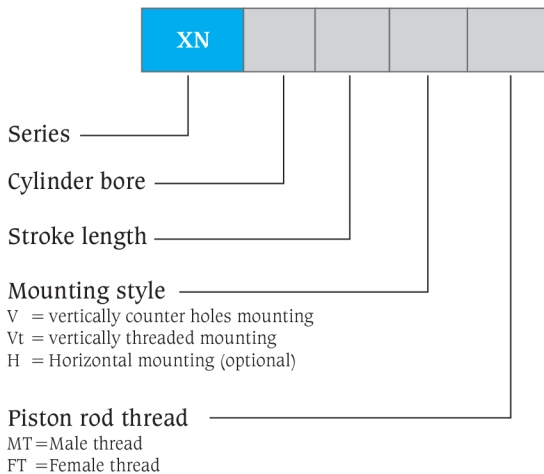


Cylinder selection guide

Operating pressure at kg/sq. cm				Theoretical forces (at mechanical efficiency = 100%)							
				50		100		160		200	
Piston dia mm	Rod dia mm	Piston area sq. cm	Rod area sq. cm	Push kgf	Pull kgf	Push kgf	Pull kgf	Push kgf	Pull kgf	Push kgf	Pull kgf
25	16	4.91	2.01	245.46875	144.92	490.9375	289.85	785.5	463.76	981.875	579.70
32	20	8.04	3.14	402.18	245.08	804.35	490.15	1286.96	784.24	1608.704	980.30
40	25	12.57	4.91	628.40	382.93	1256.80	765.86	2010.88	1225.38	2513.60	1531.73
50	32	19.64	8.04	981.875	579.70	1963.75	1159.40	3142	1855.04	3927.5	2318.80
63	35	31.18	9.62	1558.8248	1077.71	3117.6495	2155.41	4988.2392	3448.66	6235.299	4310.82
80	45	50.27	15.91	2513.60	1718.28	5027.20	3436.5625	8043.52	5498.50	10054.40	6873.125
100	56	78.55	24.63	3927.50	2695.84	7855.00	5391.67	12568.00	8626.68	15710.00	10783.34

Ordering details for XN series compact hydraulic cylinders



Example

XN series hydraulic cylinder with bore 50mm, stroke 15mm, mounting VT, piston rod threads male will be specified as

XN	50	15	VT	MT
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All dimensions are in millimeters unless otherwise stated.