



Roller Mill Rolls

Vals Topları

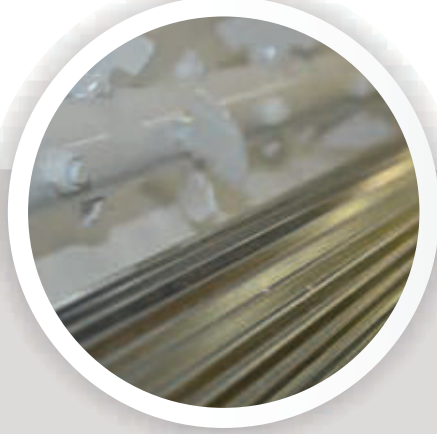
Smooth-Fluted / Liso-Kırıca



DIMENSIONS	Outer Diam.	Inner Diam.	Length	Max. Weight
	150-1000 mm	40 mm (min.)	100-2500 mm	5000 Kgs
MATERIAL	Hard Surface Material		Inner Metal	
	Special Alloy, white cast iron, nihard, spherical graphite alloy		High-layer graphite, spheroid graphite alloy	
HARDNESS	Hardness Range		General Hardness Range	
	350-650 HB		480-580 HB	
HARDNESS DEPTH	Hardness Depth		General Hardness Depth	
	8-50 mm		15-30 mm	

Feed Roll & Spreader Rolls

Vals Besleme & Çapalı Merdane



Roll Exchange Set

Top Değişim Seti





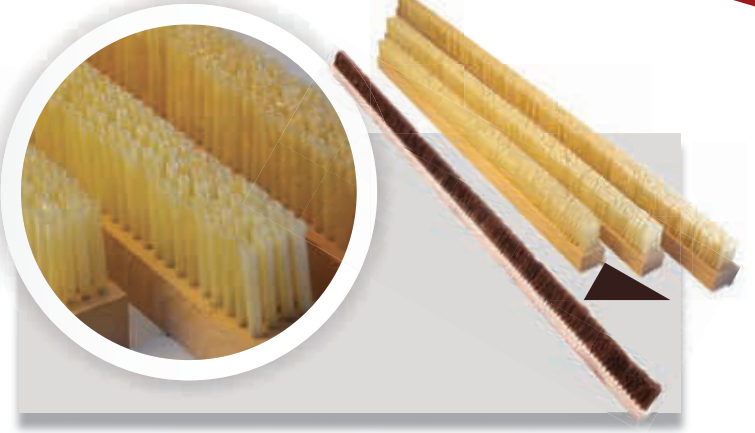
Roll Scraper Blade

Vals Sıyırıcı Bıçağı



Roll Scraper Brush

Fırçalar
Goose-Down & Nylon / Kaz Tüyü-Sentetik



Sight Glasses & Level Sensor

Vals Camları ve Seviye Sensörü



Fine Adjustment Gauge & Shell

Vals İnce Ayar Saati ve Kovanı



Pulleys

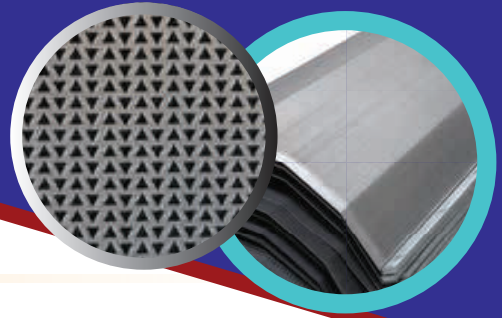
Vals Kasnakları



Gears

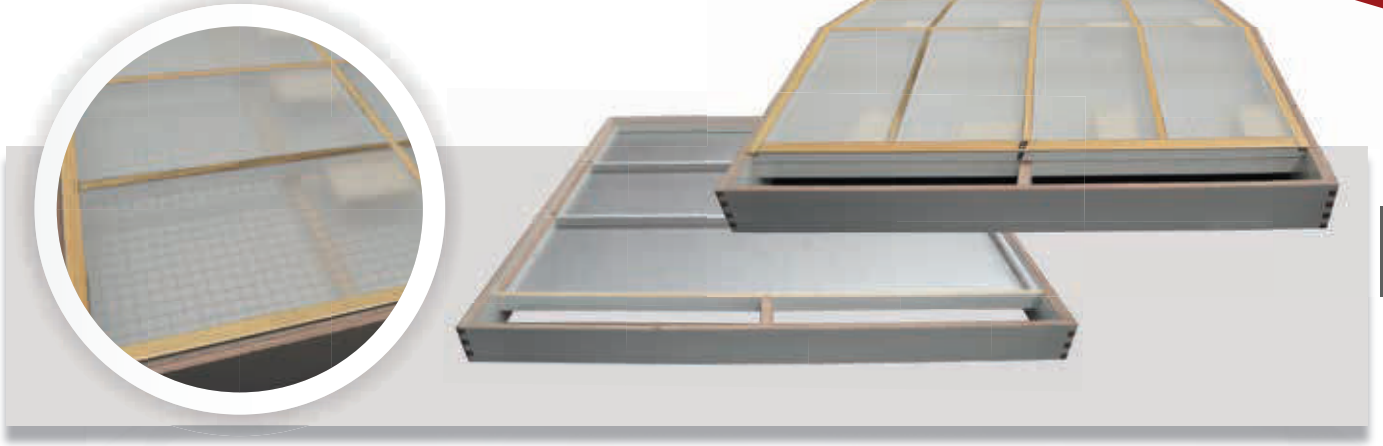
Dişliler
Aluminium-Steel / Alüminyum-Çelik





Sieve Boxes & Insert Frames

Wooden & Aluminium / Ahşap ve Alüminyum



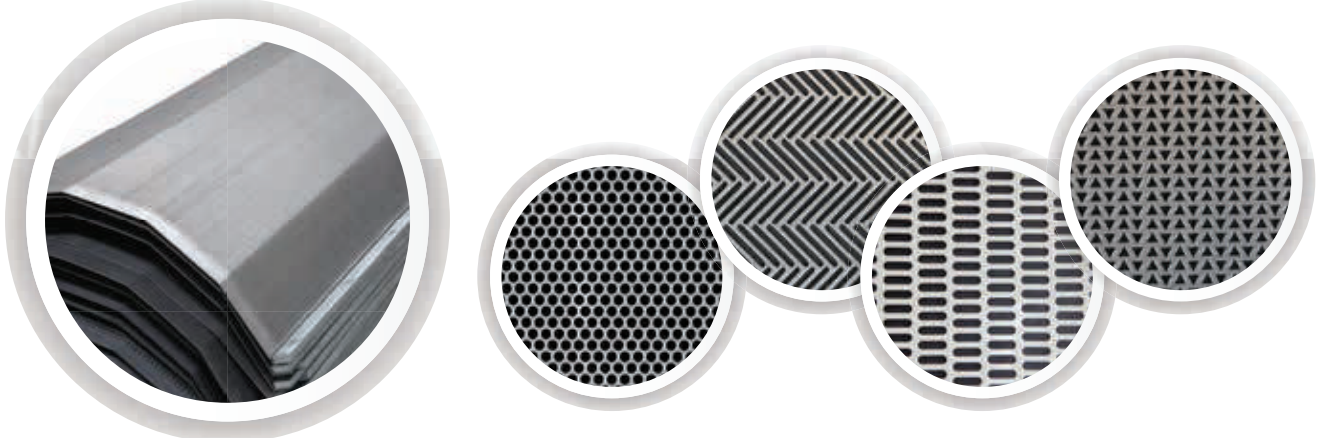
P Sieve Frames

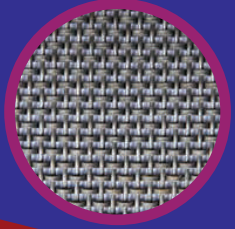
Frame Drawers / Kasa Çekmeceleri



Perforated Sheets

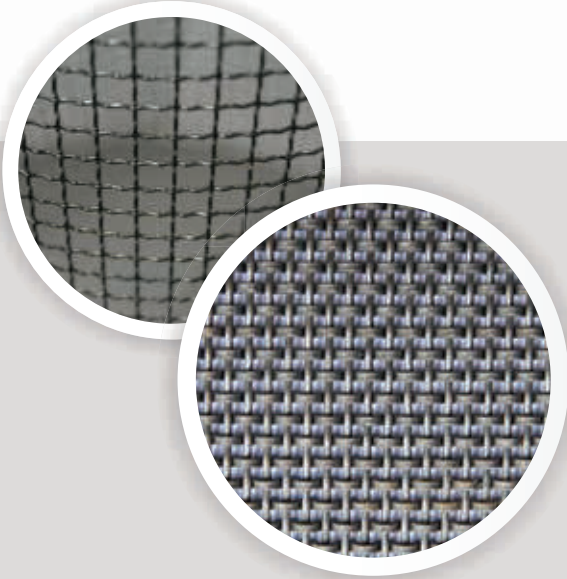
Oblong-Triangle-Round / Oval-Üçgen-Yuvarlak





Stainless Wire Mesh

Paslanmaz Elekler
Wire Meshes / Tel Örgü Elekler

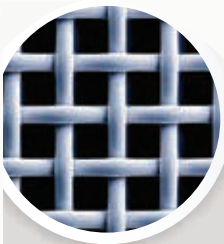


No P:FR	Mesh Openings (mm)	Wire (mm)	Opening Area (%)
2,5	10,01	1,1	81
3	8,36	0,9	81,6
4	6,14	0,8	78,2
4,5	5,37	0,8	75,5
5	4,86	0,7	76,2
6	4,03	0,6	75,8
7	3,42	0,55	74,3
8	2,97	0,5	73,2
9	2,64	0,45	72,5
10	2,38	0,4	73,4
12	1,99	0,32	73,89
14	1,7	0,28	73,41
16	1,46	0,28	70,73
18	1,28	0,26	68,8
20	1,15	0,24	68,56
22	1,02	0,24	65,25
24	0,94	0,22	65,96
26	0,84	0,22	63,29
28	0,79	0,2	63,4
30	726	0,2	61,47
32	688	0,18	62,82

No P:FR	Mesh Openings (mm)	Wire (mm)	Opening Area (%)
34	657	0,16	64,65
36	612	0,16	62,9
38	571	0,16	61
40	544	0,14	63,64
42	521	0,14	62,05
44	491	0,14	60,49
46	464	0,14	59,04
48	439	0,14	57,55
50	436	0,12	61,59
52	414	0,12	60
54	394	0,12	58,6
56	376	0,12	57,4
58	359	0,12	56,19
60	343	0,12	56,94
62	328	0,12	53,56
66	311	0,11	54,65
70	287	0,11	52,3
75	270	0,1	53,14
80	247	0,1	50,58
85	227	0,1	48,23

Nylon Mesh

Naylon Elekler
Mesh Tensioning Meter / Gerginlik ölçme aleti



No GG	Mesh Openings (Micron)	No GG	Mesh Openings (Micron)
12	1800	36	530
14	1600	38	500
15	1400	40	475
16	1320	42	450
17	1250	44	425
18	1180	45	400
19	1120	47	375
20	1000	50	355
22	950	52	335
23	900	54	315
24	850	58-3xx	300
26	800	60-4xx	280
27	750	64	265
28	710	66-5xx	250
30	670	68	243
31	630	70	236
32	600	72	224
34	560	74-6xx	212

Sieve Cleaners

Elek Temizleyicileri
Cotton-Plastic-Star-Tray Cleaner-Rubber Balls /
Bez-Damla-Yıldız-Dip Sıyırıcı-Lastik Toplar

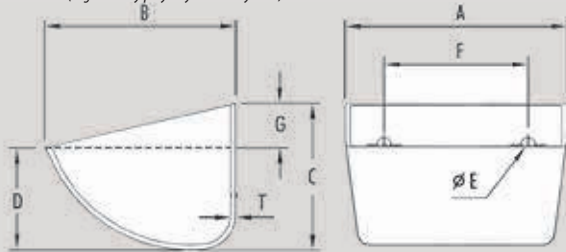


Elevator Buckets

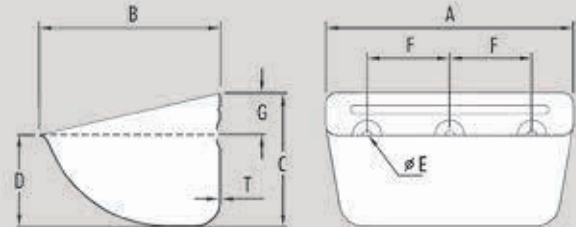
Elevatör Kovaları



HDP BUCKETS (High density polyethylene NY Nylon 6)

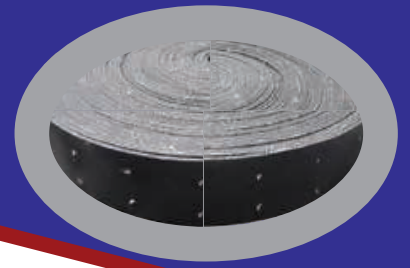


METAL BUCKETS (Pressed - Seamless steel - Stainless steel 304)



Bucket	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	N° of recessed holes	E (mm)	F (mm)	G (mm)
0-80	91	85	64	45	5	2	9	43	18
100-90	110	100	68	46	5	2	9	50	20
120-100	130	110	80	56	5	2	9	67	25
130-U0	135	121	85	55	5	2	9	70	25
140-U0	146	120	90	60	6	2	8,5	70	25
130-130	146	130	89	60	5	2	9	70	25
160-140	172	152	113	80	7	2	9	100	30
180-140	187	150	112	78	5	2	9	100	30
200-150	202	154	112	74	8	2	9	100	30
200-160	210	160	123	85	7	2	9	100	30
230-170	240	175	137	96	7	2	11	120	36
240-165	250	168	130	92	6	2	11	35	35
280-165	292	170	131	94	7	**			
280-170	282	175	137	97	7	3	11	80	34
280-180	290	185	140	97	8	**			
300-150	305	152	115	78	7	**			
300-150-RH	305	152	115	78	7	4	9	51-102-5	32
300-180	314	185	140	100	8	**			
300-215-RH	318	220	166	120	9	3	11	100	50
330-180	350	185	140	98	8	**			
330-215	343	218	168	120	9	**			
330-215-RH	343	220	168	120	9	3	11	120	50
350-180	370	186	138	102	8,5	**			
350-215-RH	375	218	166	120	9	3	11	120	50

Bucket	A (mm)	B (mm)	C (mm)	D (mm)	T (mm)	N° of recessed holes	E (mm)	F (mm)	G (mm)
80-80	85	80	58	39	1	2	8	43	16
100-90-58	106	89	66	45	1	2	8	58	20
100-90-50 t	106	89	66	45	1	2	8,5	50	20
120-100	125	105	77	53	1	2	8	67	25
130-120	138	120	90	62	1,2	2	8,5	70	25
140-120	146	120	90	62	1,5	2	8,5	*70/86	25
160-140	166	147	112	78	1,5	2	8,5	100	30
180-140-110	187	147	112	78	1,5	2	8,5	110	30
180-140-100 t	187	147	112	78	1,5	2	8,5	100	30
200-150-131	205	150	112	77	1,5	2	9	131	32
200-150-100 t	205	150	112	77	1,5	2	9	*100/102	32
230-160-70	233	160	122	85	1,5	3	9	70	32
230-160-120 t	233	160	122	85	1,5	2	10,5	120	32
230-170	235	170	132	93	2	2	11	120	35
240-160	247	165	130	92	2	3	10,5	*70/77	35
260-165	262	165	130	92	2	3	10,5	*77/80	35
280-165-95	289	167	132	93	2	3	10,5	95	38
280-165-80 t	289	167	132	93	2	3	10,5	80	38
280-180-95	290	185	140	97	2	3	11	95	38
280-180-80 t	290	185	140	97	2	3	11	80	38
300-165	308	165	135	94	2	3	9	*100/104	36
300-180	308	182	140	95	2	3	9	*100/104	36
300-215	310	220	163	112	2	3	11	100	50
330-215	340	215	163	112	2,5	3	11	120	50



► Bolts & Nuts for Buckets

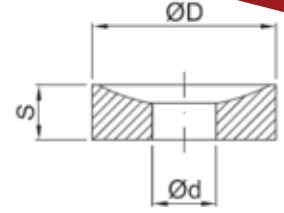
Civata ve Somunlar



Bolts with doomed washers



Bolts with flat washer



SCREWS		Weight Kg/100						
Grade 5.8		Bolts length						
REF.	Ø	25	30	35	40	45	50	60
	head	mm	mm	mm	mm	mm	mm	mm
M7	25	1,30*	1,6	-	-	-	-	-
M8	30	-	2,30*	-	2,5	-	-	-
M10	35	-	-	3,75*	-	4,7	-	5,2
M12	42	-	-	-	-	-	7,2	8,2

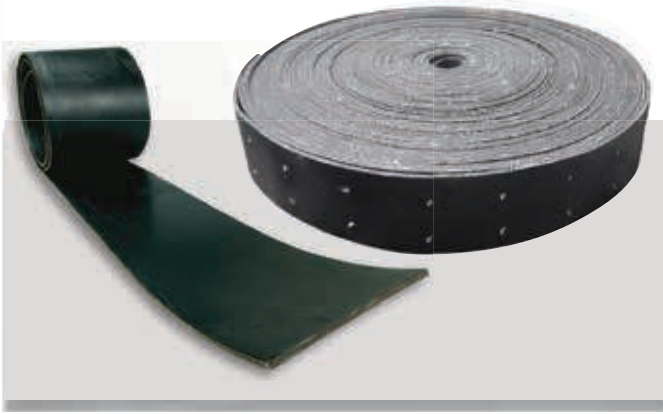
WASHERS		Weight Kg/100	
REF.		Doomed	Flat
M7		0,55*	-
M8		0,70*	0,80
M10		1,65*	1,25
M12		2,9	-

NUTS		Weight Kg/100	
REF.		Low	Self-locking
M7		0,55*	-
M8		0,70*	0,80
M10		1,65*	1,25
M12		2,9	-

SPACER	d	D	S
	mm	mm	mm
SW0825	8,5	25	9
SW1030	10,5	30	9
SW1040	10,5	40	9

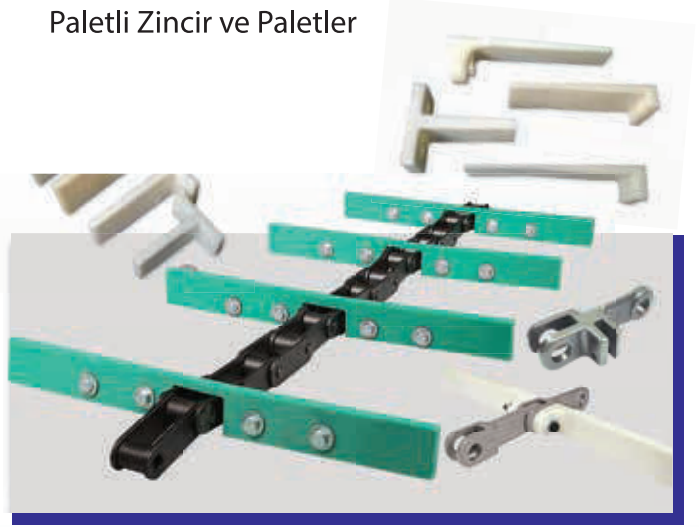
► Elevator & Conveyor Belts

Elevatör Kayışları ve Konveyör Bantları



► Scrapers & Chain with Scrapers

Paletli Zincir ve Paletler



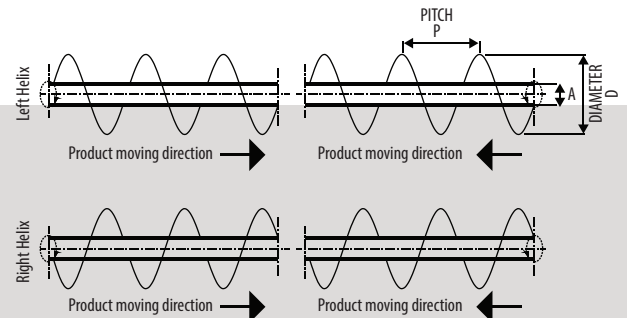
► Screw Conveyor

Helezonlar

Screw Flight / Helezon Yapağı



(D) Diameter Çap	(P) Pitch Hatve	(A) Int. Dia. İç Çap
80	80	27
100	100	27
100	100	34
125	125	34
145	145	34
145	145	42
165	165	42
165	165	60
180	180	42
200	200	60
200	200	49
220	220	49
220	220	60
250	250	60
270	270	60
300	300	76
325	325	76
350	350	90
380	380	102
400	400	102





Piston & Equipment



Filter Control Device (Pneumatic - Electronic)

Pneumatic Actuator & Air Adjustment Gate

Valves & Coils / Valf ve Bobinler





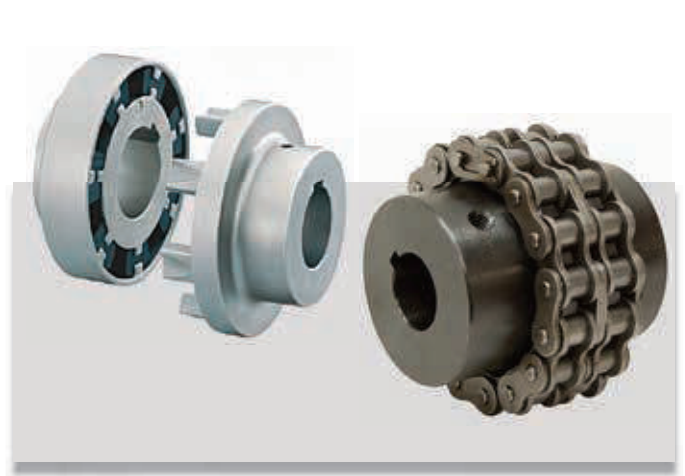
Bushings

Gears



Bearings and Bearing House

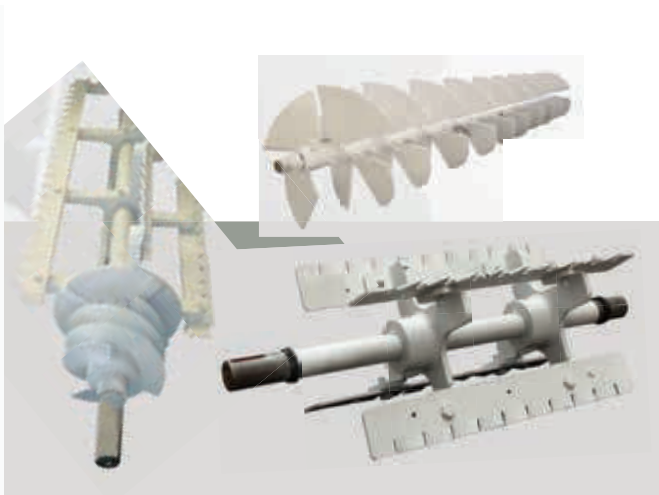
Couplings

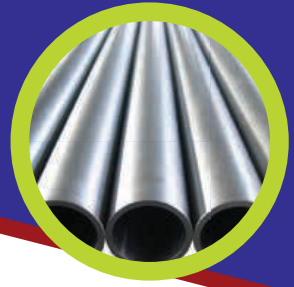


Rotors

Chains

Z

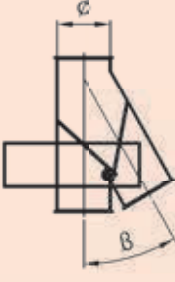


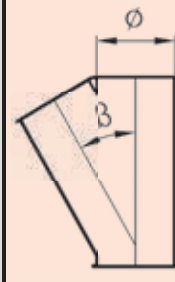


Branch Pipes

Çatal Borular

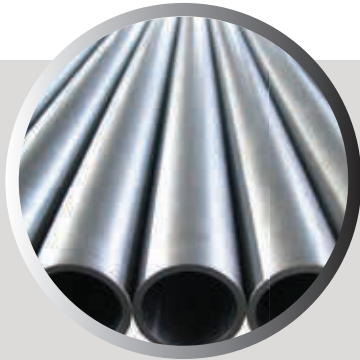


MANUAL BRANCH PIPE GATE MANUEL ÇATAL BORU KLAPE		
PIPE	Diameter (ø) (mm)	Thickness (mm)
 30β - 35β - 40β - 45β	105	0,8
		1,5
		2
	120	1
		1,5
		2
	150	1
		1,5
		2
	170	0,8
		1,2
		2
	200	1
		1,2
		2
	250	0,8
		1
		2

BRANCH PIPE ÇATAL BORU		
PIPE	Diameter (ø) (mm)	Thickness (mm)
 30β - 35β - 40β - 45β - 50β	105	1,2
		1,5
		2
	120	1
		1,5
		2
	150	1
		1,5
		2
	170	1,2
		1,5
		2
	200	1
		1,5
		2
	250	1
		1,5
		2

Straight Steel Pipes

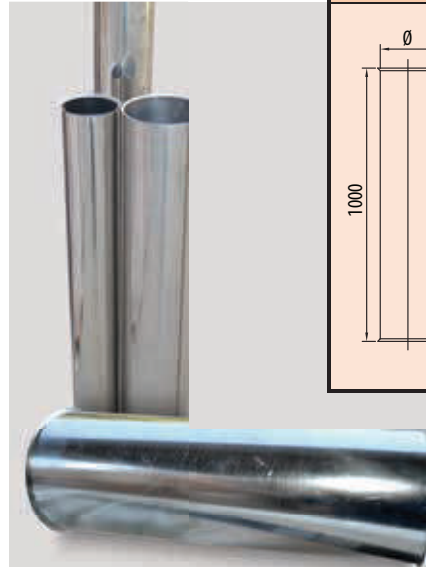
Düz Borular

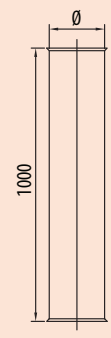


Ext. / Dış ø	ø INT. ø İÇ	ø EXT. ø DIŞ	Sp. Kal.
34	38	2	
42	48	2	
46	51	2,5	
51	57	3	
57	63	3	
65	70	2,5	
70	76	3	
76	83	3	
83	89	3	
95	102	3	
102	108	3	
108	114	3	
119	127	4	
125	133	4	
133	140	4	
142	152	5	
150	158	4	
160	168	4	
170	178	4	
213	219	3	
265	273	4	

Flow Pipes

Akış Boruları



FLOW PIPE / AKIŞ BORUSU		
PIPE	Diameter (ø) (mm)	Thickness (mm)
	105	1,2
		1,5
		2
	120	0,7
		1,5
		2
	150	0,7
		1,5
		2
	170	1,2
		1,5
		2
	200	0,7
		1,5
		2
	250	0,7
		1,5
		2

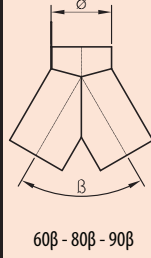


Symmetric Branch Pipes

Simetrik Borular



SYMMETRIC BRANCH PIPES / SİMETRİK BORU		
PIPE	Diameter (ø) (mm)	Thickness (mm)
105	105	1,2
		0,8
		1
120	120	2
		1
		1,5
150	150	2
		1,5
		0,8
170	170	2
		1,5
		0,8
200	200	2
		1,5
		0,8
250	250	2
		1,5
		0,8

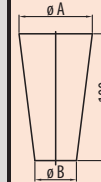


Conical / Reduction

Konik / Redüksiyon



CONICAL / REDUCTION			
PIPE	(ø) A (mm)	(ø) B (mm)	Thickness (mm)
120	120	105	1,2
		105	1,2
150	150	120	1
		120	1
200	200	150	1
		150	1
250	250	200	1
		200	1

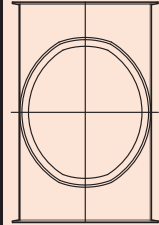


Control Pipe

Kontrol Borusu



CONTROL PIPE / KONTROL BORUSU		
PIPE	Diameter (ø) (mm)	Thickness (mm)
105	105	1
		1,5
		2
120	120	1
		1,5
		2
150	150	1
		1,5
		2
170	170	1
		1,5
		2
200	200	1
		1,5
		2
250	250	1
		1,5
		2



Injectors

Enjektörler

Horizontal & Vertical / Yatay ve Dikey



Segments

Zaviyeler



Connection Parts

Bağlantı Parçaları

Steel Pipe Clamps / Krolet ve Çelik Boru Kelepçeleri

Diameter (øC) (mm)
105
120
150
170
200
250





Plansifter Top-Bottom & Jet Filter Sleeves

Elek Alt-Üst ve Jet Filtre Torbaları



Plansifter Sleeves Technical Data	
Material :	100% polyester
Weight (m2):	400 gr. + 5%
Thickness :	1,6 mm - 1,8 mm
Air permeability:	14000 lt/dm.
Operation Temperature :	150 C

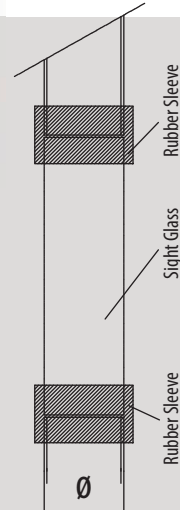
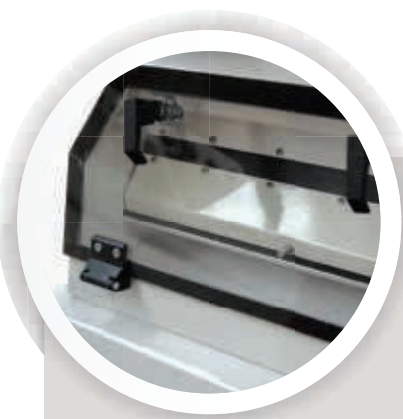
Filter Sleeves Technical Data	
Material :	Fabric : %100 Polyester (Polyethylene terephthalate) texturized Yarn
Production Method :	Tubular Knit Fabric (No Side Seam)
Colour :	White
Standard Diameter :	120 mm
Standard Lengths :	1800mm - 2400mm - 3000mm
Average weight/mt :	175 gr. +/- 5%
Air Permeability :	440 lt/dm2/minute
Dust Capacity :	< 1 micron

Diameter	Length
Ø120	200mm
Ø120	250mm
Ø120	300mm
Ø120	350mm
Ø140	200mm
Ø140	250mm
Ø140	300mm
Ø140	350mm
Ø210	200mm
Ø210	250mm
Ø210	310mm
Ø210	350mm
Ø300	200mm
Ø300	250mm
Ø300	300mm
Ø300	350mm

Pipe Sight Glasses & Product Observation Glasses

Akış Kontrol ve Makine Gözetleme Camları

Semolina Purifier-Separator-Dry Stoner / İrmik Sasörü - Seperator - Taş Ayırıcı



PNEUMATIC LINE SIGHT GLASSES	
Ø mm (L=300 mm)	
51	127
57	133
63	140
70	150
76	160
83	170
89	180
102	200
108	250
114	300
120	



Rubber Sleeves

Lastik Manşonlar



RUBBER SLEEVES	
Ø mm (W=90 mm)	
51	127
57	133
63	140
70	150
76	160
83	170
89	180
102	200
108	250
114	300
120	
Airlock Sleeve	
Ø 160 x 50mm	

Diaphragm Rubbers

Diyafram Lastikleri
Big-Small / Büyük Küçük



Surrounding & Silo Discharger Rubbers

Silo Boşaltıcı ve Çevre Lastikleri



Dia - Çap (mm.)	H (mm.)
Ø 2000	140
Ø 1600	140
Ø 1300	140
Ø 1000	140
Ø 600	140
Ø 500	140
Ø 300	140
Ø 200	140

Chocks

Takozlar



Covers

Kapaklar

Gaskets

Contalar

Hanging Bearing Bushing

Askı Yatak Burçları





AYIN DALET
ENGINEERING

► **Ecluse**

Eklüs

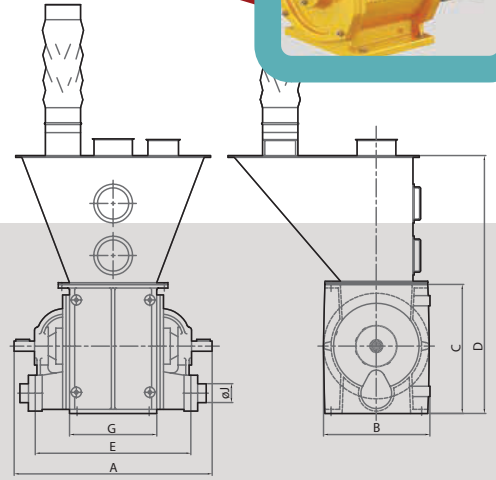


Dimensions [mm]

Model	A	B	C	D	E	G	øJ
KEKM 22/22	555	300	340	1620	440	440	65
KEKM 28/30	660	355	420	1700	538	310	80
KEKM 36/38	787	440	490	1970	645	405	105
KEKM 45/45	844	561	574	2054	703	436	120
KEKM 60/60	1034	720	794	2138	888	600	180

Technical Features

Model	Capacity (t/h)			Weights (Kg)		Gross Volume (m³)
	Wheat	Flour	Bran	Net	Gross	
KEKM 22/22	6,6	4,7	2,6	167	199	0,6
KEKM 28/30	13,2	9	5	211	320	0,9
KEKM 36/38	21,2	15,1	8,4	280	331	1,3
KEKM 45/45	30,2	24,2	12,1	410	473	1,8
KEKM 60/60	56,4	40,1	22,3	575	667	2,8



► **Air Lock**

Hava Kilidi

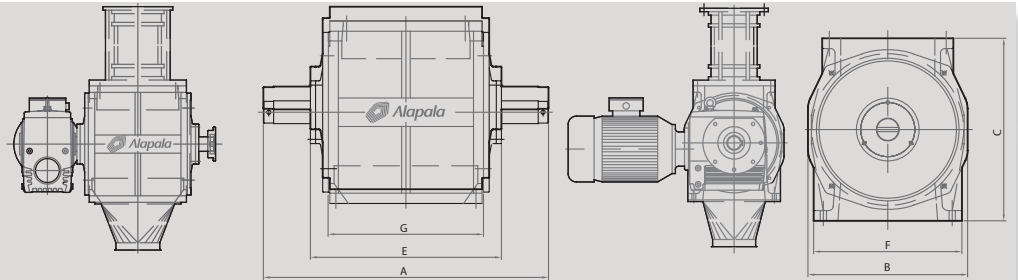


Dimensions [mm]

Model	A	B	C	E	F	G
KHKM - 25/21	368			275		210
KHKM - 25/27	430	280	320	337	260	272
KHKM - 25/33	490			398		333

Technical Features

Capacity(t/h)			Weights (kg)		Gross Volume (m3)
Wheat	Flour	Bran	Net	Gross	
8,2	5,8	3,2	56,5	81	0,1
10,5	7,5	4,1	61	88	
13,2	9,4	5,2	75,5	104	

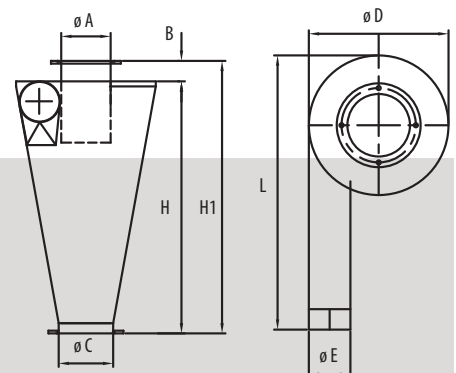


► **Pneumatic Cyclone**

PNömatik Siklon



MODEL	ØA	B	ØC	ØD	ØE	L	H	H1
DPSA - 200	70	60	160	410	122	805	740	800
DPSA - 240	85	60	160	240	64	560	740	800
DPSA - 280	100	60	160	280	83	592	740	800
DPSA - 340	120	60	160	340	103	645	740	800
DPSA - 410	145	60	160	410	122	805	740	800
DPSA - 500	180	60	160	500	140	950	740	800





Pneumatic Line Diverting Gate

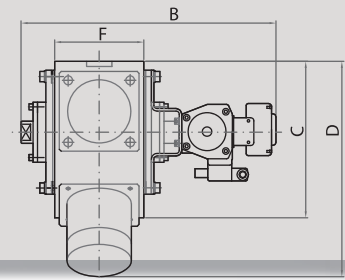
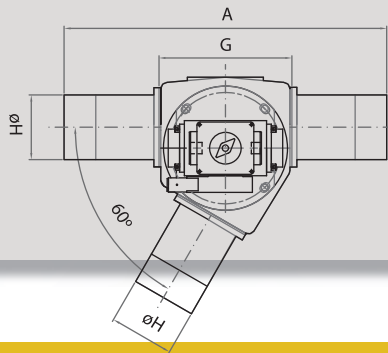
Diverter Klappe

Dimensions [mm]

Model	A	B	C	D	F	G	ØH
KPKA - B - 83	484	384	210	327	125	184	42/46/51 57/63/70 76/83
KPKA - B - 102	516	414	247	371	148	216	95/102
KPKA - B - 120	548	446	287	406	174	248	108/119 125
KPKA - B - 150	598	488	345	467	210	298	133/150
KPKA - B - 180	636	540	378	500	243	336	170/190

Technical Features

Weights (kg)		Gross Volume (m³)
Net	Gross-Brut	
37	70	0,1
56	92	0,12
92	132	0,14
127	172	0,18
162	212	0,22



Pneumatic Line Diverting Gate

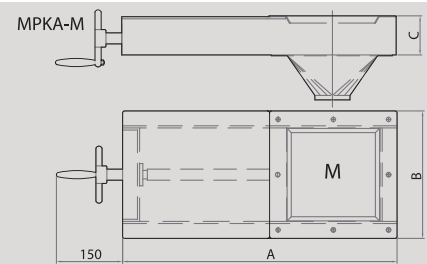
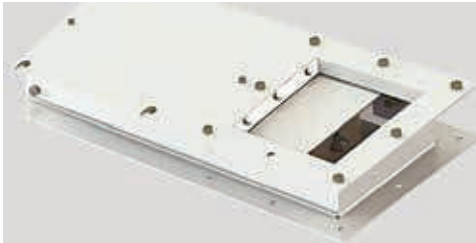
Sürgülü Klappe

Dimensions [mm]

Model	A	B	C	M
MPKA 170	515	250		170 x 170
MPKA 200	615	280		200 x 200
MPKA 220	645	300	90	220 x 220
MPKA 270	745	350		270 x 270
MPKA 320	845	400		320 x 320
MPKA 350	945	450		350 x 350
MPKA 400	995	480	100	400 x 400

Technical Features

Weights (kg)		Gross Volume (m³)
Net	Gross	
23	40	0,1
27	48	
30	53	0,2
33	60	
36	58	
54	92	0,3
68	110	



Flow Balancer

Otomatik Paçal

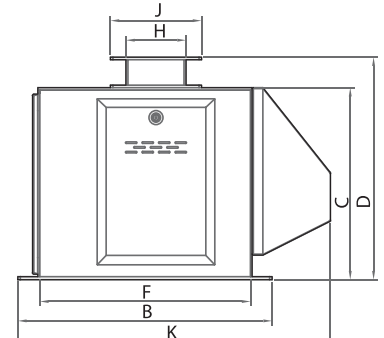
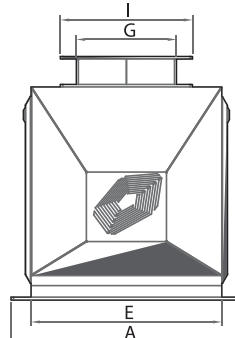


Dimensions [mm]

Model	A	B	C	D	H	G	ØJ
TFBI 25	350	700	594	650	240	295	150
TFBI 50	600		600			545	200

Technical Features

Capacity (t/h)	Weights (kg)		Gross Volume (m³)
Wheat	Net	Gross	
30	150	198	0,3
50	200	260	0,5





Tubular Magnet / Boru Miknatısı

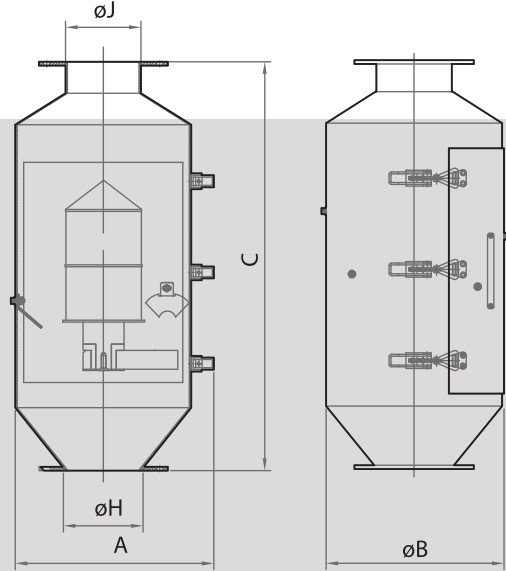


Dimensions [mm]

Model	A	B	C	øH	øJ
KDMB 120/600	315	280	650	120	120
KDMB 150/640	335	300	650	150	150
KDMB 170/680	355	320	680	170	170
KDMB 200/720	415	380	720	200	200
KDMB 250/720	445	410	900	250	250

Technical Features

Model	Capacity(t/h)	Weights (kg)		Gross Volume (m3)
	Wheat	Net	Gross	
KDMB 120/600	9	65	95	0,2
KDMB 150/640	18	75	107	0,3
KDMB 170/680	25	90	124	0,3
KDMB 200/720	50	100	140	0,4
KDMB 250/720	75	122	170	0,5



Cylinder Magnet / Silindir Miknatısı



Grate Magnet / Izgara Miknatısı



Bar Magnet / Çubuk Miknatısı



Sieve Stretching Machine - With / Without Stand

İpek Germe - Ayaklı / Ayaksız

Blower

Blover



Model	Dimensions (mm)	
DPIG 640	570x620	570x500
DPIG 740	662x720	662x580





Timing, Poly-V, V Belts & Pulleys

Triger, Poly-V, V Kayışlar ve Kasknaklar



Motors

Motorlar

Electric Motors, Gear-box Motor & Vibro Motor / Elektrikli Motor, Redüktörlü Motor ve Vibro Motor



▶ Destoner



▶ Paddy Husker (FT)



▶ Vertical Rice Whitener (VTA)



▶ Vertical Rice Whitener (VBF)



▶ Milling Polisher



▶ Thickness Grader



▶ Length Grader



▶ Rotary Sifter





AYIN DALET
ENGINEERING

REZS

MACHINE / MAKINELER SATAKE & CPM

cal Sorters & Spare Par



Belutza



Pellet Sorter

Evolution

Pikasen



CPM Spare Parts / CPM Yedek Parçaları





▶ **Sewing Machine & Spares**

▶ **Loadcell**

▶ **Filter Cage**



▶ **Fan for Air Cycle Tarar**

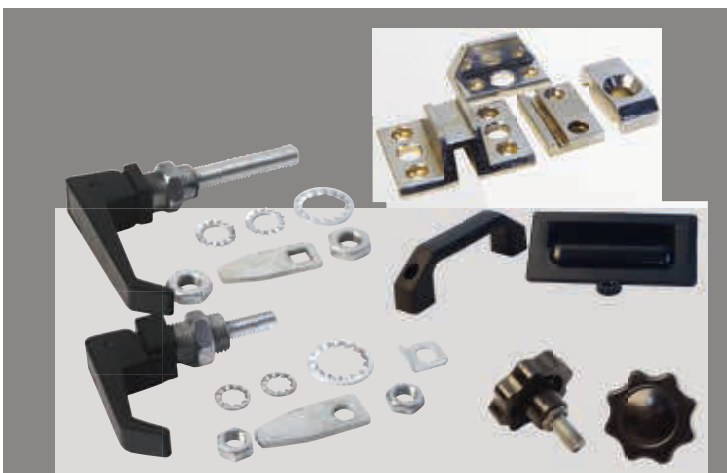
▶ **Silo Discharger Arm**

▶ **Polyamide Gear**



▶ **Handles & Locks**

▶ **Adhesive Glue & Accelerator**

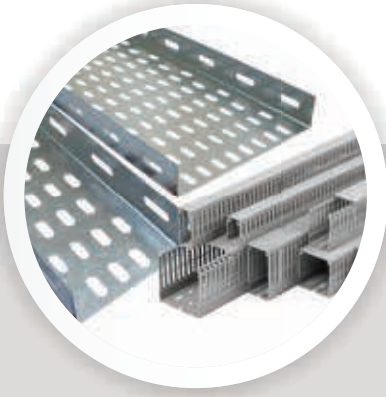




▶ Cable Ducts & Trays

▶ Spiral Hose & Rubber

▶ Buckle



▶ Buttons

▶ Sensors & Cables

▶ Segment Rings



▶ Plansifter Hanging Rods

▶ Limit Switch

▶ Glass Tube Flowmeter





▶ Roller Type Mill

DP RM 1300 Model



▶ Hammer Type Mill

DP HM 210 Model



▶ Gluten Washer

DP GW 2200 Model



▶ Gluten Index

DP GI 2030 Model



▶ Dry Gluten

DP DG 2020 Model



▶ DP FN 7100 Model - Single and Double

FALLING NUMBER FN 7100 / FALLING NUMBER FN 7100



Ash Oven

DP PLF 100/3 Model



Hectoliter



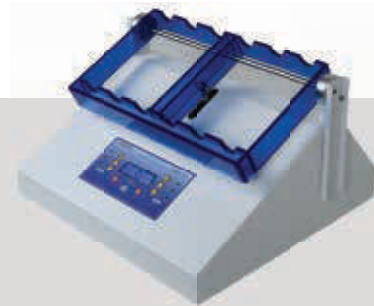
Sieve Shaker

DP S200 Model



Sedimentation Device

DP ZL 120 Model



Balance 0.01 g

DP DG 2020 Model



Balance 0.0001 g



Moisture Meter

DP HE 50 Model





► **Phosmatic E01 - Fumigator**

DP E01 Model



► **Water Distiller**

DP SS/204 Model



► **Incubator**

del. 44lt capacity



► **Dosing Machine - Electrostatic Painting**

DP ED110 Model



► **Protein Analyser**

DP P110 Model



► **pH Meter**



► **Dosing Machine - Stainless Steel**

DP ED110 Model - Paslanmaz



► **Shakematic**

DP FN 7 Model



► **Polarimeter - Starch Analyser**





- ◆ Technical services inclusive of mill maintenance and silos/ storage systems.
- ◆ Supply of spare parts and systems.
- ◆ Mill repairs among others.