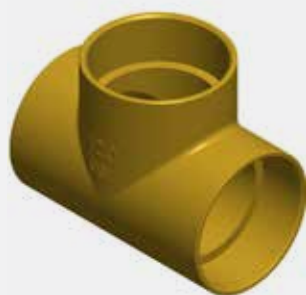


Product Code Ürün Kodu	D	Ød	L	AA/SW	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
610618084	G 3/4"	20,7	16	30	130	350
610618085	G 3/4"	20	13	30		400
610618089	G 1/2"	16	12,3	24		750
610618093	G 1"	21	13	36		750
610618094	G 1"	20,5	15	36		250

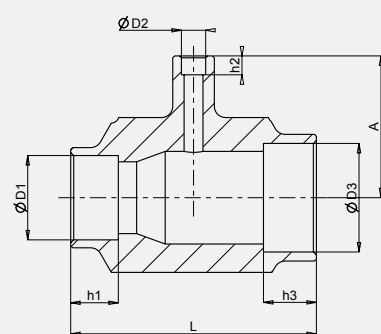


Brass Fittings Pirinç Bağlantı Parçaları

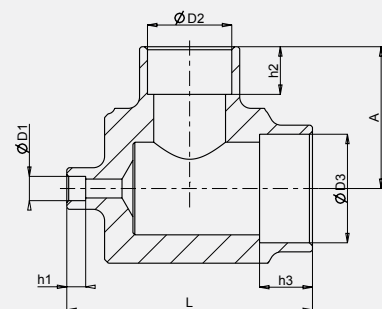
Brass Fittings Pirinç Bağlantı Parçaları



Product Codes Ürün Kodu	Product Description Ürün Tanımı	Connections (ØD) Bağlantılar			Dimensions Ölçüler					Weight gr. Ağırlık	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İç Adet
		ØD ₁	ØD ₂	ØD ₃	h ₁	h ₂	h ₃	A	L			
610620289	5/8" x 5/8" x 5/8"	Ø16,05 ^{+0.1}	Ø16,05 ^{+0.1}	Ø16,05 ^{+0.1}	12,6	12,6	12,6	27	54	160	130	100
610620260	3/4" x 3/4" x 3/4"	Ø19,2 ^{+0.12}	Ø19,2 ^{+0.12}	Ø19,2 ^{+0.12}	12,6	12,6	12,6	27	54	165		100
610620233	7/8" x 7/8" x 7/8"	Ø22,3 ^{+0.12}	Ø22,3 ^{+0.12}	Ø22,3 ^{+0.12}	12,6	12,6	12,6	27	54	115		100
610620241	1 1/8" x 1 1/8" x 1 1/8"	Ø28,71 ^{+0.12}	Ø28,71 ^{+0.12}	Ø28,71 ^{+0.12}	14	14	14	37,5	65	365		42
610620234	1 3/8" x 1 3/8" x 1 3/8"	Ø35,02 ^{+0.14}	Ø35,02 ^{+0.14}	Ø35,02 ^{+0.14}	15,5	15,5	15,5	37,5	65	250		42
610620261	1 5/8" x 1 5/8" x 1 5/8"	Ø41,36 ^{+0.14}	Ø41,36 ^{+0.14}	Ø41,36 ^{+0.14}	18,5	18,5	18,5	42,5	80	450		30
610620290	2 1/8" x 2 1/8" x 2 1/8"	Ø54,2 ^{+0.15}	Ø54,2 ^{+0.15}	Ø54,2 ^{+0.15}	21	21	21	52	100	815		14



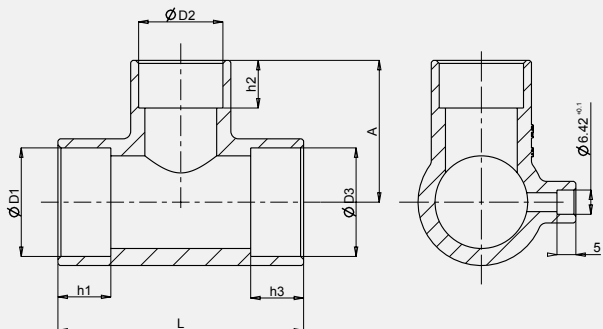
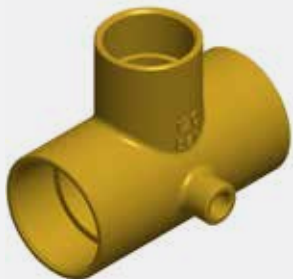
Product Codes Ürün Kodu	Product Description Ürün Tanımı	Connections (ØD) Bağlantılar			Dimensions Ölçüler					Weight gr. Ağırlık	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İç Adet
		ØD ₁	ØD ₂	ØD ₃	h ₁	h ₂	h ₃	A	L			
610620291	5/8" x 1/4" x 5/8"	Ø16,05 ^{+0.1}	Ø6,42 ^{+0.1}	Ø16,05 ^{+0.1}	12,6	5	12,6	27	54	170	130	100
610620262	3/4" x 1/4" x 3/4"	Ø19,2 ^{+0.12}	Ø6,42 ^{+0.1}	Ø19,2 ^{+0.12}	12,6	5	12,6	27	54	165		110
610620236	7/8" x 1/4" x 7/8"	Ø22,3 ^{+0.12}	Ø6,42 ^{+0.1}	Ø22,3 ^{+0.12}	12,6	5	12,6	27	54	130		110
610620252	7/8" x 1/4" x 1 1/8"	Ø22,3 ^{+0.12}	Ø6,42 ^{+0.1}	Ø28,71 ^{+0.12}	12,6	5	14	37,5	65	386		56
610620239	1 1/8" x 1/4" x 1 1/8"	Ø28,71 ^{+0.12}	Ø6,42 ^{+0.1}	Ø28,71 ^{+0.12}	14	5	14	37,5	65	365		42
610620240	1 3/8" x 1/4" x 1 3/8"	Ø35,02 ^{+0.14}	Ø6,42 ^{+0.1}	Ø35,02 ^{+0.14}	15,5	5	15,5	37,5	65	270		42
610620263	1 5/8" x 1/4" x 1 5/8"	Ø41,36 ^{+0.14}	Ø6,42 ^{+0.1}	Ø41,36 ^{+0.14}	18,5	5	18,5	42,5	80	520		30
610620292	2 1/8" x 1/4" x 2 1/8"	Ø54,2 ^{+0.15}	Ø6,42 ^{+0.1}	Ø54,2 ^{+0.15}	21	5	21	52	100	986		14



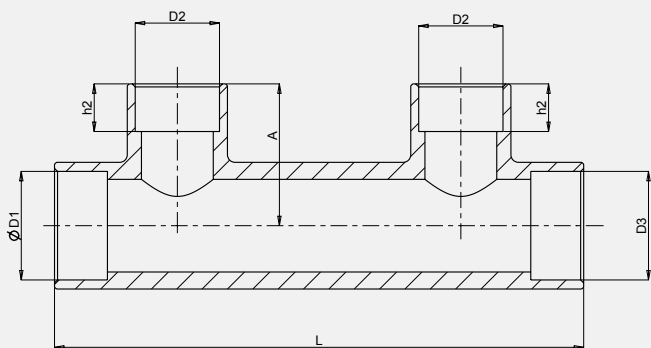
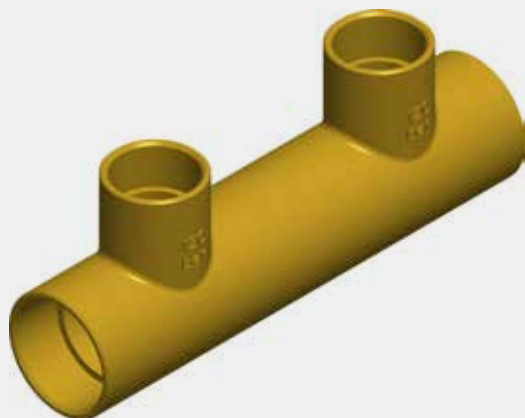
Product Codes Ürün Kodu	Product Description Ürün Tanımı	Connections (ØD) Bağlantılar			Dimensions Ölçüler					Weight gr. Ağırlık	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İç Adet
		ØD ₁	ØD ₂	ØD ₃	h ₁	h ₂	h ₃	A	L			
610620253	1/4" x 7/8" x 1 1/8"	Ø6,42 ^{+0.1}	Ø22,3 ^{+0.12}	Ø28,71 ^{+0.12}	5	12,6	14	37,5	65	380	130	56
610620254	1/4" x 1 1/8" x 7/8"	Ø6,42 ^{+0.1}	Ø28,71 ^{+0.12}	Ø22,3 ^{+0.12}	5	14	12,6	37,5	65	400		56

Brass Fittings Pirinç Bağlantı Parçaları

Elbow, Copper Bakır Dirsekler

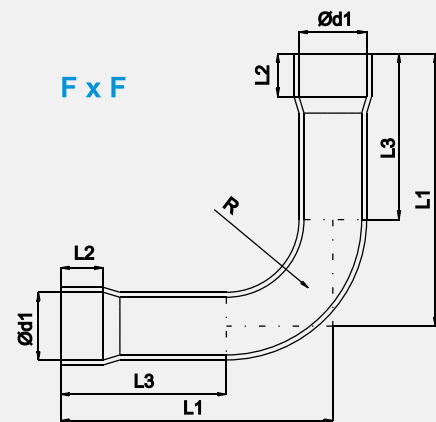


Product Codes Ürün Kodu	Product Description Ürün Tanımı	Connections (ØD) Bağlantılar			Dimensions (Ölçüler)					Weight gr. Ağırlık	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
		ØD ₁	ØD ₂	ØD ₃	h ₁	h ₂	h ₃	A	L			
610620256	1 1/8" x 7/8" x 1 1/8" + 1/4"	Ø28,71 ^{+0.12}	Ø22,3 ^{+0.12}	Ø28,71 ^{+0.12}	14	12,6	14	37,5	65	216	130	54

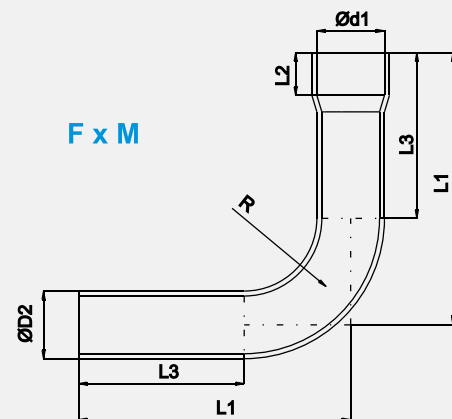


Product Codes Ürün Kodu	Product Description Ürün Tanımı	Connections (ØD) Bağlantılar			Dimensions (Ölçüler)					Weight gr. Ağırlık	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
		ØD ₁	ØD ₂	ØD ₃	h ₁	h ₂	h ₃	A	L			
610620255	1 1/8" x 7/8" x 7/8" x 1 1/8"	Ø28,71 ^{+0.12}	Ø22,3 ^{+0.12} (x2)	Ø28,71 ^{+0.12}	14	12,6	14	37,5	140	500	130	20
610620272	7/8" x 3/4" x 3/4" x 7/8"	Ø22,3 ^{+0.12}	Ø19,2 ^{+0.12} (x2)	Ø22,3 ^{+0.12}	12,6	12,6	12,6	37,5	140	680		30
610620273	1 3/8" x 3/4" x 3/4" x 1 3/8"	Ø35,02 ^{+0.14}	Ø19,2 ^{+0.12} (x2)	Ø35,02 ^{+0.14}	15,5	12,6	15,5	37,5	140	620		20
610620257	1 1/8" x 3/4" x 3/4" x 1 1/8"	Ø28,71 ^{+0.12}	Ø19,2 ^{+0.12} (x2)	Ø28,71 ^{+0.12}	14	12,6	14	37,5	140	535		20

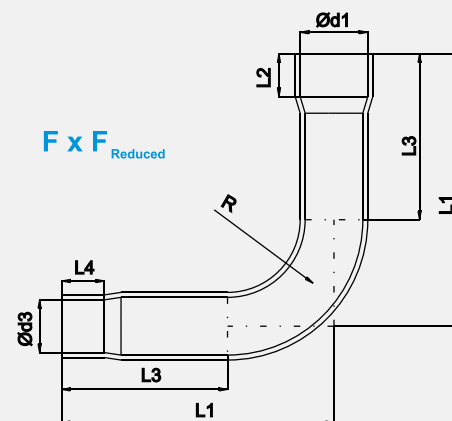
Product Code Ürün Kodu	Description Ürün Tanımı	Tube	Ød ₁	L ₁	L ₂	L ₃	R	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
612502166	3/4"	19,06 x 1,30	19,20	80	14	50	30	130	50
612502122	7/8"	22,23 x 1,50	22,35	95	17	60	35		30
612502123	1 1/8"	28,57 x 1,90	28,75	115	20	70	45		25
612502124	1 3/8"	34,92 x 2,30	35,09	135	25	62	73		15
612502148	1 5/8"	41,27 x 2,70	41,45	170	29	90	80		15
612502192	2 1/8"	53,97 x 3,55	54,20	200	34	100	100		



Product Code Ürün Kodu	Description Ürün Tanımı	Tube	Ød ₁	ØD ₂	L ₁	L ₂	L ₃	R	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
612502167	3/4"	19,06 x 1,30	19,20	3/4"	80	14	50	30	130	50
612502125	7/8"	22,23 x 1,50	22,35	7/8"	95	17	60	35		30
612502126	1 1/8"	28,57 x 1,90	28,75	1 1/8"	115	20	70	45		25
612502127	1 3/8"	34,92 x 2,30	35,09	1 3/8"	135	25	62	73		15
612502149	1 5/8"	41,27 x 2,70	41,45	1 5/8"	170	29	90	80		15
612502193	2 1/8"	53,97 x 3,55	54,20	2 1/8"	200	34	100	100		

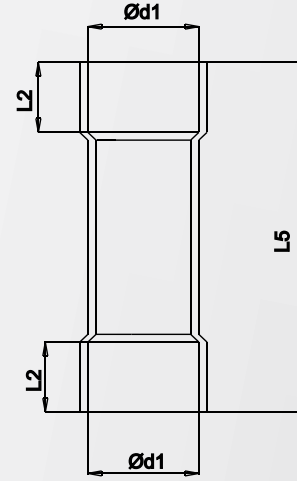


Product Code Ürün Kodu	Description Ürün Tanımı	Tube	Ød ₁	Ød ₂	L ₁	L ₂	L ₃	R	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
612502168	3/4"	19,06 x 1,30	19,20	16,05 (5/8")	80	14	14	50	130	50
612502128	7/8"	22,23 x 1,50	22,35	19,20 (3/4")	95	17	14	60		30
612502129	1 1/8"	28,57 x 1,90	28,75	22,35 (7/8")	115	20	16	70		25
612502130	1 3/8"	34,92 x 2,30	35,09	28,75 (1 1/8")	135	25	18	62		15
612502150	1 5/8"	41,27 x 2,70	41,45	35,09 (1 3/8")	170	29	22	90		15
612502194	2 1/8"	53,97 x 3,55	54,20	41,35 (1 5/8")	200	34	24	100		

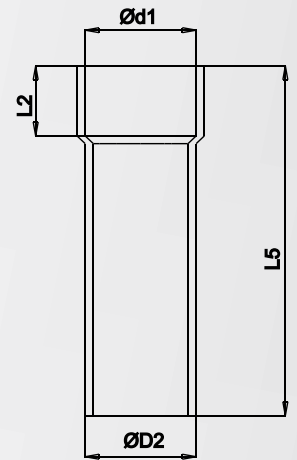


Copper Fittings-Straight Bakır Manşonlar

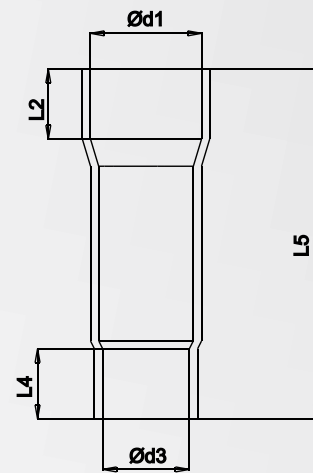
Product Code Ürün Kodu	Description Ürün Tanımı	Tube	Ød ₁	L ₂	L ₅	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
612502169	3/4"	19,06 x 1,30	19,20	14	70	130	130
612502131	7/8"	22,23 x 1,50	22,35	17	80		125
612502132	1 1/8"	28,57 x 1,90	28,75	20	90		50
612502133	1 3/8"	34,92 x 2,30	35,09	25	100		35
612502151	1 5/8"	41,27 x 2,70	41,45	29	120		30
612502185	2 1/8"	53,97 x 3,55	54,20	34	140		15



F x F



F x M



F x F Reduced

Product Code Ürün Kodu	Description Ürün Tanımı	Tube	Ød ₁	ØD ₂	L ₂	L ₅	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
612502170	3/4"	19,06 x 1,30	19,20	3/4"	14	70	130	130
612502134	7/8"	22,23 x 1,50	22,35	7/8"	17	80		125
612502135	1 1/8"	28,57 x 1,90	28,75	1 1/8"	20	90		70
612502136	1 3/8"	34,92 x 2,30	35,09	1 3/8"	25	100		40
612502152	1 5/8"	41,27 x 2,70	41,45	1 5/8"	29	120		30
612502196	2 1/8"	53,97 x 3,55	54,20	2 1/8"	34	140		16

Product Code Ürün Kodu	Description Ürün Tanımı	Tube	Ød ₁	Ød ₃	L ₂	L ₄	L ₅	Operation Pressure (bar) Çalışma Basıncı	QTY Kutu İçi Adet
612502171	3/4"	19,06 x 1,30	19,20	16,05 (5/8")	14	14	70	130	130
612502137	7/8"	22,23 x 1,50	22,35	19,20 (3/4")	17	14	80		125
612502138	1 1/8"	28,57 x 1,90	28,75	22,35 (7/8")	20	16	90		70
612502139	1 3/8"	34,92 x 2,30	35,09	28,75 (1 1/8")	25	18	100		40
612502153	1 5/8"	41,27 x 2,70	41,45	35,09 (1 3/8")	29	22	120		30
612502197	2 1/8"	53,97 x 3,55	54,20	41,45 (1 5/8")	34	24	140		16

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