

PHL SERIES

Single-acting telescopic hoist cylinders



01 Cylinder range

25 Phoenix models covering 6, 7, 8 and 9-inch nominal bore groups, with three-, four- and five-stage model designations.

02 Pin-to-pin mounting

Choose by bore size, stroke, number of stages and nominal pin sizes. Confirm the final mounting arrangement before ordering.

03 Clear model identification

Each cylinder has a Phoenix model number identifying its bore group, stage count and stroke designation.

04 Supply and repair support

Phoenix Hydraulics supplies hoist cylinders and provides cylinder inspection, repair and testing services.

Pin-mounted cylinder specifications

Dimensions in inches unless stated otherwise



9-INCH BORE GROUP

Phoenix model	Bore (in)	Stroke (in)	Closed length (in)	Stages	Rod-end pin nominal (in)	Base-end pin nominal (in)
PHL-B9-S5-ST340	9	338.94	90.43	5	2.00	2.00
PHL-B9-S5-ST320	9	319.88	86.61	5	2.00	2.00
PHL-B9-S5-ST300	9	299.88	82.63	5	2.00	2.00
PHL-B9-S5-ST280	9	279.88	78.63	5	2.00	2.00
PHL-B9-S5-ST265	9	264.88	75.63	5	2.00	2.00
PHL-B9-S5-ST250	9	249.88	72.63	5	2.00	2.00
PHL-B9-S5-ST235	9	232.75	65.00	5	2.00	2.00
PHL-B9-S5-ST220	9	219.63	60.88	5	2.00	2.00

8-INCH BORE GROUP

Phoenix model	Bore (in)	Stroke (in)	Closed length (in)	Stages	Rod-end pin nominal (in)	Base-end pin nominal (in)
PHL-B8-S5-ST285	8	284.25	78.50	5	2.00	2.00
PHL-B8-S5-ST280	8	279.53	77.50	5	2.00	2.00
PHL-B8-S5-ST265-L	8	264.25	74.38	5	2.00	2.00
PHL-B8-S5-ST265-S	8	263.78	70.88	5	2.00	2.00
PHL-B8-S5-ST250	8	249.25	68.00	5	2.00	2.00
PHL-B8-S5-ST235	8	235.00	65.00	5	2.00	2.00
PHL-B8-S5-ST220	8	218.63	59.88	5	2.00	2.00
PHL-B8-S5-ST190	8	188.63	53.88	5	2.00	2.00

Pin-mounted cylinder specifications

Dimensions in inches unless stated otherwise



7-INCH BORE GROUP

Phoenix model	Bore (in)	Stroke (in)	Closed length (in)	Stages	Rod-end pin nominal (in)	Base-end pin nominal (in)
PHL-B7-S4-ST175	7	175.00	59.50	4	2.00	2.00
PHL-B7-S4-ST161	7	160.20	54.61	4	2.00	2.00
PHL-B7-S4-ST156	7	156.38	53.35	4	2.00	2.00
PHL-B7-S4-ST135	7	134.69	48.27	4	2.00	2.00

6-INCH BORE GROUP

Phoenix model	Bore (in)	Stroke (in)	Closed length (in)	Stages	Rod-end pin nominal (in)	Base-end pin nominal (in)
PHL-B6-S4-ST156-D	6	155.75	52.36	4	2.00	2.00
PHL-B6-S4-ST156-A	6	155.75	52.36	4	1.50	1.75
PHL-B6-S3-ST140	6	140.63	59.75	3	2.00	2.00
PHL-B6-S3-ST120	6	120.25	53.00	3	2.00	2.00
PHL-B6-S3-ST108	6	108.39	49.02	3	2.00	2.00