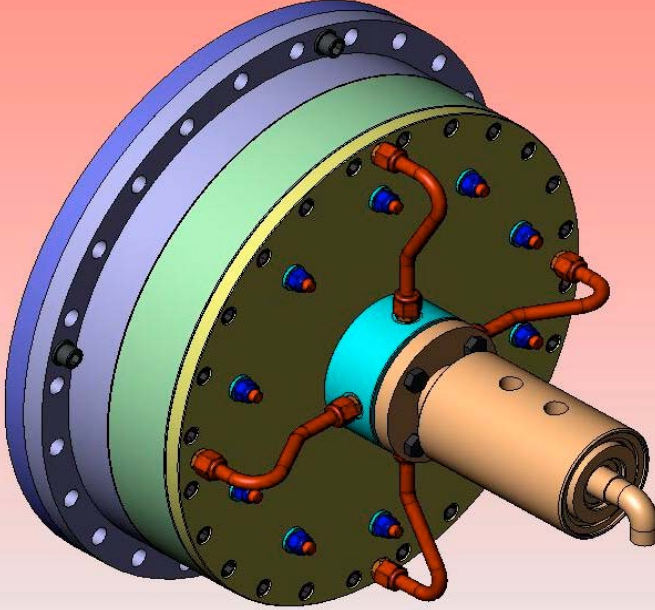


SERİ
SERIES FI-BI 50 BAR

YAĞ KUMANDALI DEBRİYAJ, YAY GERİ DÖNÜŞÜMLÜ
OIL ACTUATED CLUTCH, SPRINGS RELEASED

SERİ
SERIES FI



YAĞ İÇERİSİNDE ÇALIŞAN ÇOK DİSKLİ DEBRİYAJ
STATİK TORKU 15650 Nm den 171150 Nm ye KADAR
DİNAMİK TORKU 10050 Nm den 110000 Nm ye KADAR

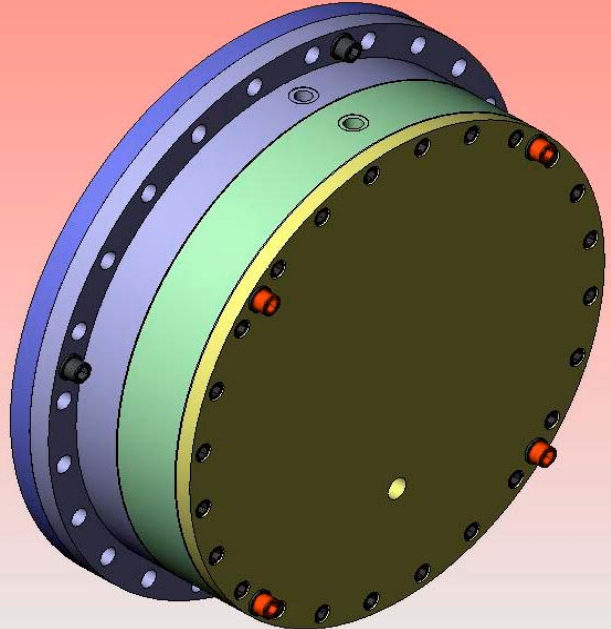
MULTI DISCS CLUTCH, OIL COOLED
STATIC TORQUES FROM 15,650 Nm TO 171,150 Nm
DYNAMIC TORQUES FROM 10,050 Nm TO 110,000 Nm

YAĞ İÇERİSİNDE ÇALIŞAN YAY BASINÇLI FREN
SPRINGS ACTUATED BRAKE, OIL RELEASED

SERİ
SERIES BI

YAĞ İÇERİSİNDE ÇALIŞAN ÇOK DİSKLİ FREN
DİNAMİK TORKU 5700 Nm DEN 68000 Nm ye KADAR
STATİK TORKU 8850 Nm den 105750 Nm ye KADAR

MULTI DISCS BRAKE, OIL COOLED
DYNAMIC TORQUES FROM 5,700 Nm TO 68,000 Nm
STATIC TORQUES FROM 8,850 Nm TO 105,750 Nm

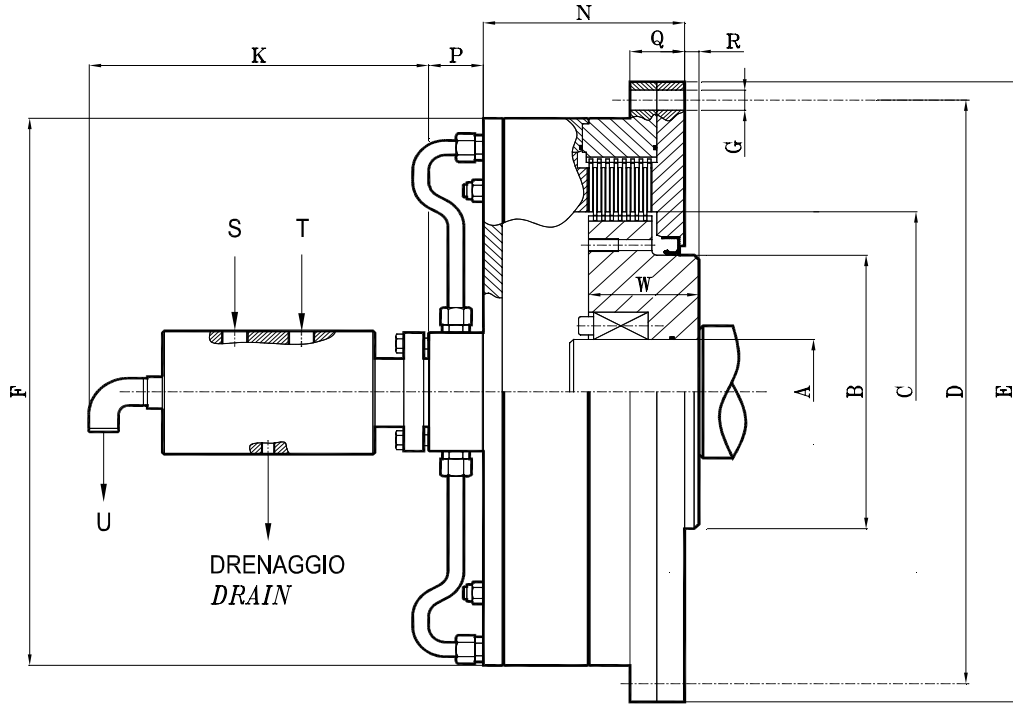


YAĞ KUMANDALI DEBRİYAJ, YAY GERİ DÖNÜŞLÜ

OIL ACTUATED CLUTCH, SPRINGS RELEASED

SERİ
SERIES

FI

S= OLIO DI COMANDO FRIZIONE
DRIVE OILT= OLIO DI RAFFREDDAMENTO
COOLING OILU= SCARICO OLIO
EXIT OIL

Boyut Size		FI 410			FI 488			FI 600			FI 750		
Sürtünme yüzeyleri Friction Surfaces		12	16	20	12	16	20	14	18	22	14	18	22
Çapları [mm] Diameters [inches]	A min	60	(2.362)		100	(3.937)		115	(4.527)		150	(5.905)	
	A max H7	140	(5.511)		190	(7.480)		250	(9.842)		320	(12.598)	
	B	190	(7.480)		230	(9.055)		300	(11.811)		380	(14.960)	
	C	255	(10.039)		315	(12.401)		395	(15.551)		517	(20.354)	
	D	450	(17.716)		520	(20.472)		640	(25.196)		800	(31.496)	
	24 x G	13	(0.511)		18	(0.709)		22	(0.866)		30	(1.181)	
	E g7	475	(18.700)		550	(21.653)		680	(26.771)		850	(33.464)	
Uzunluk [mm] Lenght [inches]	F	410	(16.141)		488	(19.212)		600	(23.622)		750	(29.527)	
	K	256	(10.079)		327	(12.874)		327	(12.874)		322	(12.677)	
	N	153 (6.024)	168 (6.614)	183 (7.205)	170 (6.693)	187 (7.362)	204 (8.031)	202 (7.953)	219 (8.622)	236 (9.291)	263 (10.354)	292 (11.496)	321 (12.638)
	P	55	(2.165)		70	(2.756)		70	(2.756)		86	(3.386)	
	Q	36	(1.417)		40	(1.575)		55	(2.165)		60	(2.362)	
	W	80 (3.150)	96 (3.780)	112 (4.409)	95 (3.740)	112 (4.409)	128 (5.039)	112 (4.409)	129 (5.079)	143,5 (5.650)	161 (6.339)	190 (7.480)	219 (8.622)
	R		10 (0.394)			14 (0.551)			15 (0.591)			20 (0.787)	
Hidrolik bağlantı Hydraulic connection	S		1/2"			3/4"			3/4"			1"	
	T		1/2"			3/4"			3/4"			1"	
	U		1/2"			3/4"			3/4"			1"	
1) Maks. hız [RPM] 1) Max speed [RPM]		1.000			830			640			500		
Ağırlık [kg] Weight [lb]		130 (286)	145 (319)	160 (352)	200 (440)	220 (484)	240 (528)	360 (792)	400 (880)	430 (946)	720 (1,584)	810 (1,782)	900 (1,980)
Vuruş hacmi [dm ³] Stoke volume [in ³]		0,016 (0.98)			0,021 (1.28)			0,031 (1.89)			0,048 (2.93)		
Silindir hacmi [lt] Cylinder Cap. [in ³]		0,114 (6.96)			0,256 (15.62)			0,267 (16.29)			0,672 (41.01)		
İç hareketsizlik [Kgm ²] Internals inertia [lb-ft ²]		0,27 (6.41)	0,36 (8.54)	0,44 (10.44)	0,6 (14.24)	0,77 (18.27)	0,93 (22.07)	1,41 (33.46)	1,81 (42.95)	2,21 (52.44)	8,82 (209.3)	11,04 (261.98)	13,27 (314.9)
2) Dış hareketsizlik [Kgm ²] 2) External inertia [lb-ft ²]		3,39 (80.44)	3,34 (79.26)	3,55 (84.24)	6,54 (155.19)	7,05 (167.30)	7,55 (179.16)	10,39 (246.55)	11,35 (269.34)	12,43 (294.96)	51,9 (1,231.6)	56,25 (1,334.8)	60,6 (1,438)
DebrİYaj torku (Statik) [Nm] Clutch torque (Stat.) [lbin]		15650 (137,175)	20850 (185,850)	26100 (230,100)	24.000 (212,400)	32050 (287,625)	40050 (358,425)	54900 (482,325)	70600 (623,925)	86300 (761,100)	108900 (933,675)	140000 (119,175)	171150 (1,464,675)
DebrİYaj torku (Dinamik) [Nm] Clutch torque (Dyn.)		10.050 (88,500)	13.400 (119,475)	16.750 (146,025)	15.400 (137,175)	20.600 (181,425)	25.700 (230,100)	35.250 (309,750)	45.350 (398,250)	55.450 (486,750)	70.000 (597,375)	90.000 (769,950)	110.000 (942,525)
Yağ basıncı [bar] Operating pressure [psi]		50 (728)			50 (728)			50 (728)			50 (728)		

1) Tek vuruş işlemler için mühendislerimize danışın

1) For single stroke operations consult our engineering

2) Escluso giunto rotante

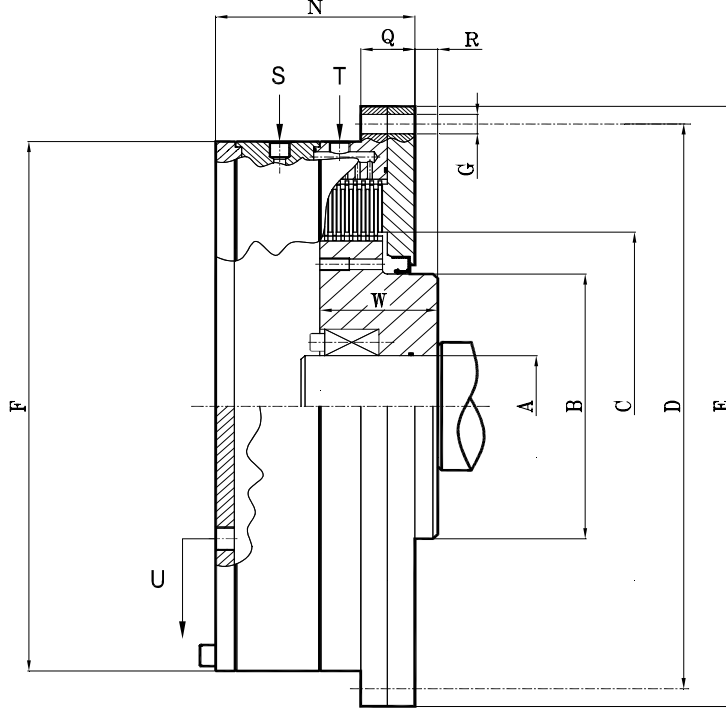
2) Excluded rotating joint

YAĞ İÇERİSİNDE ÇALIŞAN, YAY BASINÇLI FREN

SPRINGS ACTUATED BRAKE, OIL RELEASED

Seri
SERIE

BI

S= OLIO DI COMANDO FRIZIONE
DRIVE OILT= OLIO DI RAFFREDDAMENTO
COOLING OILU= SCARICO OLIO
EXIT OIL

Boyut Size		BI 410			BI 488			BI 600			BI 750		
Sürtünme Yüzeyleri Friction Surfaces		12	16	20	12	16	20	14	18	22	14	18	22
Çapları [mm] Diameters [inches]	A min	60	(2.362)		100	(3.937)		115	(4.527)		150	(5.905)	
	A max H7	140	(5.511)		190	(7.480)		250	(9.842)		320	(12.598)	
	B	190	(7.480)		230	(9.055)		300	(11.811)		380	(14.960)	
	C	255	(10.039)		315	(12.401)		395	(15.551)		517	(20.354)	
	D	450	(17.716)		520	(20.472)		640	(25.196)		800	(31.496)	
	24 x G	13	(0.511)		18	(0.708)		22	(0.866)		30	(1.181)	
	E g7	475	(18.700)		550	(21.653)		680	(26.771)		850	(33.464)	
	F	410	(16.141)		488	(19.212)		600	(23.622)		750	(29.527)	
Uzunluk [mm] Uzunluk Boyutları [inches]	N	153 (6.024)	168 (6.614)	183 (7.205)	170 (6.693)	187 (7.362)	204 (8.031)	202 (7.953)	219 (8.622)	236 (9.291)	263 (10.354)	292 (11.496)	321 (12.638)
	Q	36	(1.417)		40	(1.575)		55	(2.165)		60	(2.362)	
	W	80 (3.150)	96 (3.780)	112 (4.409)	95 (3.740)	112 (4.409)	128 (5.039)	112 (4.409)	129 (5.079)	143,5 (5.650)	161 (6.339)	190 (7.480)	219 (8.622)
	R		10 (0.394)			14 (0.551)			15 (0.591)			20 (0.787)	
Hidrolik bağlantı Hydraulic connection	2 x S @180°		3/8"			1/2"			1/2"			3/4"	
	2 x T @180°		3/8"			1/2"			1/2"			3/4"	
	U		1/2"			3/4"			3/4"			1"	
1) Maks. hız [RPM] 1) Max speed [RPM]		1.000			830			640			500		
Ağırlık [kg] Weight [lb]		130 (286)	150 (330)	160 (352)	200 (440)	220 (484)	240 (528)	370 (814)	400 (880)	430 (946)	730 (1.606)	820 (1.804)	910 (2.002)
Vuruş hacmi [dm ³] Stoke volume [in ³]		0,016 (0.98)			0,021 (1.28)			0,031 (1.89)			0,048 (2.93)		
Silindir hacmi [lt] Cylinder Cap. [in ³]		0,116 (7.08)			0,209 (12.76)			0,311 (18.98)			0,665 (40.58)		
İç hareketsizlik [Kgm ²] Internals iner ⁻²		0,27 (6.41)	0,36 (8.54)	0,44 (10.44)	0,6 (14.24)	0,77 (18.27)	0,93 (22.07)	1,41 (33.46)	1,81 (42.95)	2,21 (52.44)	8,82 (209.3)	11,04 (261.98)	13,27 (314.9)
Dış hareketsizlik [Kgm ²] Externals inertia [lb-ft ²]		3,14 (74.51)	3,36 (79.73)	3,57 (84.72)	6,59 (156.38)	7,1 (168.48)	7,6 (180.35)	10,45 (247.98)	11,41 (270.76)	12,5 (296.63)	53,07 (1.259.4)	57,42 (1.362.6)	61,78 (1.466)
Fren torku. (Dinamik) [Nm] Brake torque (Dyn.) [lbin]		5700 (50,445)	7600 (67,260)	9500 (84,075)	10500 (92,925)	14000 (123,900)	17500 (154,875)	21600 (191,160)	27800 (246,030)	34000 (300,900)	43250 (382,763)	55600 (492,060)	68000 (601,800)
Fren torku (Statik) [Nm] Brake torque (Stat.) [lbin]		8.850 (78,323)	11.800 (104,430)	14.750 (130,538)	16.300 (144,255)	21.750 (192,488)	27.200 (240,720)	33.600 (297,360)	43.200 (382,320)	52.850 (467,723)	67.250 (595,163)	86.450 (765,083)	105.750 (935,888)
Yağ basıncı [bar] Operating pressure [psi]		50 (728)			50 (728)			50 (728)			50 (728)		

1) Tek vuruş işlemleri için mühendislerimize danışın

1) For single stroke operations consult our engineering

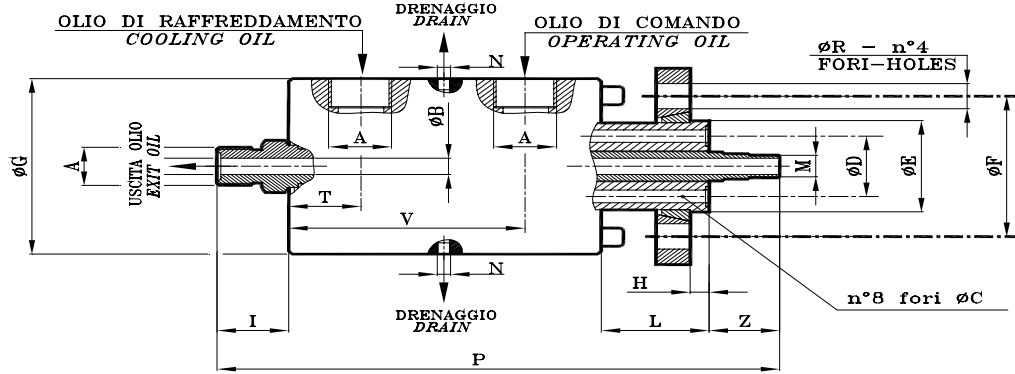
Teknik güncelleme nedeniyle, önceden haber vermeksizin değişiklik yapma hakkını saklı tutar. Onlar internette satışa sunulacaktır (www.orphmek.com)

Due to technical updates, we reserve the right to make changes without previous notice. They will be available on the internet (www.orphmek.com)

BAĞIMSIZ ÇİFT AKIŞ
DUAL INDEPENDENT FLOWSERİ
SERIES

SCP

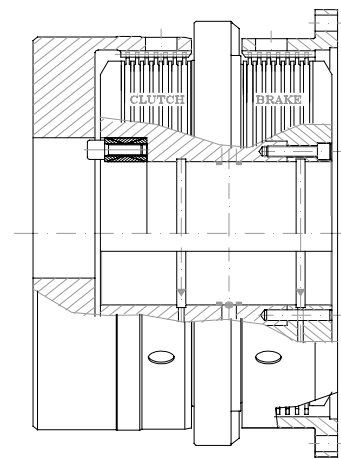
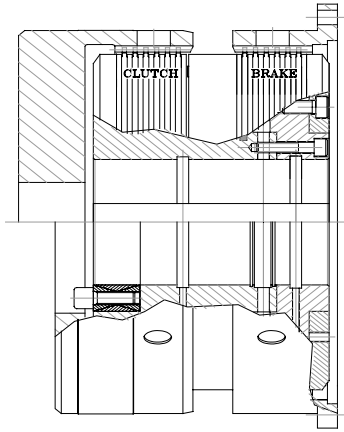
Boyut Size	A	B	C	D	E	F	G	H	I	L	M	N	P	R	T	V	Z
SCP.050	1/2"	13 (0.53)	6 (0.25)	37,5 (1.53)	52 (2.12)	85 (3.47)	98 (4)	8 (0.33)	30 (1.22)	48,5 (1.98)	M18	1/8"	298 (12.16)	14 (0.57)	56 (2.29)	112 (4.57)	48 (1.96)
SCP.075	3/4"	17 (0.69)	7,5 (0.31)	45 (1.84)	65 (2.65)	100 (4.08)	125 (5.01)	10 (0.41)	37 (1.51)	57 (2.33)	M24	1/4"	345 (14.08)	18 (0.73)	68 (2.78)	127 (5.18)	56 (2.28)
SCP.100	1"	22 (0.89)	8 (0.33)	48 (1.96)	65 (2.65)	100 (4.08)	139 (5.67)	10 (0.41)	45 (1.84)	57 (2.33)	M28	1/4"	375 (15.31)	18 (0.73)	75 (3.06)	141 (5.76)	62 (2.53)

DİĞER ÜRÜNLER
OTHER PRODUCTS

SERİ WO - WO SERIES

Fren grubu/ yağ içerisinde çalışan hidrolik kumandalı debriyaj
Hydraulically actuated clutch/brake units , wet running

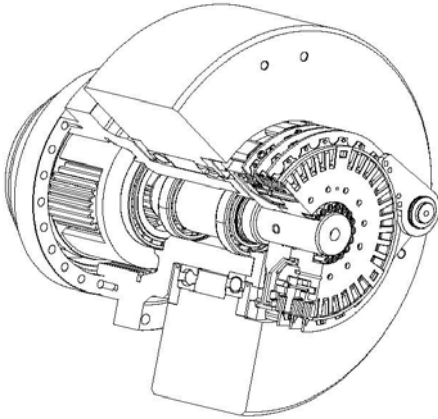
Debriyaj tork değerleri - Clutch torque values : 1.000 ÷ 445.000 Nm
Fren tork değerleri - Brake torque values : 200 ÷ 205.000 Nm



SERİ WA - WA SERIES

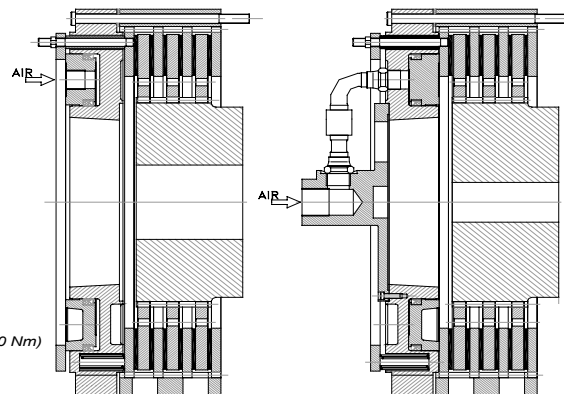
Fren grupları/yağ içerisinde çok diskli çalışan hava kumandalı debriyaj
Air actuated multi-plate clutch/brake units, wet running

Debriyaj tork değerleri Clutch torque values : 3.000 ÷ 50.000 Nm
Fren tork değerleri - Brake torque values : 2000 ÷ 16.000 Nm



OMPIPACK

Pnömatik veya hidrolik kavrama / fren ünitesi ile ön Montajlı sürücü, hidrolik veya hava kumandalı debriyaj eksantrik üzerine monte edebilmek için eksantrik turu düşürülebilir.
Preassembled drive with pneumatic or hydraulic clutch/brake unit, for direct mounting on the crankshaft or on a further reduction



SERİ SB - SB SERIES

Yay basınçlı fren (tek, çift veya üç diskli) (Tork değerleri 33000 Nm)
Spring loaded brake (single, double or three-plate) (Torque value: up to 33000 Nm)

SERİ SK - SK SERIES

Hava kumandalı kavrama (tek, çift veya üç diskli) (Tork değerleri 50000 Nm)
Air actuated clutch (single, double or three-plate) (Torque value: up to 50000 Nm)