

Bettis BL

Hydraulic Double-Acting Linear Actuators

Technical Data

Working pressure: 135 bar / 2000 psi

Test pressure: 1.5 x working pressure to a maximum of 250 bar / 3600 psi

Temperature range: -20° to +80°C / -5° to +180°F

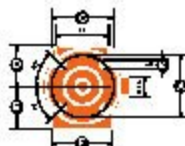
Closing thrust: 17000 - 92500N / 12500-68000lbf

Viscosity of hydraulic oil: 15 to 200 cSt

For intermediate position and fail set operation for globe valves

Features

- unique and simple design with integrated crossover valve
- Easy installation on intermediate flange of globe valve
- Same unit for various size valves
- water ingress protection - IP68
- no external moving parts
- Design ready for control functions
- Direct visual indication
- integrated anti-creep design



Thrust	lbf	n
Weight	kg	kg
Displacement	cu.in.	litre
Dimension	inches	mm

Model	Thrust 1000psi (100bar)	Thrust 1350psi (125bar)	Stroke	Weight	Displacement	Dimension Side View													Dimension Front View												
						A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T	U						
BL 65	2071	2822	0.8	30	1	2.48	0.25	2.25	1.8	-	1.25	1.42	2.38	0.8	0.59	6.02	6.22	-	2.25	0.79	0.25	1.22	0.8	2.49							
BL 1125	12600	11000	1.625	4.5	0.021	62	9	60	41.5	-	24.5	26	76	71	75	152	159	-	60	20	9	22.5	22	62							
BL 2250	6285	7689	1.32	75	5	2.25	0.25	2.0	1.8	2.05	2.62	1.8	1.65	2.38	0.75	0.79	1.48	1.25	1.71	2.48	0.25	1.22	0.8	2.49							
	26000	25000	21.25	1	0.062	75	9	70	52	72	42.5	42	50	79	20	169	202	45	91.5	25	9	22.5	22	62							
	16625	20125	2.45	52	25	4.45	0.25	2.35	2.3	2.0	2.62	2.38	2.62	5.51	0.8	1.28	11.31	12.64	2.25	6.30	1.28	0.25	1.22	0.8	2.49						
	14000	22500	62.5	24	0.426	116	78	70	64	79	72	72	140	22	25	299	221	60	155	20	9	22.5	22	62							

