

LHS-L



APPLICATION

Pneumatic actuation of power chucks/collet chucks with through-hole.

Hollow clamping cylinders for actuation pressures from 1.5-8 bar.

CUSTOMER BENEFITS

- Short design and low weight ensure small machine spindle load and also allow high speeds
 Thanks to the large through-hole, optimally suited for machining bar material
 Operational safety thanks to safety mechanism, guaranteed even if there is a pressure drop during spindle rotation

TECHNICAL FEATURES

- Stroke control via inductive proximity switches (not included in the scope of
- delivery)
 Coolant collector
 Can also be actuated during rotation



Accessories:

Connection for supply and drain hoses

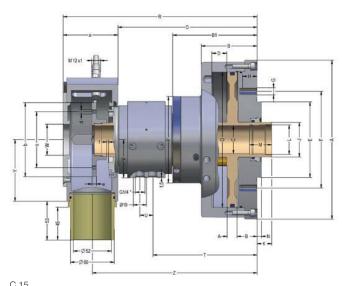
Special accessories:

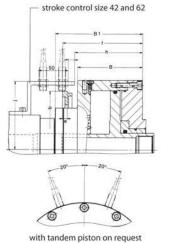
2 inductive proximity switches piece/item no. 381551 (opener) or 2 inductive proximity switches piece/item no. 202759 (closer)

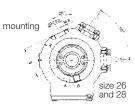
With tandem piston on request.



LHS-L







C 15 **Air actuating cylinders with through-hole LHS-L with safety valve** The coolant collection shell (sizes 26 and 38) must be held centrically by a bracket on the machine

Item no.	417310 ▲	417311 ▲	417312 ▲
Size	26/190	38/251	42/289
A mm	187	215	235
B mm	76	78	
			109,7
B1 mm	110	110	147,5
C mm	26,2	38,2	42
Stroke D mm	20	20	32
E-0,01 mm	70	103	103
F mm	105	132	145
G	6 x M 8	6 x M 10	8 x M 8
H mm	15	20	20
J mm	38	50	57
K max.	20	20	20
K min.	0	0	-12
L	M 32 x 1,25	M 44 x 1,5	M 52 x 1,5
M mm	25	30	30
N mm	5	6	6
O mm	160	185	200
P mm	106	118	140
Q mm	197	198	263,7
R mm	275	273	337,7
Smm	210	211	283,5
T mm	141	140	188
U mm	23	23	28,5
V mm	46	52	60
W mm	42	42	51
X mm	130	151	151
Y mm	73,5	84	84
Z mm	233,5	233	297,7
a mm	78	75	74
b mm	77	101	197
c mm	61	76	-
d	4 x M 6	4 x M 6	
e mm	7,5	7,5	8
			135
f max.	22,5	22,5	167
f min.	2,5	2,5	
g mm	62	72	-
h mm	-	-	114,7
j mm			115
Piston area A cm2	189,7	249,1	288,6
Piston area B cm2	190,9	251,4	291,3
Eff. draw bar pull (F=6 bar) kN	10,47	13,75	15,90
Max. admissible speed min-1	6500	6500	4000
Volume for full double stroke I	0,762	1	1,9
Moment of inertia J kgm2	0,03	0,06	0,102
Weight approx. kg	11,8	16	25,5

When working with high and low pressure, the release of the safety valve is guaranteed for clamping pressure: unclamping pressure ≤ 2:1

6135 ▲ on request