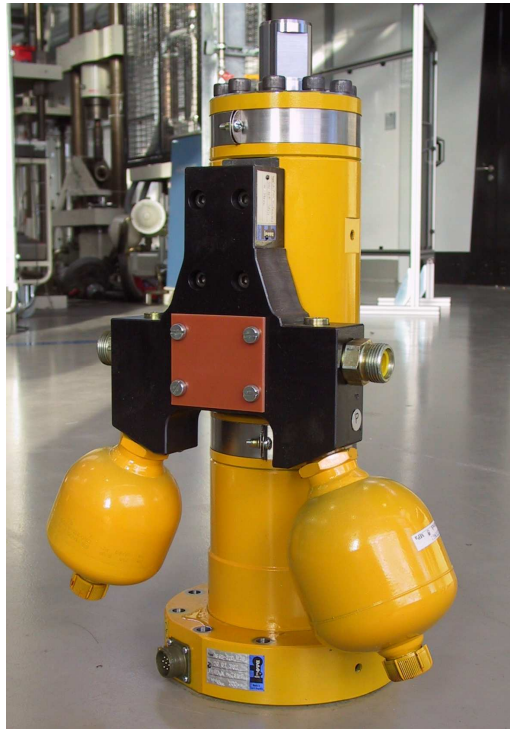




Linear actuators series AS

Product description



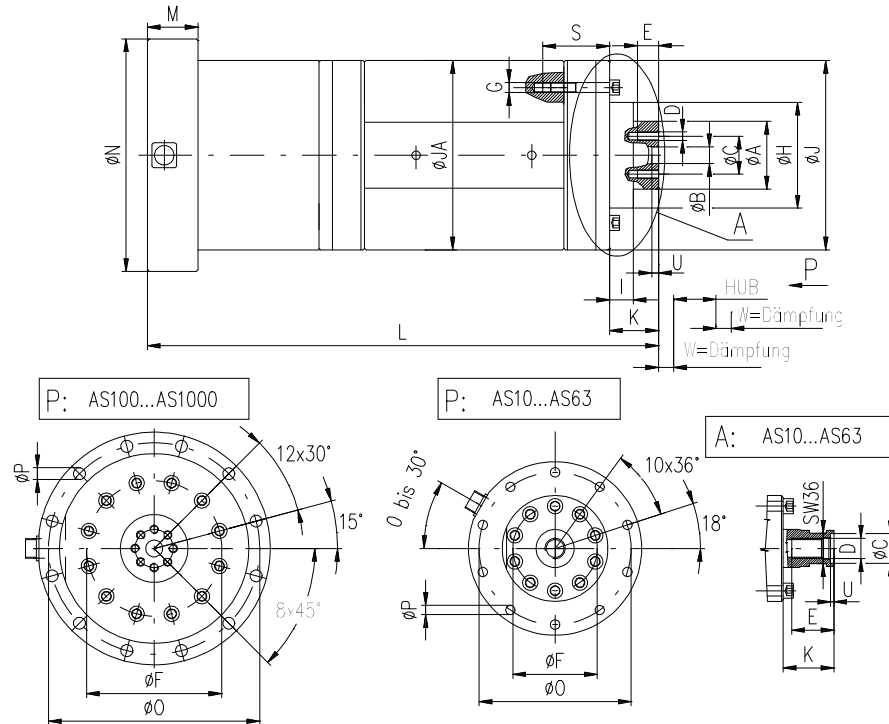
Hydraulic actuators series AS are hydrostatic beared, double acting actuators, best for dynamic material and component testing. The actuators have hydrostatic bearings for no friction and no hysteresis operation up to there nominal load. Additional plastic coating ensures no damaging of the bearings if the nominal side load is exceeded. The system pressure for the series AS actuators is 280 bar. The actuator will reach its nominal load at 250 bar. The actuators have an integrated displacement transducer for measure the piston rod position.

The mechanical interfaces (lower flange, upper flange, piston rod etc.) of linear actuators series AS are 100% compatible to Schenck / IST actuators series PL

Options

- Internal drain for operation without leakage pump
- Enlarged end cushions
- strengthened piston rod
- piston rod rotation lock
- Non standard stroke and load on request
- Servovalves SV
- Valve plates SC
- Flushing plate
- Joints JC, JB
- Multivalves MV
- accumulators XA
- Servovalve dummy plate
- Leakage pump

Specifications



Type		AS 10 / 63	AS 100 / 160	AS 250 / 400	AS 630	AS 1000
Nominal load	kN	10, 16, 20, 25, 40, 50, 63	100, 160	250, 400	630	1000
A	mm	Ø45	Ø80	Ø125	Ø160	Ø200
B	mm	-	Ø20H7	Ø40H7	Ø40H7	Ø40H7
C	mm	Ø35H7	Ø45	Ø71	Ø112	Ø112
D	mm	M24	8xM10	8xM16	8xM24	8xM24
E	mm	50	25	30	45	45
F	mm	Ø100	Ø160	Ø224	Ø280	Ø355
G	mm	10xM12	12xM12	12xM16	12xM20	12xM24
H	mm	-	Ø125g7	Ø190g7	Ø236g7	Ø300g7
I	mm	-	28	39	50	50
J	mm	Ø125	Ø224	Ø280	Ø360	Ø430
JA	mm	Ø126	Ø224	Ø280	Ø360	Ø430
K	mm	60	58	69	80	80
L _{100 stroke}	mm	539	605	605	705	705
L _{250 stroke}	mm	829	905	905	1005	1005
L _{400 stroke}	mm	1129	1205	1205	1305	1305
M	mm	50	60	70	80	90
N	mm	Ø205	Ø275	Ø370	Ø470	Ø550
O	mm	Ø180	Ø250	Ø335	Ø425	Ø500
P	mm	10xØ11	12xØ14	12xØ18	12xØ22	12xØ26
S	mm	71	79	90	109	132
U	mm	4	8	8	8	8
W	mm	18	18	8	5	5
weight						
L _{100 stroke}	kg	35	155	295	500	740
L _{250 stroke}	kg	65	240	435	730	1060
Max. radial load by extended Piston rod						
L _{100 stroke} - F _Q	kN	2,5	11	33	65	105
L _{250 stroke} - F _Q	kN	0,7	5	22	55	88

subject to change without notice