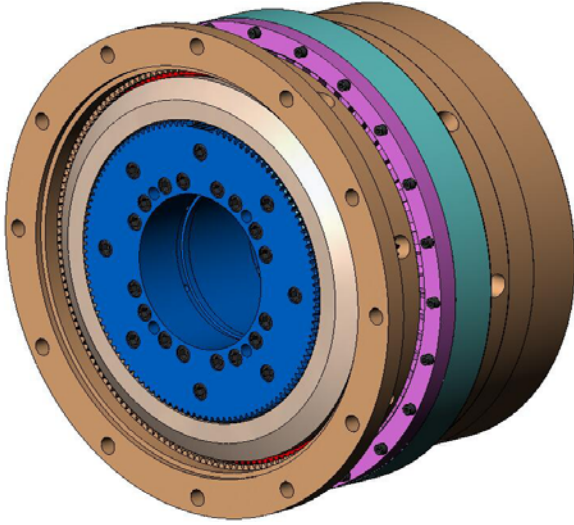


SERİ
SERIES

WA



HAVA ETKİLİ, ISLAK ÇALIŞIYOR
ÇOKLU PLAKA DEBRİYAJ-FREN ÜNİTE
AIR ACTUATED, WET RUNNING
MULTI-PLATE CLUTCH-BRAKE UNIT

DEBRİYAJ TORKU 1760 Nm den 111855 Nm ye KADAR
CLUTCH TORQUES FROM 1760 Nm (15,576 lbin) TO
111855Nm (989,917 lbin)



DEBRİYAJ VE FREN TORKU
ÇALIŞMA BASINCI VE YAY SAYISI
CLUTCH AND BRAKE TORQUES
DUE TO THE OPERATING PRESSURE AND THE SPRINGS NUMBER

SERİ
SERIES

WA

Boyut Size	yaylar springs #	fren torku [Nm] brake torque [lbin]	açılış basıncı [bar] opening pressure [bar]	debrİYaj torku [Nm] basınçlarda [bar] clutch torque [lbin] at pressures [Psi]								halkesizlik [kgm ²] inertia [lbf ²]
				6 bar (87 Psi)	5,5 bar (80 Psi)	5 bar (73 Psi)	4,5 bar (65 Psi)	4 bar (58 Psi)	3,5 bar (50 Psi)	3 bar (43 Psi)	2,5 bar (36 Psi)	
WA 017-009	18	900 (17,700)	2,80	2090 (18,497)	1760 (15,576)	1435 (12,714)	1110 (9,824)	783 (6,930)				0,16 (3.796)
	15	750 (14,691)	2,33	2400 (21,240)	2070 (18,320)	1740 (15,399)	1420 (12,567)	1090 (9,647)				
	12	600 (11,771)	1,87	2700 (23,895)	2370 (20,975)	2050 (18,143)	1720 (15,222)	1400 (12,390)				
	9	450 (8,850)	1,4	3000 (26,550)	2680 (23,718)	2350 (20,798)	2020 (17,877)	1700 (15,045)				
WA 024-009	18	900 (17,700)	2,80	2990 (26,462)	2520 (22,302)	2050 (18,143)	1590 (14,072)	1120 (9,912)				0,17 (4.034)
	15	750 (14,691)	2,33	3420 (30,267)	2950 (26,108)	2490 (22,037)	2020 (17,877)	1550 (13,718)				
	12	600 (11,771)	1,87	3850 (34,073)	3390 (30,002)	2920 (25,842)	2460 (21,771)	1990 (17,612)				
	9	450 (8,850)	1,4	4290 (37,967)	3820 (33,807)	3360 (29,736)	2900 (25,665)	2420 (21,417)				
WA 040-020	18	2000 (17,700)	2,73	3960 (35,046)	3360 (29,736)	2750 (24,338)	2150 (19,028)	1540 (13,629)				0,49 (11.62)
	15	1660 (14,691)	2,7	4520 (40,002)	3900 (34,515)	3300 (29,205)	2700 (23,895)	2090 (18,497)				
	12	1330 (11,771)	2,67	5070 (44,870)	4460 (39,471)	3850 (34,073)	3250 (28,763)	2640 (23,364)				
	9	1000 (8,850)	2,65	5620 (49,737)	5010 (44,339)	4400 (38,940)	3800 (33,630)	3190 (28,232)				
WA 050-020	18	2000 (17,700)	2,73	5670 (50,180)	4800 (42,480)	3930 (34,781)	3070 (27,170)	2200 (19,470)				0,53 (12.57)
	15	1660 (14,691)	2,7	6450 (57,083)	5590 (49,472)	4720 (41,772)	3850 (34,073)	2990 (26,462)				
	12	1330 (11,771)	2,67	7250 (64,163)	6380 (56,463)	5520 (48,852)	4650 (41,153)	3780 (33,453)				
	9	1000 (8,850)	2,65	8030 (71,066)	7160 (63,366)	6290 (55,667)	5430 (48,056)	4560 (40,356)				
WA 070-040	18	4000 (35,400)	2,76	7630 (67,526)	6450 (57,083)	5270 (46,640)	4090 (36,197)	2920 (25,842)				1,54 (36.54)
	15	3330 (29,471)	2,74	8710 (77,084)	7530 (66,641)	6360 (56,286)	5180 (45,843)	4000 (35,360)				
	12	2660 (23,541)	2,72	9800 (86,730)	8620 (76,287)	7440 (65,844)	6260 (55,401)	5080 (44,958)				
	9	2000 (17,700)	2,7	10880 (96,288)	9700 (85,845)	8520 (75,402)	7350 (65,048)	6170 (54,605)				
WA 100-040	18	4000 (35,400)	2,76	11440 (101,244)	9680 (85,668)	7910 (70,004)	6140 (54,339)	4380 (38,763)				1,66 (39.39)
	15	3330 (29,471)	2,74	13070 (115,670)	11300 (100,005)	9540 (84,429)	7770 (68,765)	6000 (53,040)				
	12	2660 (23,541)	2,72	14700 (130,095)	12930 (114,431)	11160 (98,766)	9390 (83,102)	7630 (67,526)				
	9	2000 (17,700)	2,7	16320 (144,432)	14550 (128,768)	12790 (113,192)	11020 (97,527)	9250 (81,863)				
WA 120-080	18	8100 (71,685)	3,05	12670 (112,130)	10520 (93,102)	8370 (74,075)	6220 (55,047)	4070 (36,020)				3,52 (83.53)
	15	6750 (59,738)	3,03	14850 (131,423)	12700 (112,395)	10550 (93,368)	8410 (74,429)	6260 (55,401)				
	12	5400 (47,790)	3,01	17040 (150,804)	14890 (131,777)	12740 (112,749)	10590 (93,722)	8440 (74,694)				
	9	4050 (35,843)	2,99	19220 (170,097)	17070 (151,070)	14920 (132,042)	12780 (113,103)	10630 (94,076)				
WA 170-080	18	8100 (71,685)	3,05	18100 (160,185)	15030 (133,016)	11960 (105,846)	8890 (78,677)	5820 (51,507)				3,75 (88.98)
	15	6750 (59,738)	3,03	21220 (187,797)	18150 (160,628)	15080 (133,458)	12015 (106,333)	8940 (79,119)				
	12	5400 (47,790)	3,01	24340 (215,409)	21270 (188,240)	18200 (161,070)	15130 (133,901)	12060 (106,731)				
	9	4050 (35,843)	2,99	27460 (243,021)	24390 (215,852)	21320 (188,682)	18250 (161,513)	15180 (134,343)				
WA 200-160	18	16500 (146,025)	3,03	26020 (230,277)	21640 (191,514)	17260 (152,751)	12880 (113,988)	8500 (75,225)				9,78 (232)
	15	13750 (121,688)	3,01	30440 (269,394)	26060 (230,631)	21680 (191,868)	17300 (153,105)	12920 (114,342)				
	12	11000 (97,350)	3	34860 (308,511)	30480 (269,748)	26100 (230,985)	21720 (192,222)	17340 (153,459)				
	9	8250 (73,013)	2,98	39280 (347,628)	34900 (308,865)	30520 (270,102)	26140 (231,339)	21760 (192,576)				
WA 300-160	18	16500 (146,025)	3,03	37170 (328,955)	30910 (273,554)	24660 (218,241)	18400 (162,840)	12150 (107,528)				10,44 (247.7)
	15	13750 (121,688)	3,01	43480 (384,798)	37230 (329,486)	30970 (274,085)	24720 (218,772)	18460 (163,371)				
	12	11000 (97,350)	3	49800 (440,730)	43540 (385,329)	37290 (330,017)	31030 (274,616)	24780 (219,303)				
	9	8250 (73,013)	2,98	56110 (496,574)	49860 (441,261)	43600 (385,860)	37350 (330,548)	31090 (275,147)				
WA 500-350	18	35000	2,92	59740 (528,699)	50055 (442,987)	40370 (357,275)	30685 (271,562)	20995 (185,806)				43,8 (1040.5)
	15	29150	2,43	69155 (612,022)	59470 (526,31)	49785 (440,597)	40095 (354,841)	30410 (269,129)				
	12	23320	1,94	78570 (695,345)	68885 (609,632)	59200 (523,92)	49510 (438,164)	39825 (352,451)				
	9	17500	1,46	87985 (778,667)	78225 (692,291)	68610 (607,199)	58925 (521,486)	49240 (435,774)				
WA 700-350	18	35000	2,92	85345 (755,303)	71505 (632,819)	57620 (509,937)	43830 (387,896)	29225 (258,641)				47,5 (1127.2)
	15	29150	2,43	98795 (874,336)	84955 (751,852)	71120 (629,412)	57285 (506,972)	43445 (384,488)				
	12	23320	1,94	112245 (993,368)	98406 (870,893)	84570 (748,445)	70730 (625,961)	56895 (503,521)				
	9	17500	1,46	125693 (1112,383)	111855 (989,917)	98020 (867,477)	84180 (744,993)	70340 (622,509)				

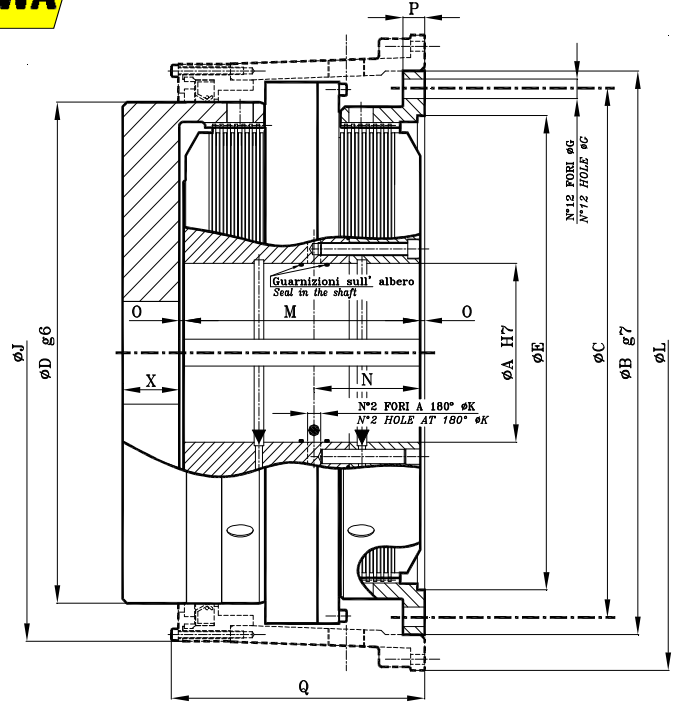
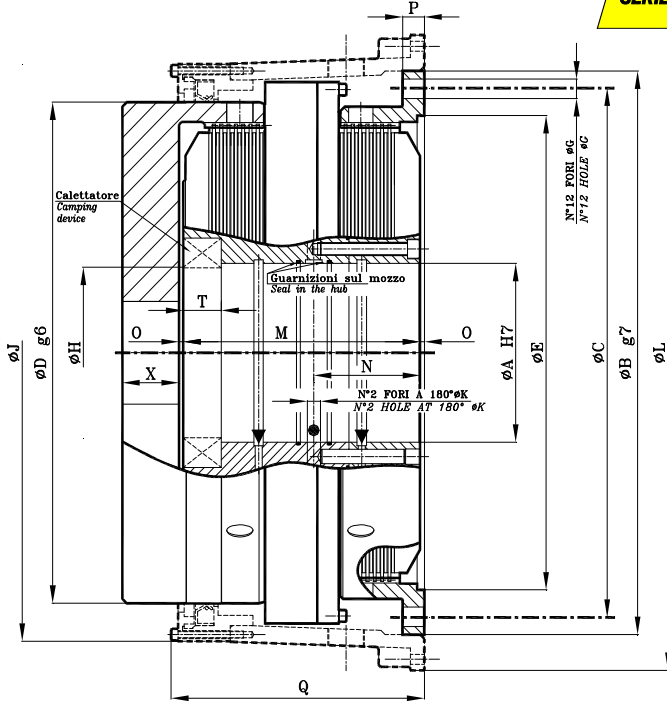
Boyutlar - Dimensions in mm (inches)

Teknik güncellemeler nedeniyle, önceden haber vermeksizin değişiklik yapma hakkını saklı tutar. Onlar internette satışa sunulacak (www.ompisrl.com)

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DEBRİYAJ GRUBU- ÇOK DİSKLİ HAVA KUMANDALI FREN (YAĞ İÇERİSİNDE ISLAK ÇALIŞMA)
AIR ACTUATED MULTI-PLATE CLUTCH-BRAKE UNIT (WET RUNNING)

SERİ
WA



● Aria di alimentazione Drive air ▼ Olio raffreddamento Cooling oil

Boyut Size	STANDARD					
	017-009	040-020	070-040	120-080	200-160	500-350
A max	75 (2.952)	95 (3.740)	130 (5.118)	160 (6.30)	200 (7.874)	250 (9.842)
preforo-prebore	45 (1.771)	60 (2.362)	70 (2.755)	100 (3.937)	115 (4.527)	150 (5.905)
B	260 (10.236)	330 (12.992)	425 (16.732)	500 (19.685)	630 (24.803)	800 (31.496)
C	245 (9.645)	310 (12.204)	400 (15.748)	470 (18.503)	590 (23.228)	750 (29.527)
D	230 (12.245)	300 (11.811)	380 (14.960)	440 (17.322)	560 (22.047)	710 (27.952)
E	215 (8.464)	275 (10.784)	350 (13.780)	415 (16.338)	530 (20.866)	670 (26.377)
G	9 (0.354)	11 (0.43)	14 (0.551)	18 (0.708)	22 (0.866)	30 (1.181)
H		95 (3.740)	120 (4.724)	150 (5.905)	190 (7.480)	240 (9.448)
J	280 (11.023)	360 (14.173)	449 (17.677)	515,5 (20.30)	645 (25.393)	801,5 (31.555)
K	7 (0.275)	8 (0.315)	10 (0.393)	13 (0.511)	15 (0.590)	19 (0.748)
L	325 (12.795)	410 (16.141)	505 (19.881)	580 (22.834)	710 (27.952)	941 (3.047)
M	145,7 (5.736)	176 (6.930)	203 (7.992)	248 (9.763)	272 (10.708)	408 (15.944)
N	64,7 (2.547)	81,5 (3.208)	93 (3.661)	113,5 (4.468)	122 (4.803)	192 (7.421)
O	5 (0.197)	3 (0.118)	5 (0.197)	5 (0.197)	5 (0.197)	5 (0.197)
P	11 (0.433)	12 (0.472)	16 (0.630)	20 (0.787)	25 (0.984)	30 (1.181)
Q	180 (7.086)	199,5 (7.854)	235 (9.251)	271 (10.670)	303 (11.929)	462 (18.188)
T		40 (1.574)	48 (1.890)	53 (2.086)	61 (2.401)	56 (2.204)
X max	35 (2.245)	40 (1.574)	45 (1.771)	55 (2.165)	65 (2.559)	80 (3.150)
Maksimum hız [RPM] Max speed [RPM]	1700	1300	1000	850	700	500
Ağırlık [kg] Weight [lb]	25 (55.1)	92 (202)	167 (367)	276 (607)	490 (1078)	813,8 (1793.6)
Hareketsiz gövde [kgm ²] Inertia Body [lb-ft ²]	0,16 (3.80)	0,49 (11.63)	1,5 (35.6)	3,5 (83.06)	9,8 (232.56)	43,85 (1040.56)
Silindirik kap. [lt] Cyl. Cap. [in ³]	0,127 (7.750)	0,16 (9.76)	0,39 (23.8)	0,61 (37.22)	1,1 (67.13)	2,91 (177.616)
Fren torku [Nm] Brake torque [lbin]	900 (7,965)	2000 (17,700)	4000 (35,400)	8100 (71,600)	16500 (146,000)	35000 (309,500)
Deb. torku (5,5bar) [Nm] Clutch torque (80Psi) [lbin]	1760 (15,576)	3360 (29,736)	6450 (57,083)	10520 (93,102)	21640 (191,514)	50055 (442,987)
Deb. torku (6bar) [Nm] Clutch torque (87Psi) [lbin]	2090 (18,497)	3960 (35,046)	7630 (67,526)	12670 (112,130)	26020 (230,277)	59740 (528,699)

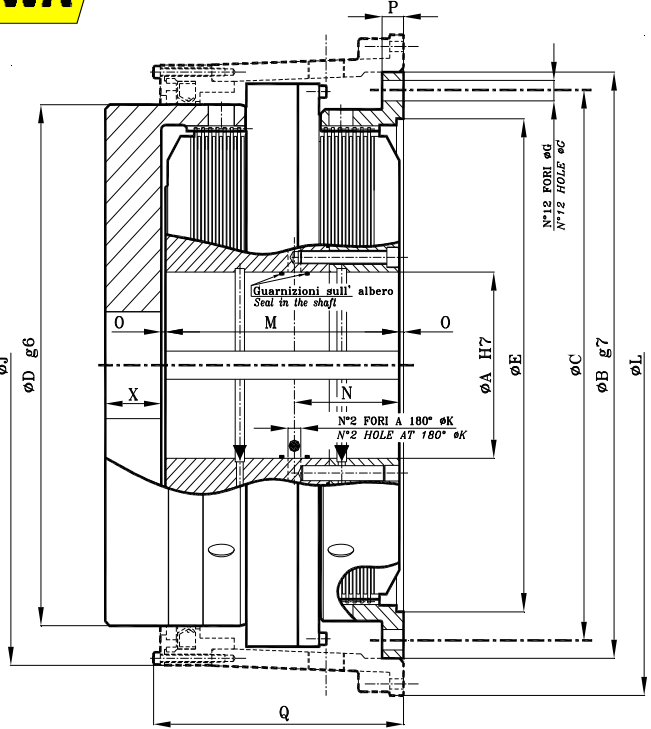
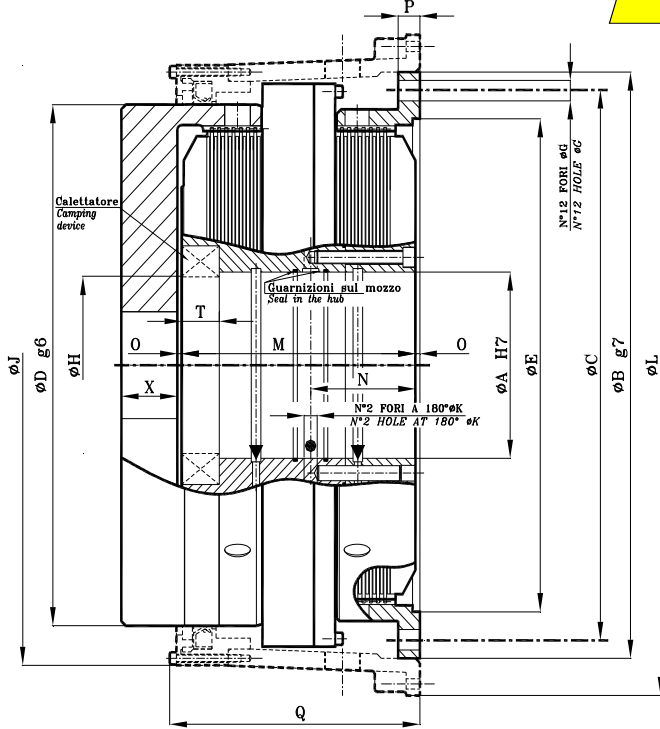
Boyutlar - Dimensions in mm (inches)

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

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DEBRİYAJ GRUBU- ÇOK DISKLİ HAVA KUMANDALI FREN (YAĞ İÇERİSİNDE ISLAK ÇALIŞMA)
AIR ACTUATED MULTI-PLATE CLUTCH-BRAKE UNIT (WET RUNNING)

SERİ
SERIES **WA**



● Aria di alimentazione Drive air ▼ Olio raffreddamento Cooling oil

Boyut Size	TAKVİYELİ / INCREASED					
	024-009	050-020	100-040	170-080	300-160	700-350
A max	75 (2.952)	95 (3.740)	130 (5.118)	160 (6.30)	200 (7.874)	250 (9.842)
preforo-prebore	45 (1.771)	60 (2.362)	70 (2.755)	100 (3.937)	115 (4.527)	150 (5.905)
B	260 (10.236)	330 (12.992)	425 (16.732)	500 (19.685)	630 (24.803)	800 (31.496)
C	245 (9.645)	310 (12.204)	400 (15.748)	470 (18.503)	590 (23.228)	750 (29.527)
D	230 (12.245)	300 (11.811)	380 (14.960)	440 (17.322)	560 (22.047)	710 (27.952)
E	215 (8.464)	275 (10.784)	350 (13.780)	415 (16.338)	530 (20.866)	670 (26.377)
G	9 (0.354)	11 (0.43)	14 (0.551)	18 (0.708)	22 (0.866)	30 (1.181)
H		95 (3.740)	120 (4.724)	150 (5.905)	190 (7.480)	240 (9.448)
J	280 (11.023)	360 (14.173)	449 (17.677)	515,5 (20.30)	645 (25.393)	801,5 (31.555)
K	7 (0.275)	8 (0.315)	10 (0.393)	13 (0.511)	15 (0.590)	19 (0.748)
L	325 (12.795)	410 (16.141)	505 (19.881)	580 (22.834)	710 (27.952)	941 (3.047)
M	162,2 (6.385)	195,5 (7.696)	225,2 (8.866)	273,2 (10.755)	297,2 (11.700)	451,5 (17.775)
N	64,7 (2.547)	81,5 (3.208)	93 (3.661)	113,5 (4.468)	122 (4.803)	192 (7.560)
O	5 (0.197)	3 (0.118)	5 (0.197)	5 (0.197)	5 (0.197)	5 (0.197)
P	11 (0.433)	12 (0.472)	16 (0.630)	20 (0.787)	25 (0.984)	30 (1.181)
Q	193 (7.598)	219,5 (8.641)	260,5 (10.255)	303 (11.929)	334 (13.150)	504 (19.842)
T		40 (1.574)	48 (1.890)	53 (2.086)	61 (2.401)	56 (2.204)
X max	35 (1.378)	40 (1.574)	45 (1.771)	55 (2.165)	65 (2.559)	80 (3.150)
Maksimum hız[RPM] Max speed [RPM]	1700	1300	1000	850	700	500
Ağırlık [kg] Weight [lb]	27,50 (60.61)	101 (222)	182 (400)	299 (657)	529 (1163)	882 (1944)
Hrksizlik gövde [Kg ^{m2}] Inertia Body [lb-ft ²]	0,17 (4.034)	0,53 (12.58)	1,7 (40.34)	3,8 (90.18)	10,4 (246,8)	47,5 (1127.175)
Silindir kap. [lt] Cyl. Cap. [in ³]	0,127 (7.750)	0,16 (9.76)	0,39 (23.8)	0,61 (37.22)	1,1 (67.13)	2,91 (177.616)
Fren torku [Nm] Brake torque [lbin]	900 (72,500)	2000 (17,700)	4000 (33,800)	8100 (72,500)	16500 (145,000)	35000 (309,500)
Deb. torku (5,5bar)[Nm] Clutch torque (80Psi) [lbin]	2520 (22,302)	4800 (42,480)	9680 (85,668)	15030 (133,016)	30910 (273,553)	71505 (632,819)
Deb. torku (6bar) [Nm] Clutch torque (87Psi) [lbin]	2990 (26,462)	5670 (50,180)	11400 (101,244)	18100 (160,185)	37170 (328,955)	85345 (755,303)

Boyutlar - Dimensions in mm (inches)

Teknik güncellemeler nedeniyle, önceden haber vermeksizin değişiklik yapma hakkını saklı tutar. Onlar internette satışa sunulacak (www.ormek.com)

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DÖNER BAŞLIK YAĞ GİRİŞ - OIL INLET UNION

SERİ
SERIES

SCP

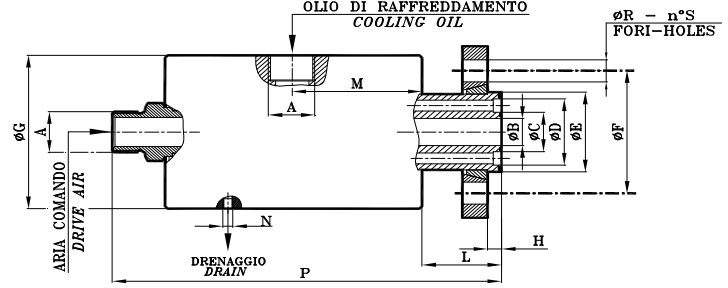
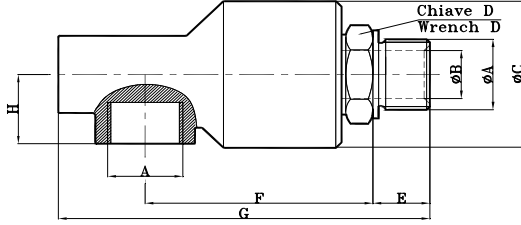
**ÇİFT BAĞIMSIZ AKIŞ
DUAL INDEPENDENT**

Grandezza Size	A	B	C	D	E	F	G	H	L	M	N	P	R	S
SCP.050	1/2"	13 (0.51)	22 (0.9)	39 (1.59)	52 (2.05)	85 (3.35)	98 (4)	8 (0.31)	42.8 (1.75)	80 (3.27)	1/16"	223 (9.1)	14 (0.55)	4
SCP.075	3/4"	18 (0.71)	27.5 (1.12)	45.5 (1.86)	58 (2.28)	100 (3.94)	110 (4.49)	10 (0.39)	52 (2.12)	79 (3.22)	1/16"	236 (9.63)	18 (0.71)	4
SCP.100	1"	24 (0.94)	32 (1.30)	54 (2.13)	65 (2.56)	100 (3.94)	125 (5.1)	10 (0.39)	57 (2.24)	93 (3.8)	1/16"	279 (11.39)	18 (0.71)	4

**TEK AKIŞ
SINGLE FLOW**

SERİ
SERIES

R



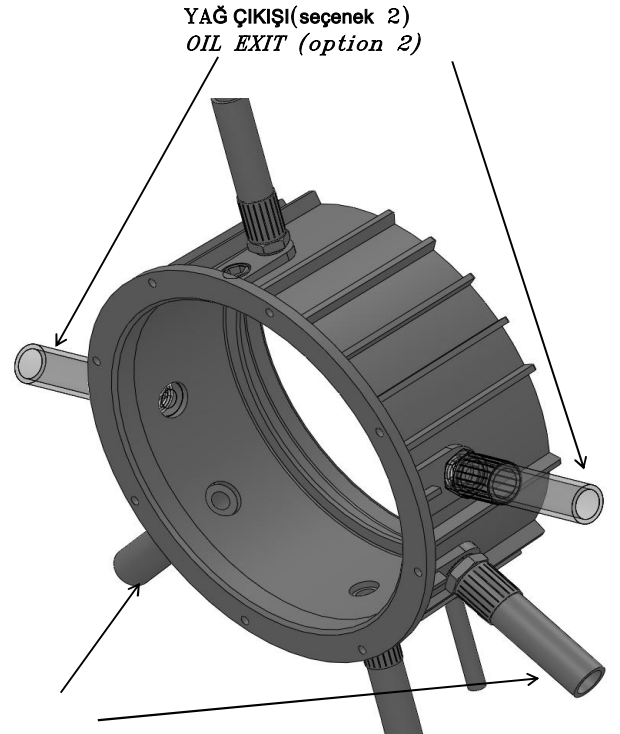
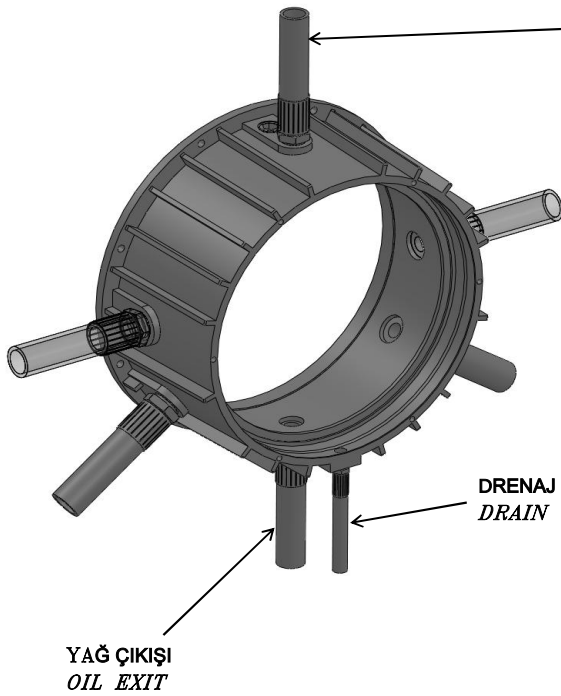
Model Type	A	B	C	D	E	F	G	H	Peso / Weight kg / lbs	Velocità / Speed rpm
R.050	1/2"	12.5 (0.49)	50 (1.96)	27 (1.06)	18.5 (0.73)	70.6 (2.78)	106 (4.17)	30 (1.18)	0.75 (1.65)	1500
R.075	3/4"	17 (0.66)	56 (2.20)	32 (1.26)	20 (0.79)	74 (2.91)	114 (4.49)	36 (1.42)	0.96 (2.12)	1000
R.100	1"	22 (0.86)	65 (2.56)	41 (1.61)	23.5 (0.93)	89.5 (3.52)	137 (5.39)	40 (1.57)	1.4 (3.09)	700

Boyutlar - Dimensions in mm (inches)

Teknik güncellemeler nedeniyle, önceden haber vermeksizin değişiklik yapma hakkını saklı tutar. Onlar internette satışa sunulacak (www.ompisrl.com)

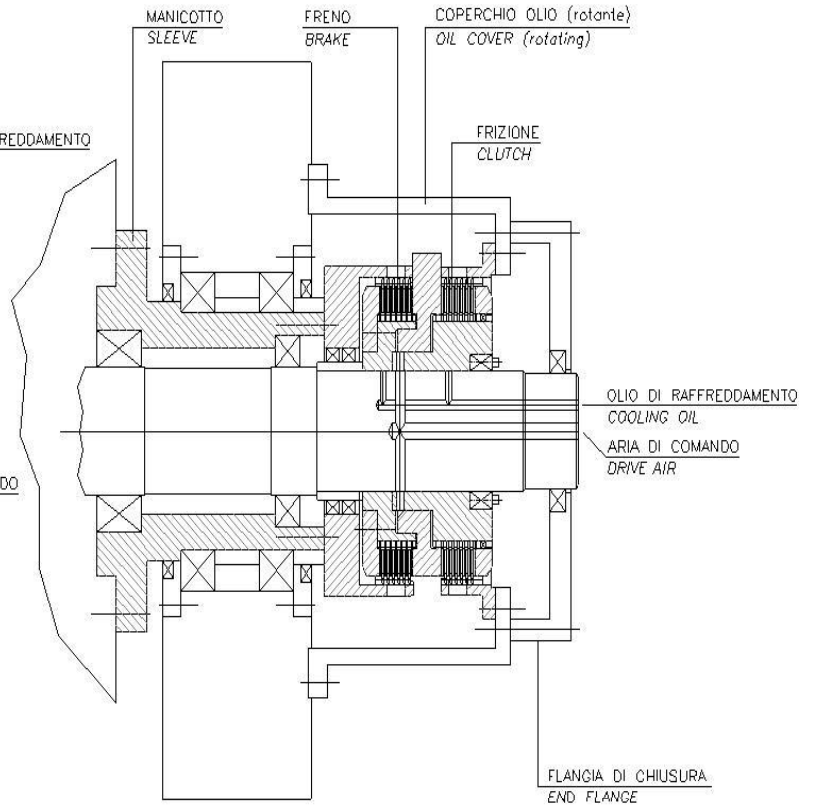
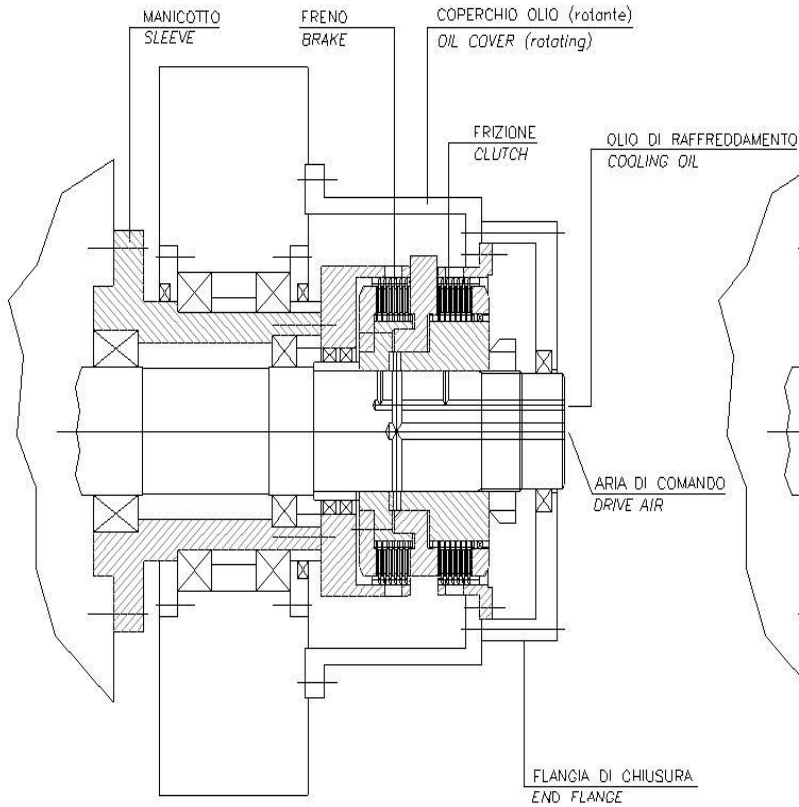
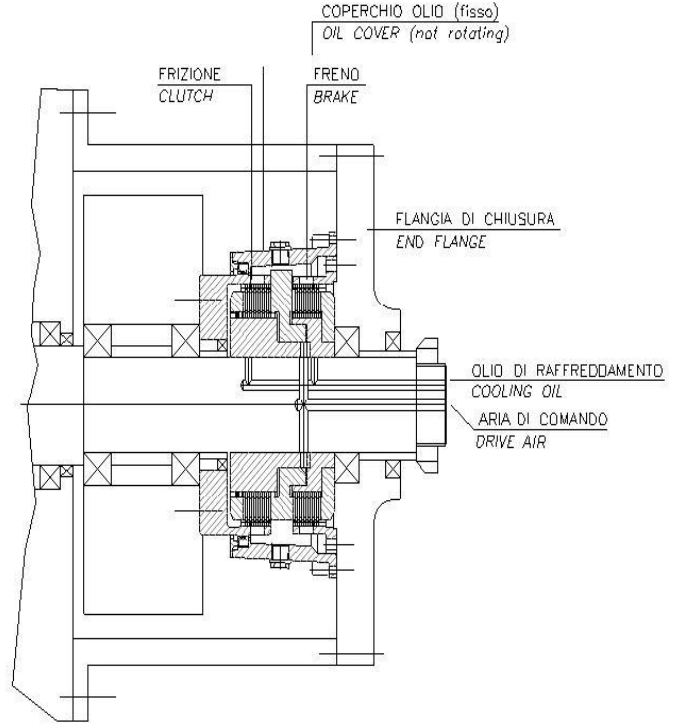
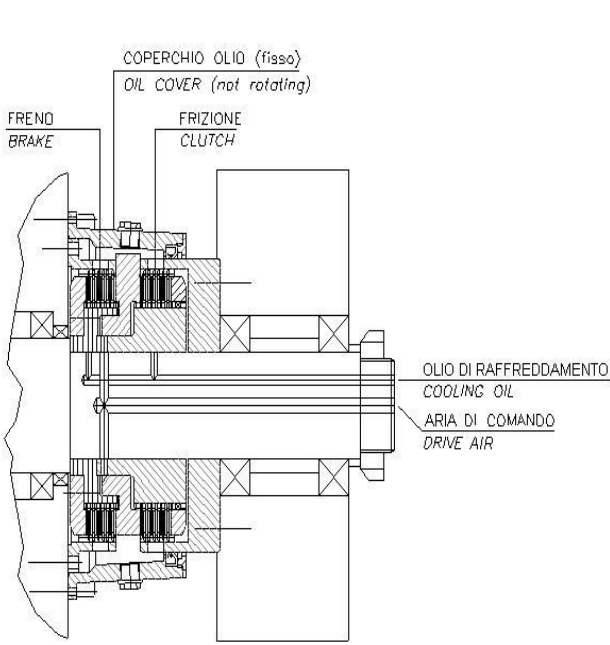
Due to technical updatings, we reserve the right to make changes without previous notice. They will be available on the internet (www.ompisrl.com)

YAĞ SOĞUTMA ÖRNEĞİ - OIL COOLING SAMPLE



YAĞÇIKIŞI (seçenek 1)
OIL EXIT(option 1)

MONTAJ ÖRNEKLERİ MOUNTING EXAMPLES



Boyutlar - Dimensions in mm (inches)

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