

Hydraulic ball bar LBH

Specifications

- Multi-directional movements
- Low rolling resistance
- Hydraulic lifting
- When the die is clamped, the bar exerts no force on the sole ; gravity return
- Manufactured to order, adaptable to your standard DIN 650 or special slots
- Available for DIN 650 T slot 18, 22, 24, 28 and 36
- Can be combined in lines
- Especially suitable for manual die positioning
- Standard working temperature of up to 70 °C, 160 °C with Viton seals



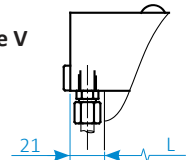
Specifications and dimensions

		LBH 18			LBH 22-24			LBH 28			LBH 36		
DIN slot		18			22 / 24			28			36		
Stroke (mm)		1,5			2			4			6		
N (balls)	L(mm)	Fo(kN)	Vol*(cm ³)	L(mm)	Fo(kN)	Vol*(cm ³)	L(mm)	Fo(kN)	Vol*(cm ³)	L(mm)	Fo(kN)	Vol*(cm ³)	
6	206	2,4	1	270	4,8	2,4	320	9	7,6	380	9	11,3	
8	266	3,2	1,3	350	6,4	3,2	420	12	10,1	500	12	15,1	
10	326	4	1,6	430	8	4	520	15	12,6	620	15	18,9	
12	386	4,8	1,9	510	9,6	4,8	620	18	15,1	740	18	22,6	
16	506	6,4	2,6	670	12,8	6,4	820	24	20,2	980	24	30,2	
20	626	8	3,2	830	16	8,1	1020	30	25,2	1220	30	37,7	
24	746	9,6	3,8	990	19,2	9,7	1220	36	30,2	1460	36	45,3	
29	-	-	-	-	-	-	1470	43,5	36,5	-	-	-	
30	-	-	-	1230	24	12,1	-	-	-	-	-	-	
36	-	-	-	1470	28,8	14,5	-	-	-	-	-	-	

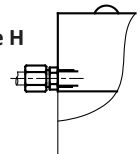
Supply options

G 1/8" or UNF 7/16"

Type V



Type H



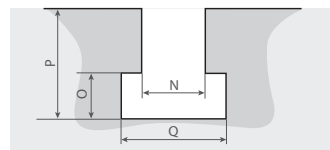
*Vol: max oil volume

Pressure : 100 bars. Pressure must be limited to 150 bars.

Fo: at 0.5 mm above the table

To calculate the dynamic load for each ball, please refer to technical sheet 010-00.

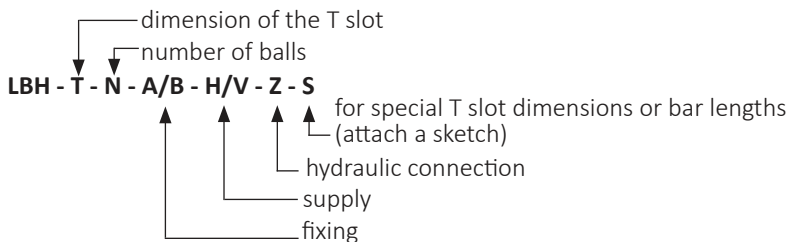
DIN 650 T-slots



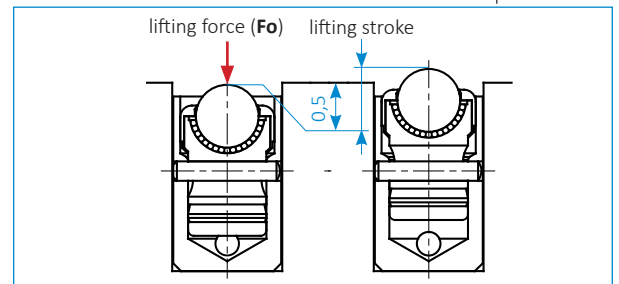
N	18	22	24	28	36
O	12	16	18	20	25
P	30	38	42	48	60
Q	30	37	42	46	56

Check the standard or special T slot dimensions before placing the purchase order. Specific dimensions on request.

Purchase order reference

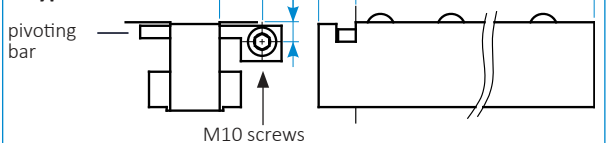


Examples: LBH 28 - 10 B H G (standard model)
LBH 28 -10 A V UNF S (specific model)

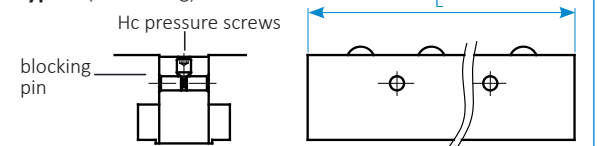


Fixing options

Type A



Type B (usual fixing)



All dimensions are in millimeters.

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