



'CH' Series High Pressure Cylinder

For Pet Blow Moulding Machines



Mechanical Characteristic

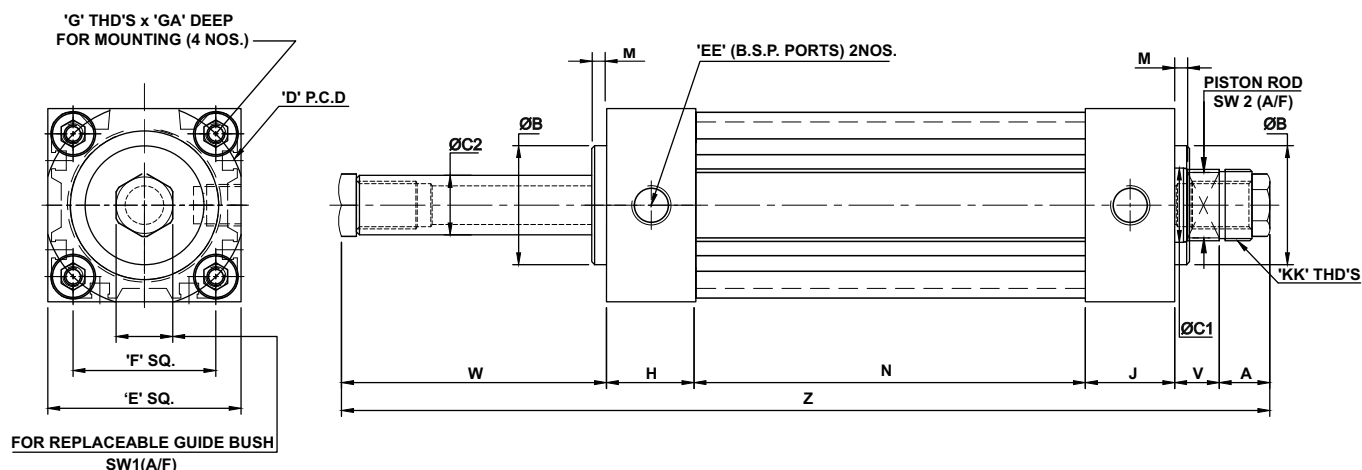
Barrel	: Aluminium (for Ø50 to Ø100)
	: Mild Steel (for Ø125)
Piston Rod	: Carbon Steel
End Cover & Piston	: Aluminium
Seal	: Nitrile Rubber
Bore	: Ø50, Ø63, Ø80, Ø100 & Ø125mm

Operating Conditions

Media	: Air (filtered 40µ & lubricated)
Temperature Range	: +5° to +50°C
Pressure Range	: 1 to 20 bar
Leakage	: Bubble Tight



CH50 CYLINDER :



MODEL No.	PISTON Ø (mm)	A	ØB	ØC1	ØC2	D (P.C.D.)	E SQ.	EE (B.S.P.)	F SQ.	G	GA	H	J	KK	M	N	SW 1	SW 2	V	W	Z
CH50-25(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	81	19	22	15	39	211
CH50-50(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	106	19	22	15	64	261
CH50-75(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	131	19	22	15	89	311
CH50-100(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	156	19	22	15	114	361
CH50-115(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	171	19	22	15	129	391
CH50-125(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	181	19	22	15	139	411
CH50-150(XX)HP	50	16	40	25	20	68.00	65	1/4"	48	M6	17	30	30	M24x1.5	5	206	19	22	15	164	461

NOTE :- XX = Ø10, Ø12 AS PER CUSTOMER REQUIREMENT

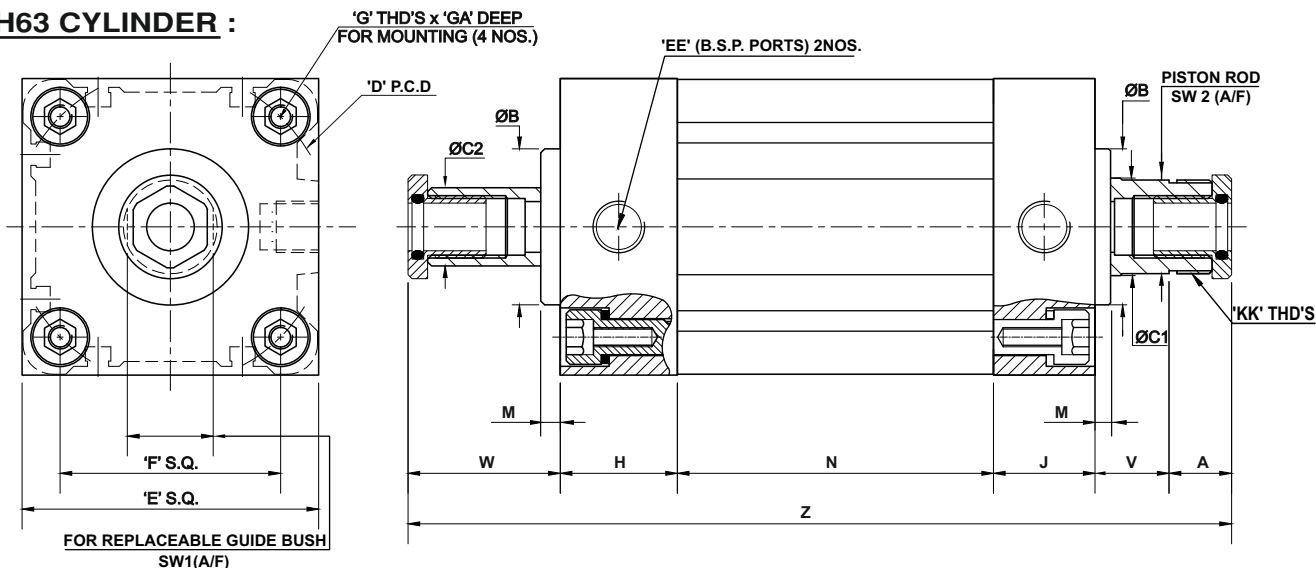


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MERCURY

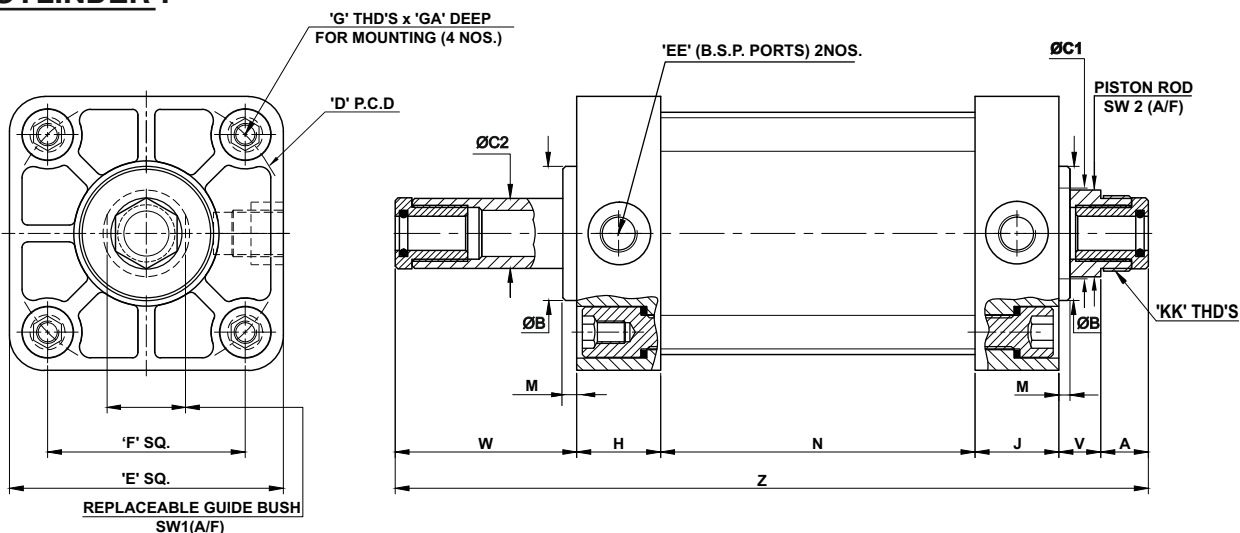
CH63 CYLINDER :



MODEL No.	PISTON Ø (mm)	A	ØB	ØC1	ØC2	D (P.C.D.)	E S.Q.	EE (B.S.P.)	F S.Q.	G	GA	H	J	KK	M	N	SW 1	SW 2	V	W	Z
CH63-25(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	81	19	22	15	39	211
CH63-50(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	106	19	22	15	64	261
CH63-100(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	156	19	22	15	114	361
CH63-115(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	171	19	22	15	129	391
CH63-125(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	181	19	22	15	139	411
CH63-150(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	206	19	22	15	164	461
CH63-200(XX)HP	63	16	40	25	20	80.00	76	1/4"	56.5	M6	17	30	26	M24x1.5	4	256	19	22	15	214	561

NOTE :- XX = Ø10, Ø12 AS PER CUSTOMER REQUIREMENT

CH80 CYLINDER :



MODEL No.	PISTON Ø (mm)	A	ØB	ØC1	ØC2	D (P.C.D.)	E S.Q.	EE (B.S.P.)	F S.Q.	G	GA	H	J	KK	M	N	SW 1	SW 2	V	W	Z
CH80-25(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	87.5	22	28	16	39.00	217.5
CH80-40(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	102.5	22	28	16	54.00	247.5
CH80-50(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	112.5	22	28	16	64.00	267.5
CH80-100(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	162.5	22	28	16	114.0	367.5
CH80-115(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	177.5	22	28	16	129.0	397.5
CH80-130(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	192.5	22	28	16	144.0	427.5
CH80-150(XX)HP	80	16	48	32	25	100.00	98	1/4"	70.7	M8	15	30	29	M27x2.0	4	212.5	22	28	16	164.0	467.5

NOTE :- XX = Ø12, Ø14, Ø16 AS PER CUSTOMER REQUIREMENT

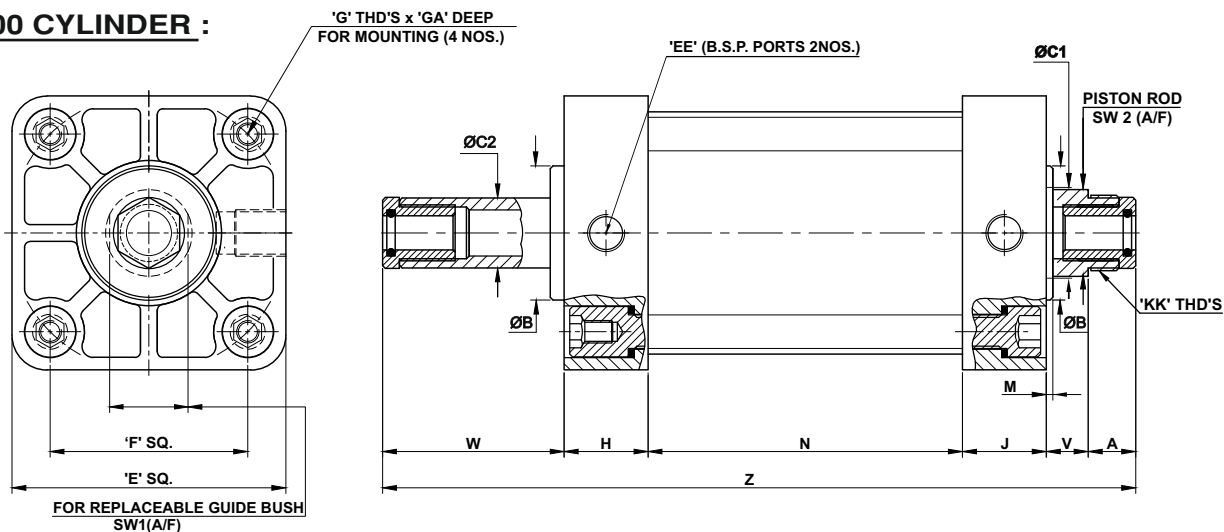


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MERCURY

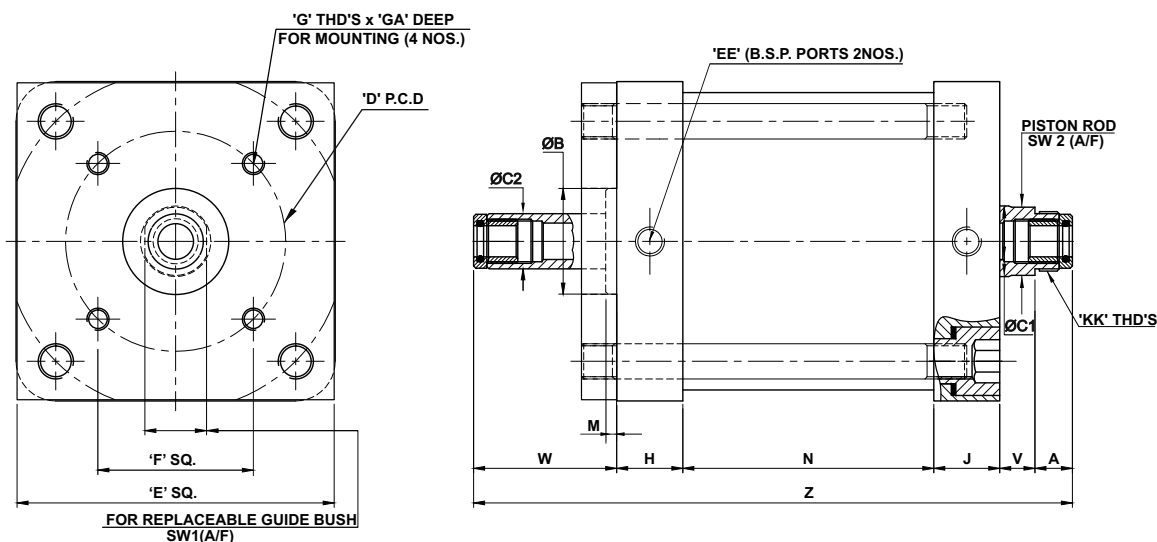
CH100 CYLINDER :



MODEL No.	PISTON Ø (mm)	A	ØB	ØC1	ØC2	D (P.C.D.)	E SQ.	EE (B.S.P.)	F SQ.	G	GA	H	J	KK	M	N	SW 1	SW 2	V	W	Z
CH100-25(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	87.8	22	28	17	38.7	217.5
CH100-50(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	112.8	22	28	17	63.7	267.5
CH100-60(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	122.8	22	28	17	73.7	287.5
CH100-100(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	162.8	22	28	17	113.7	367.5
CH100-115(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	177.8	22	28	17	128.7	397.5
CH100-125(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	187.8	22	28	17	138.7	417.5
CH100-130(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	192.8	22	28	17	143.7	427.5
CH100-150(XX)HP	100	16	48	32	25	132.00	118	1/4"	93.3	M8	15	30	28	M27x2.0	2	212.8	22	28	17	163.7	467.5

NOTE :- XX = Ø12, Ø14, Ø16 AS PER CUSTOMER REQUIREMENT

CH125-50 CYLINDER :



MODEL No.	PISTON Ø (mm)	A	ØB	ØC1	ØC2	D (P.C.D.)	E SQ.	EE (B.S.P.)	F SQ.	G	GA	H	J	KK	M	N	Sw1	Sw2	V	W	Z
CH125-50(XX)HP	125	11	48	32	25	100.00	145	1/4"	109	M10	16	30	30	M30x2.0	5	114	22	28	16	58	259

NOTE :- XX = Ø12, Ø14, Ø16, Ø20 AS PER CUSTOMER REQUIREMENT

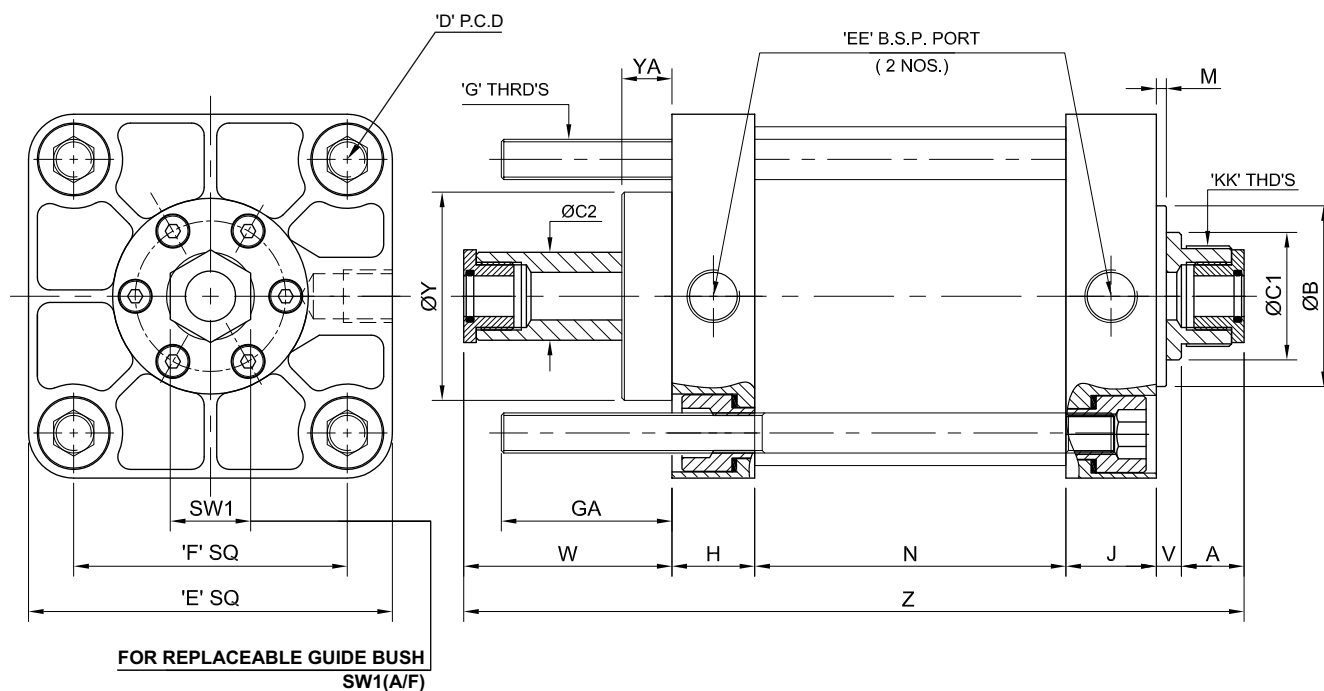


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MERCURY

CH125-60 CYLINDER :



MODEL No.	PISTON Ø (mm)	A	ØB	ØC1	ØC2	D (P.C.D.)	E SQ.	EE (B.S.P.)	F SQ.	G	GA	H	J	KK	M	N	SW1	V	W	ØY	YA	Z
CH125-60(XX)HP	125	25	72	50.8	35	154.00	145	1/2"	109	M16 x 2	68	33	36	M40 x 2	4	124	32	10	83	83	20	311

NOTE :- XX = Ø12, Ø14, Ø16, Ø20 AS PER CUSTOMER REQUIREMENT