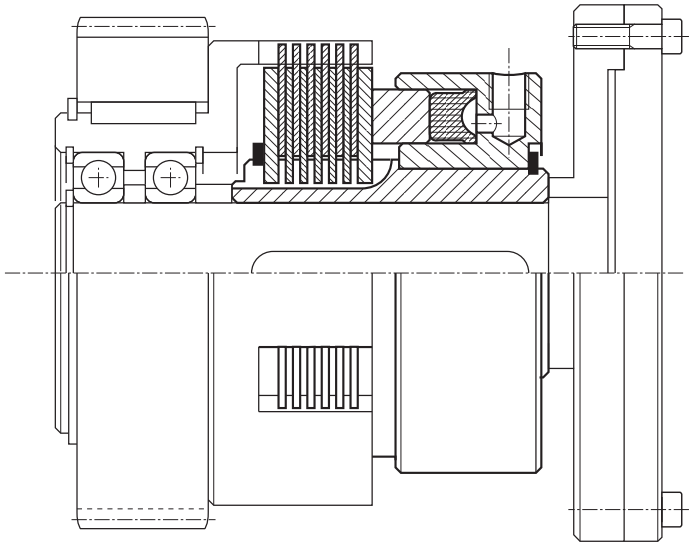
FU IBERICA, s.l.
TRANSMISIÓN DE POTENCIA
Tel. +34 932 681 833 · Fax +34 932 683 292
www.fuiberica.com · fuiberica@fuiberica.com

FRENO HIDRÁULICO MULTIDISCO DIRECTO

IBL/SC



FRENO HIDRÁULICO MULTIDISCO DIRECTO IBL/SC

El freno IBL / SC debe estar conectado a un eje fijo, en el que luego se monta libremente una carcasa de copa: en un lado, esta carcasa de copa se fresa para anclar los discos exteriores del freno. Los componentes móviles a frenar se fijan en el otro lado.

Tienen cilindros fijos con pistones de trabajo, cuyas ventajas se describen completamente en la introducción sobre embragues de cilindros estáticos.

Para su uso en un baño de aceite o en presencia de una neblina de aceite, todos los discos de freno están fabricados en acero.

Para el modelo hidráulico, el tipo de aceite recomendado es el mismo recomendado para embragues.

HYDRAULIC MULTIDISK BRAKES

IBL/SC has to be keyed to a fixed shaft, to which is then freely mounted a cup housing: on one side, this cup housing is milled to anchoring the outer disks of the brake. The moving components to be braked are fixed on the other side.

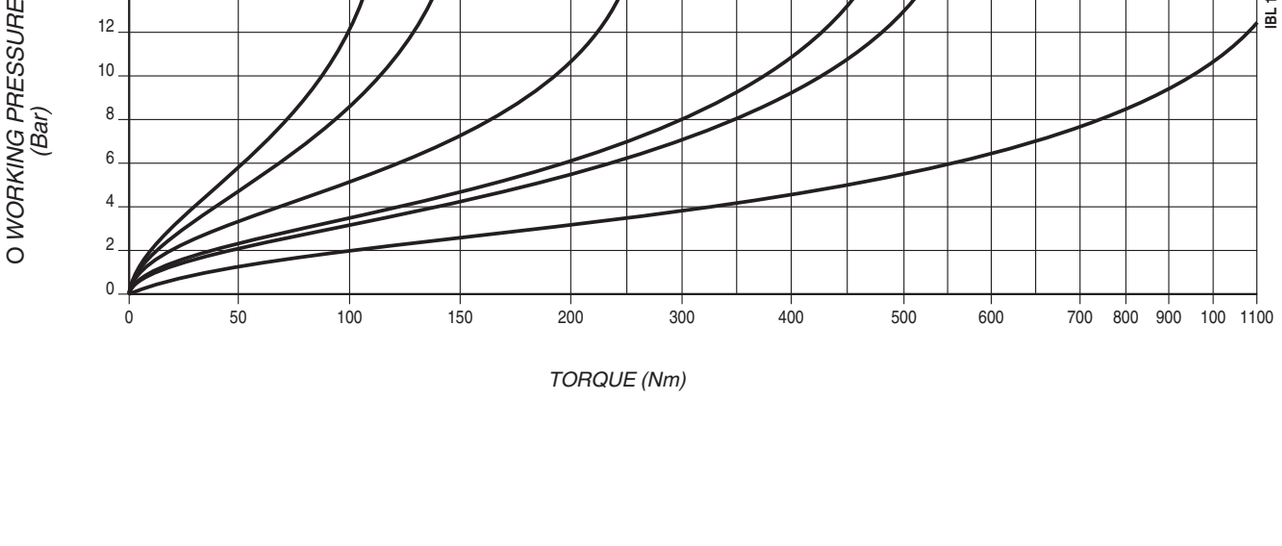
IBL/SC has fixed cylinders with working pistons, the advantages of which are fully described in the introduction regarding static-cylinder clutches.

For usage in an oil bath or in the presence of an oil mist, the brake disks are all made of steel.

For the hydraulic model, the recommended type of oil is the same recommended for clutches.

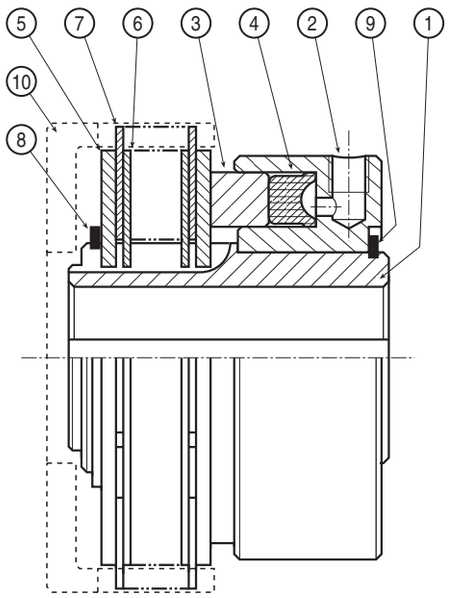
PAR ESTATICO APROXIMADO EN RELACION A LA PRESION DE TRABAJO:

APPROXIMATED DETERMINATION OF STATIC MOMENT IN RELATION TO WORKING PRESSURE.



IBL/SC

HYDRAULIC IN OIL BATH

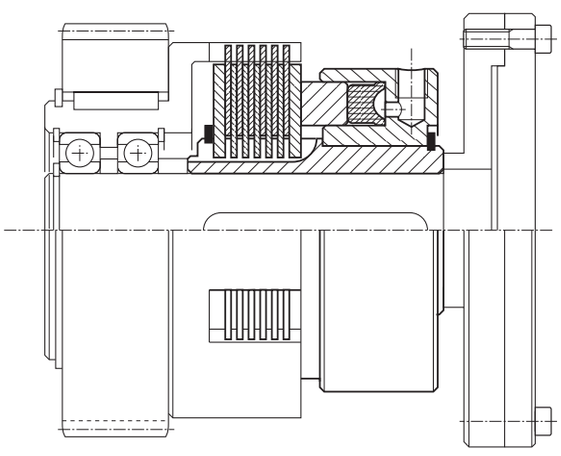


PARTS LIST

1. *CENTRAL HUB*
2. *CYLINDER*
3. *PISTON*
4. *SEAL RING*
5. *HEAD PLATE*
6. *INNER DISK*
7. *OUTER DISK*
8. *SAFETY RING*
9. *SAFETY RING*
10. *CUP HOUSING (ON DEMAND)*

EXAMPLE OF MOUNTING

IBL/SC

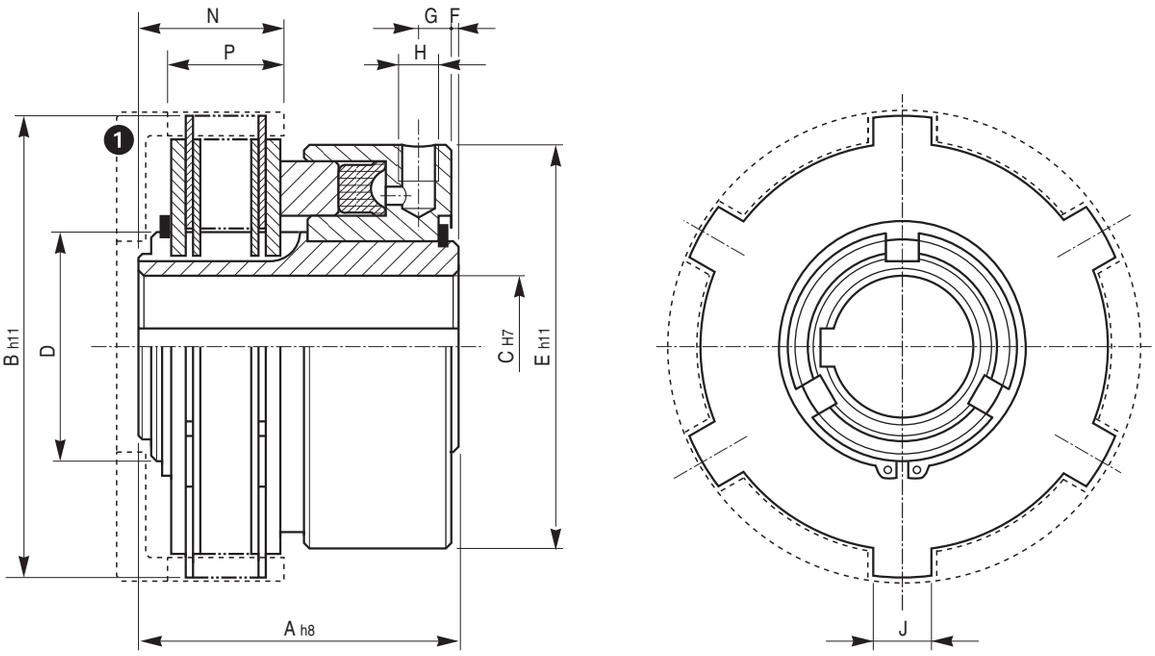


HYDRAULICSTATIC CYLINDER MULKTIDISK BRAKE

IBL .../SC

03

SERIE / *MODEL*	IBL □□/SC
CODICE / *CODE*	03.03.□□.01



□□	Torques		Working pressure	Cylinder volume	R.P.M. limit	Weight	External plates	Cap Housing on demand
	Mi (Nm)	Ms (Nm)	(bar)	(cm^3)	max	(kg)	N.	❶
02	40	70	8	7	3600	2,2	5	C 02.01
04	90	160	8	13	3200	4,5	6	C 05.01
06	180	340	8	16	2800	8,5	8	C 06.01
10	450	750	8	42	2200	18	6	C 10.02

□□	A	B	C min.	C max	D	E	F	G	H	J	N	P	Lugs N.
02	71	89	16	26	33	88	0,5	7	1/8"	12	27,5	21,5	3
04	85	120	20	40	46	112	1	6	1/8"	16	31	25	8
06	99	145	25	48	58	130	1	9	1/4"	16	46	37	8
10	115	218	30	58	70	180	2	10	1/4"	20	63	50	10