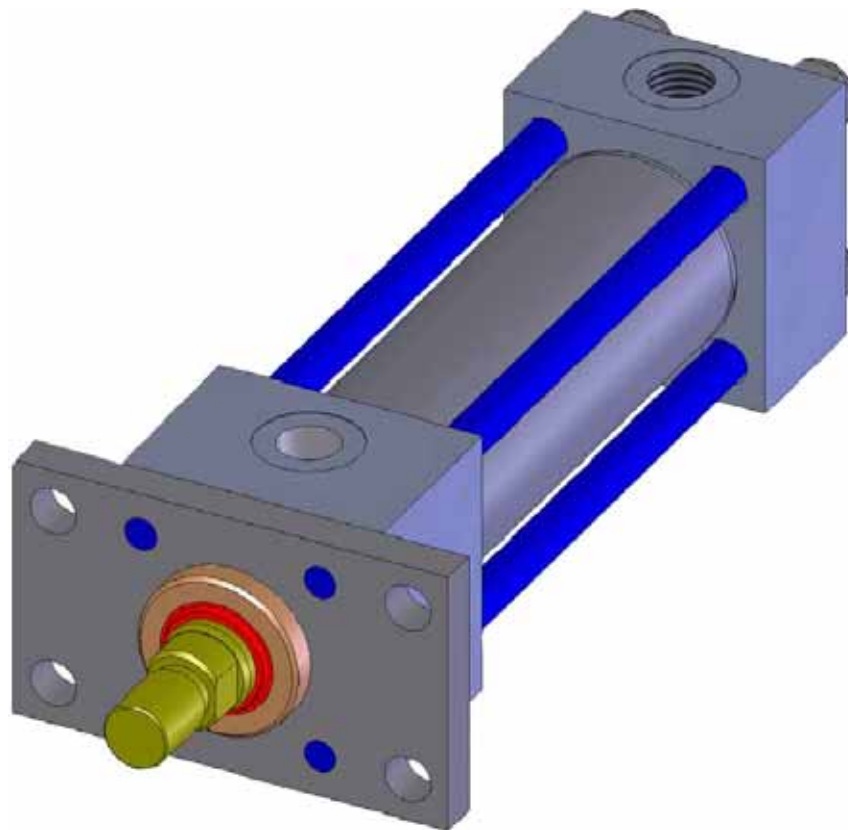


fabricación normalizada de cilindros.



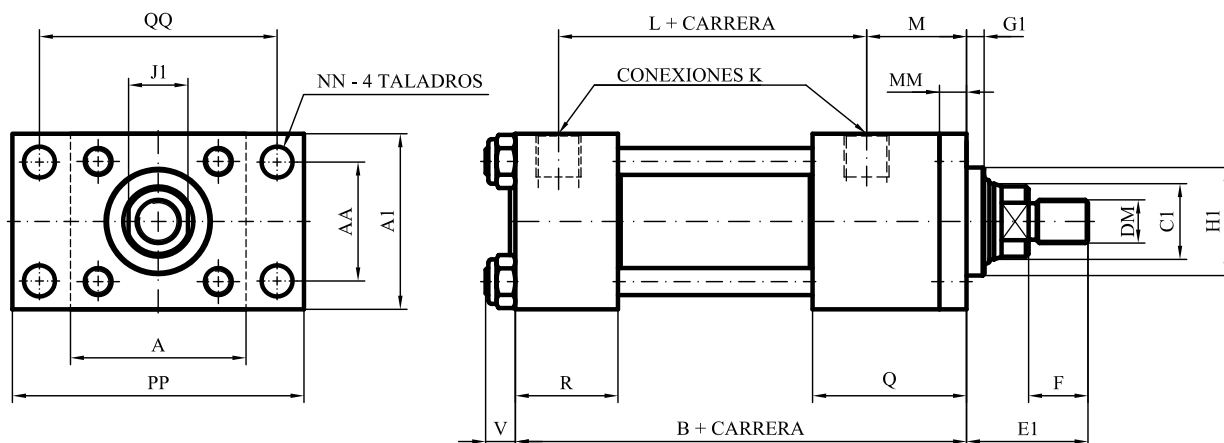
Referencia
mostrada:
en portada

AP-PRD-100/70-500-PT-AA

Serie AP(tirantes)						*
Tipo fijación						**
Ø Interior tubo						carrera
Ø vástago						

*
AD Amort.Delantera
AT Amort.Trasera
AA Amort.Ambos lados
- Sin amort.

** Tipo Juntas
PT Baja fricción
PJ Collarines
PV Vitón



DIMENSIONES

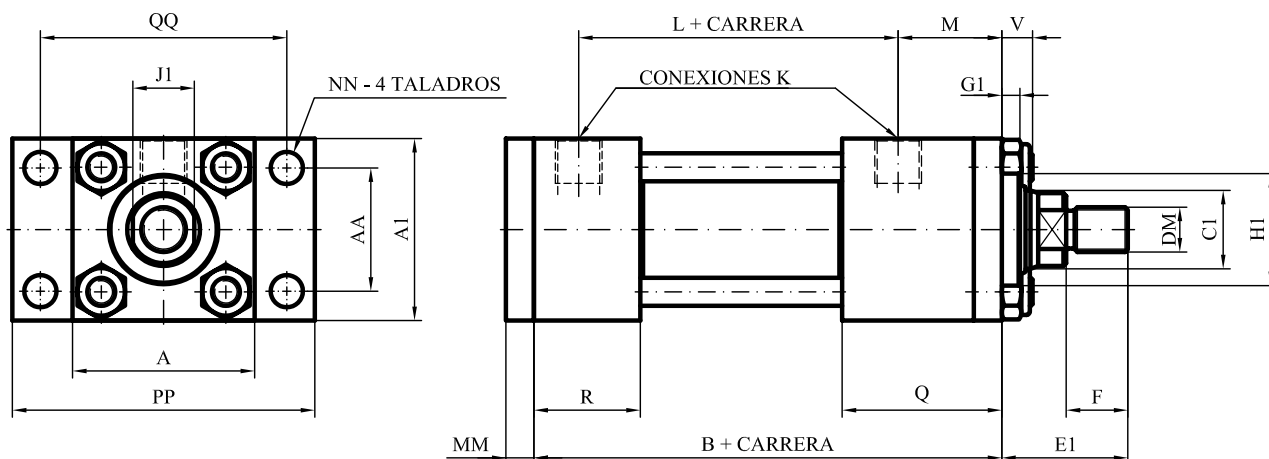
Ø Pist.	C1 Ø Vast	A	A1	E1	F	G1	H1 ¹⁸	J1	K	M	Q	R	V	AA	DM	NN	MM	PP	QQ
40	22	65	65	45	22	6.5	40	17	G 3/8"	37	57	38	11	44	M16 x1.5	11.5	10	108	88
	28																		
50	28	75	75	46	22	8	48	22	G 3/8"	44	66	38	14	55	M20 x1.5	14	16	130	105
	36																		
63	36	90	90	62	38	8	59	30	G 1/2"	45	66	38	14	65	M24 x1.5	14	16	143	118
	45																		
80	45	110	114	63	38	8	70	38	G 3/4"	53	79	48	17	82	M33 x2	18	19	181	150
	56																		
100	56	130	130	73	51	4	85	48	G 3/4"	69	95	48	17	98	M39 x2	18	30	194	162
	70																		
125	70	160	165	85	59	5	105	60	G 3/4"	83	110	48	24	126	M48 x2	23	37	248	208
	90																		

CARRERA MÁXIMA EN mm.

Ø Pist.	Ø Vast	Presión en bar			
		35	70	105	140
40	22	1500	1000	850	700
	28	2700	1800	1400	1200
50	28	2000	1770	1200	970
	36	3500	3000	2000	1670
63	36	1000	700	600	500
	45	2400	1150	900	800
80	45	3500	2300	1800	1500
	56	5400	3800	3000	2700
100	56	1500	1000	850	750
	70	2350	1600	1400	1200
125	70	2000	1400	1100	900
	90	3100	2300	1800	1500

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

Ø Pist.	Cons.	0 a					
		1000	1250	1500	1750	2000	2500
40	B	128	153	178	203	228	278
	L	75	100	125	150	175	225
50	B	143	168	193	218	243	293
	L	80	105	130	155	180	230
63	B	146	171	196	221	246	296
	L	84	109	134	159	184	234
80	B	176	201	226	251	276	326
	L	103	128	153	178	203	253
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261
125	B	230	255	280	305	330	380
	L	126	151	176	201	226	276



DIMENSIONES

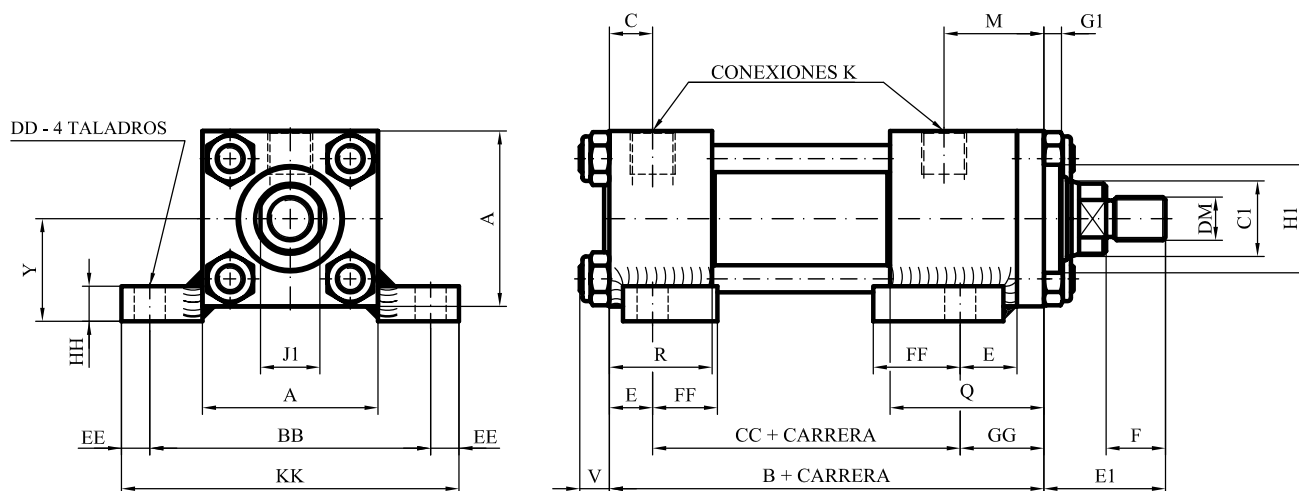
Ø Pist.	C1 Ø Vast	A	A1	E1	F	G1	H1 ^{f8}	J1	K	M	Q	R	V	AA	DM	NN	MM	PP	QQ
40	22	65	65	45	22	6.5	40	17	G 3/8"	37	57	38	11	44	M16 x1.5	11.5	10	108	88
	22																		
50	28	75	75	46	22	8	48	22	G 3/8"	44	66	38	14	55	M20 x1.5	14	16	130	105
	30																		
63	36	90	90	62	38	8	59	30	G 1/2"	45	66	38	14	65	M24 x1.5	14	16	143	118
	38																		
80	45	110	114	63	38	8	70	38	G 3/4"	53	79	48	17	82	M33 x2	18	19	181	150
	48																		
100	56	130	130	73	51	4	85	48	G 3/4"	69	95	48	17	98	M39 x2	18	30	194	162
	60																		
125	70	160	165	85	59	5	105	60	G 3/4"	83	110	48	24	126	M48 x2	23	37	248	208
	78																		

CARRERA MÁXIMA EN mm.

Ø Pist.	Ø Vast	Presión en bar			
		35	70	105	140
40	22	700	500	400	350
	28	1250	800	650	550
50	28	960	830	560	450
	36	1670	1400	975	780
63	36	1400	1000	780	670
	45	3200	1500	1200	1000
80	45	1600	1150	900	800
	56	2500	1800	1500	1200
100	56	2000	1400	1200	1000
	70	3150	2200	1800	1600
125	70	2600	1800	1400	1200
	90	4100	3000	2400	2000

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

Ø Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	153	---	---	---	---
	L	75	100	---	---	---	---
50	B	143	168	193	218	---	---
	L	80	105	130	155	---	---
63	B	146	171	196	221	246	296
	L	84	109	134	159	184	234
80	B	176	201	226	251	276	326
	L	103	128	153	178	203	253
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261
125	B	230	255	280	305	330	380
	L	126	151	176	201	226	276



DIMENSIONES

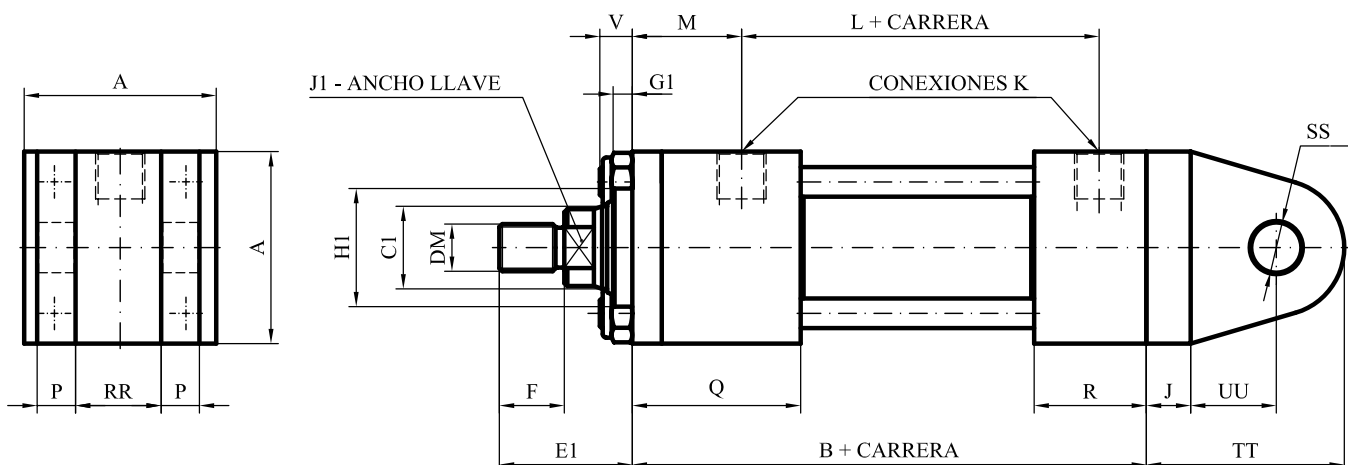
Ø Pist.	C1 Ø Vast.	A	C	E	E1	F	G1	H1	J1	K	M	Q	R	V	Y	BB	DD	EE	FF	GG	HH	KK	DM
40	22	65	16	16	45	22	6.5	40	17	G 3/8"	37	57	38	11	38	104	11.5	10.5	24	26	13	125	M16 x1.5
	22																						
50	28	75	19	20	46	22	8	48	22	G 3/8"	44	66	38	14	45	119	14	13	32	36	22	145	M20 x1.5
	30																						
63	36	90	17	27	62	38	8	59	30	G 1/2"	45	66	38	14	55	142	18	19	40	43	27	180	M24 x1.5
	38																						
80	45	110	20	30	63	38	8	70	38	G 3/4"	53	79	48	17	67	172	23	20	40	49	27	212	M33 x2
	48																						
100	56	130	20	34	73	51	4	85	48	G 3/4"	69	95	48	17	76	199	27	24	51	64	35	247	M39 x2
	60																						
125	70	160	21	34	85	59	5	105	60	G 3/4"	83	110	48	24	97	240	27	22.5	51	71	35	285	M48 x2
	78																						

CARRERA MÁXIMA EN mm.

Ø Pist.	Ø Vast.	Presión en bar			
		35	70	105	140
40	22	1500	1000	850	700
	28	2700	1800	1400	1200
50	28	2000	1770	1200	970
	36	3500	3000	2000	1670
63	36	3000	2000	1600	1400
	45	6800	3300	2600	2300
80	45	3500	2300	1800	1500
	56	5400	3800	3000	2700
100	56	4300	3000	2500	2100
	70	6700	4800	3900	3400
125	70	5700	3900	3000	2600
	90	8900	6700	5200	4400

VALORES DE B y CC EN FUNCIÓN DE LA CARRERA

Ø Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	153	178	203	228	278
	cc	86	111	136	161	186	236
50	B	143	168	193	218	243	293
	cc	87	112	137	162	187	237
63	B	146	171	196	221	246	296
	cc	76	101	126	151	176	226
80	B	176	201	226	251	276	326
	cc	97	122	147	172	197	247
100	B	200	225	250	275	300	350
	cc	102	127	152	177	202	252
125	B	230	255	280	305	330	380
	cc	132	157	182	207	232	282



DIMENSIONES

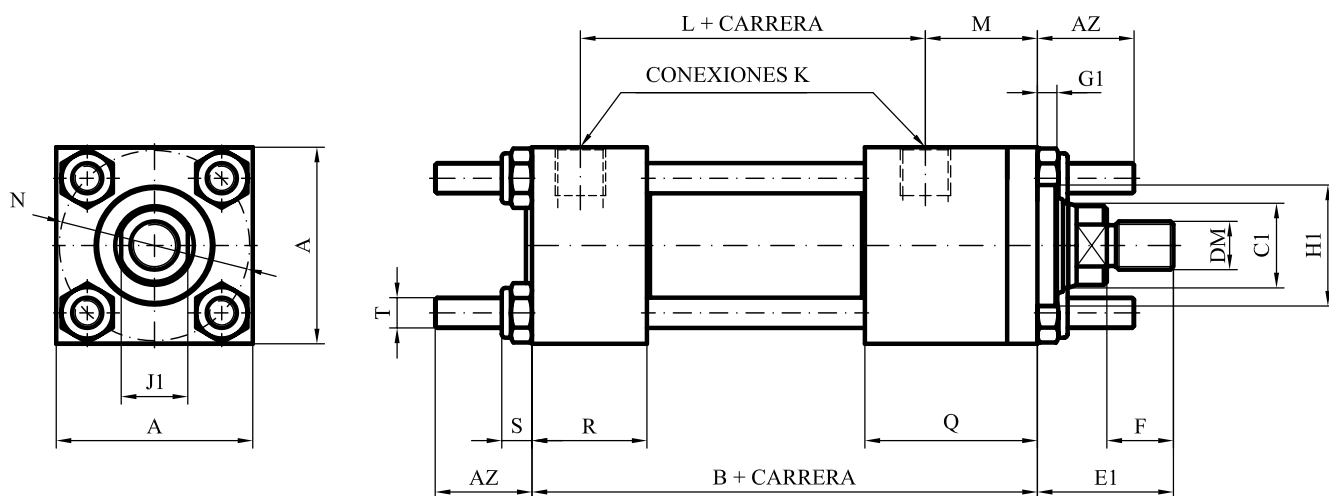
Ø Pist.	C1 Ø Vast	A	E1	F	G1	H1 ^{f8}	J1	J	K	M	P	Q	R	V	DM	RR	SS ^{H7}	TT	UU
40	22	65	45	22	6.5	40	17	15	G 3/8"	37	13	57	38	11	M16 x1.5	29	17	67	29
	28																		
50	28	75	46	22	8	48	22	20	G 3/8"	44	15	66	38	14	M20 x1.5	35	20	81	34
	36																		
63	36	90	62	38	8	59	30	20	G 1/2"	45	20	66	38	14	M24 x1.5	38	25	86	36
	45																		
80	45	110	63	38	8	70	38	25	G 3/4"	53	25	79	48	17	M33 x2	52	30	104.5	42.5
	56																		
100	56	130	73	51	4	85	48	25	G 3/4"	69	25	95	48	17	M39 x2	65	40	133.5	57.5
	70																		
125	70	160	85	59	5	105	60	30	G 3/4"	83	35	110	48	24	M48 x2	83	50	149	64
	90																		

CARRERA MÁXIMA EN mm.

Ø Pist.	Ø Vast	Presión en bar			
		35	70	105	140
40	22	550	400	300	250
	28	950	600	500	425
50	28	700	600	425	340
	36	1250	1000	725	585
63	36	1000	700	600	500
	45	2400	1150	900	800
80	45	1200	850	500	600
	56	1900	1300	1000	950
100	56	1500	1000	850	750
	70	2350	1600	1400	1200
125	70	2000	1400	1100	900
	90	3100	2300	1800	1500

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

Ø Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	---	---	---	---	---
	L	75	---	---	---	---	---
50	B	143	168	---	---	---	---
	L	80	105	---	---	---	---
63	B	146	171	196	221	246	---
	L	84	109	134	159	184	---
80	B	176	201	226	251	276	---
	L	103	128	153	178	203	---
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261
125	B	230	255	280	305	330	380
	L	126	151	176	201	226	276



DIMENSIONES

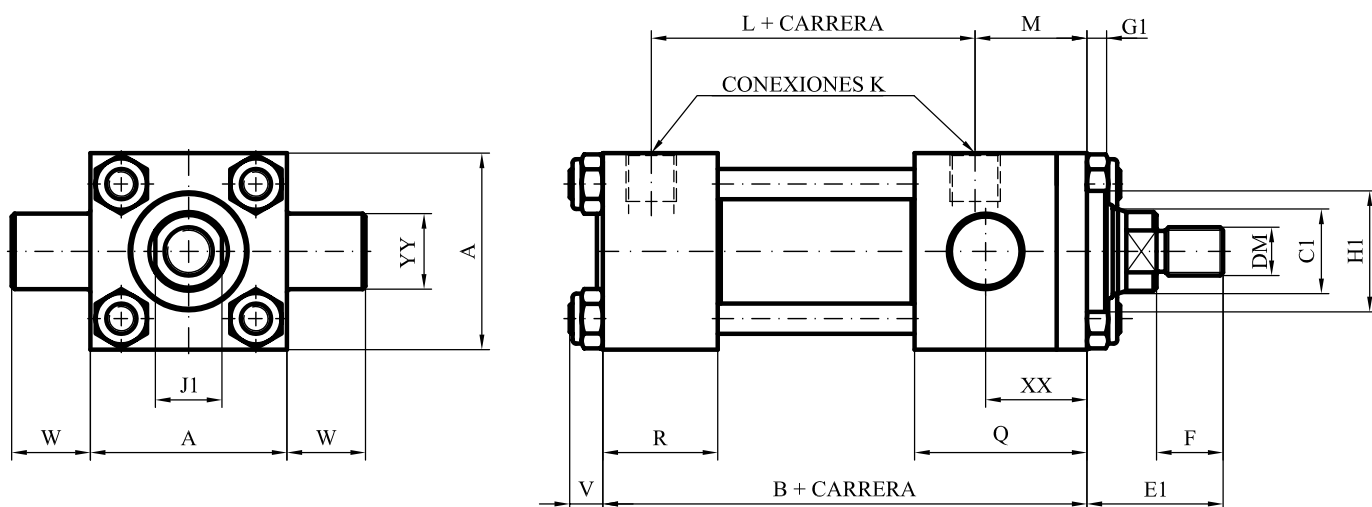
\varnothing Pist.	\varnothing Vast	A	E1	F	G1	H1 ^{f8}	J1	K	M	N	Q	R	S	T	AZ	DM
40	22	65	45	22	6.5	40	17	G 3/8"	37	63	57	38	10	M10 x1	32	M16 x1.5
	28															
50	28	75	46	22	8	48	22	G 3/8"	44	76	66	38	12	M12 x1.5	40	M20 x1.5
	36															
63	36	90	62	38	8	59	30	G 1/2"	45	89	66	38	12	M12 x1.5	40	M24 x1.5
	45															
80	45	110	63	38	8	70	38	G 3/4"	53	110	79	48	16	M16 x1.5	49	M33 x2
	56															
100	56	130	73	51	4	85	48	G 3/4"	69	136	95	48	16	M16 x1.5	57	M39 x2
	70															
125	70	160	85	59	5	105	60	G 3/4"	83	166	110	48	22	M22 x1.5	63	M48 x2
	90															

CARRERA MÁXIMA EN mm.

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

\varnothing Pist.	\varnothing Vast	Presión en bar			
		35	70	105	140
40	22	700	500	400	350
	28	1250	800	650	550
50	28	960	830	560	450
	36	1670	1400	975	780
63	36	1400	1000	780	670
	45	3200	1500	1200	1000
80	45	1600	1150	900	800
	56	2500	1800	1500	1200
100	56	2000	1400	1200	1000
	70	3150	2200	1800	1600
125	70	2600	1800	1400	1200
	90	4100	3000	2400	2000

\varnothing Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	153	---	---	---	---
	L	75	100	---	---	---	---
50	B	143	168	193	218	---	---
	L	80	105	130	155	---	---
63	B	146	171	196	221	246	296
	L	84	109	134	159	184	234
80	B	176	201	226	251	276	326
	L	103	128	153	178	203	253
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261
125	B	230	255	280	305	330	380
	L	126	151	176	201	226	276



DIMENSIONES

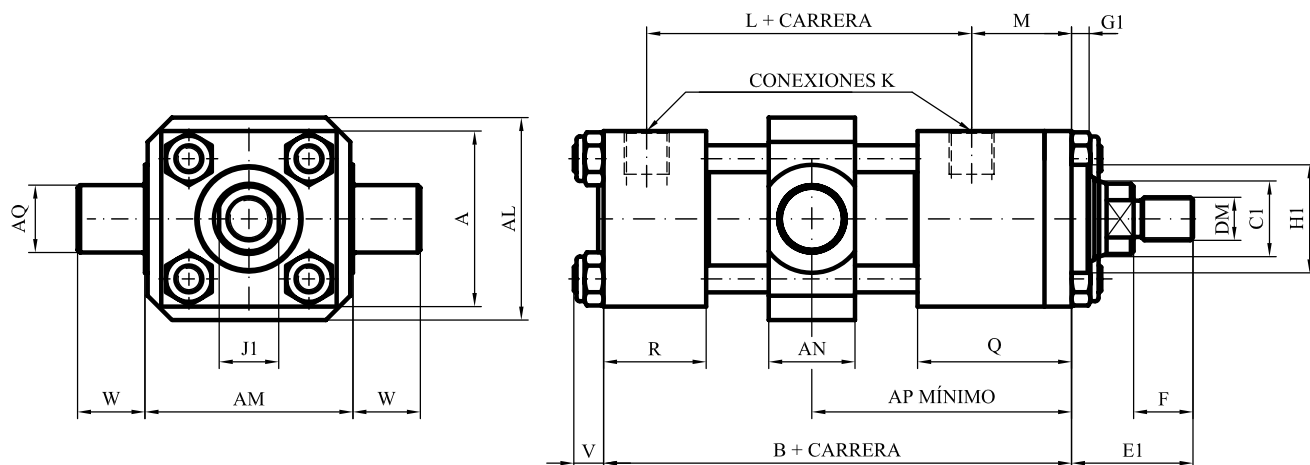
Ø Pist.	C1 Ø Vast	A	E1	F	G1	H1 ^{f8}	J1	K	M	Q	R	V	DM	W	XX	YY ^{f8}
40	22	65	45	22	6.5	40	17	G 3/8"	37	57	38	11	M16 x1.5	26	33.5	25
	22															
50	28	75	46	22	8	48	22	G 3/8"	44	66	38	14	M20 x1.5	35	41	35
	30															
63	36	90	62	38	8	59	30	G 1/2"	45	66	38	14	M24 x1.5	35	41	35
	38															
80	45	110	63	38	8	70	38	G 3/4"	53	79	48	17	M33 x2	45	49	45
	48															
100	56	130	73	51	4	85	48	G 3/4"	69	95	48	17	M39 x2	43,5	62.5	45
	60															
125	70	160	85	59	5	105	60	G 3/4"	83	110	48	24	M48 x2	45	73	65
	78															

CARRERA MÁXIMA EN mm.

Ø Pist.	Ø Vast	Presión en bar			
		35	70	105	140
40	22	1080	700	600	500
	28	1890	1200	1000	850
50	28	1440	1240	850	680
	36	2500	2000	1450	1100
63	36	2100	1450	1000	900
	45	4800	2300	1800	1500
80	45	2400	1600	1350	1200
	56	3800	2600	2300	1900
100	56	3000	2100	1700	1500
	70	4700	3300	2700	2350
125	70	4000	2800	2000	1800
	90	6200	4600	3500	3000

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

Ø Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	153	178	203	228	---
	L	75	100	125	150	175	---
50	B	143	168	193	218	243	293
	L	80	105	130	155	180	230
63	B	146	171	196	221	246	296
	L	84	109	134	159	184	234
80	B	176	201	226	251	276	326
	L	103	128	153	178	203	253
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261
125	B	230	255	280	305	330	380
	L	126	151	176	201	226	276



DIMENSIONES

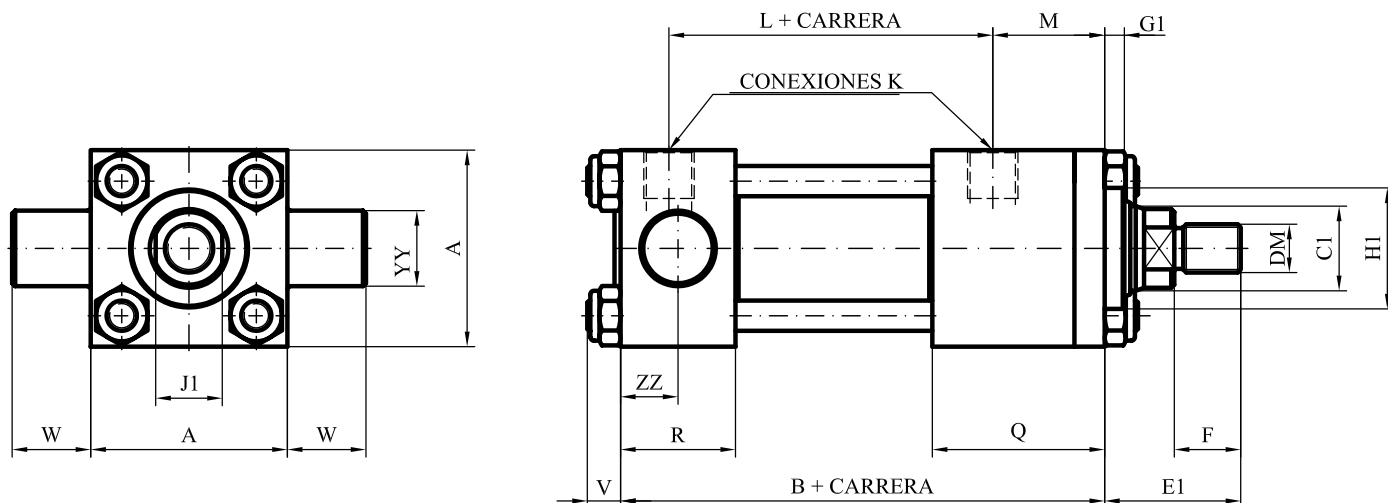
Ø Pist.	C1 Ø Vast	A	E1	F	G1	H1 ^{f8}	J1	K	M	Q	R	V	AL	AM	AN	AP	AQ ^{f8}	DM	W
40	22	65	45	22	6.5	40	17	G 3/8"	37	57	38	11	75	77	32	73	25	M16 x1.5	25
	22																		
50	28	75	46	22	8	48	22	G 3/8"	44	66	38	14	86	86	38	85	35	M20 x1.5	35
	30																		
63	36	90	62	38	8	59	30	G 1/2"	45	66	38	14	108	108	45	89	40	M24 x1.5	35
	38																		
80	45	110	63	38	8	70	38	G 3/4"	53	79	48	17	127	129	65	112	50	M33 x2	44
	48																		
100	56	130	73	51	4	85	48	G 3/4"	69	95	48	17	159	161	76	133	60	M39 x2	44
	60																		
125	70	160	85	59	5	105	60	G 3/4"	83	110	48	24	197	201	90	155	65	M48 x2	43
	78																		

CARRERA MÁXIMA EN mm.

Ø Pist.	Ø Vast	Presión en bar			
		35	70	105	140
40	22	700	500	400	350
	28	1250	800	650	550
50	28	960	830	560	450
	36	1670	1400	975	780
63	36	1400	1000	780	670
	45	3200	1500	1200	1000
80	45	1600	1150	900	800
	56	2500	1800	1500	1200
100	56	2000	1400	1200	1000
	70	3150	2200	1800	1600
125	70	2600	1800	1400	1200
	90	4100	3000	2400	2000

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

Ø Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	153	---	---	---	---
	L	75	100	---	---	---	---
50	B	143	168	193	218	---	---
	L	80	105	130	155	---	---
63	B	146	171	196	221	246	296
	L	84	109	134	159	184	234
80	B	176	201	226	251	276	326
	L	103	128	153	178	203	253
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261
125	B	230	255	280	305	330	380
	L	126	151	176	201	226	276



DIMENSIONES

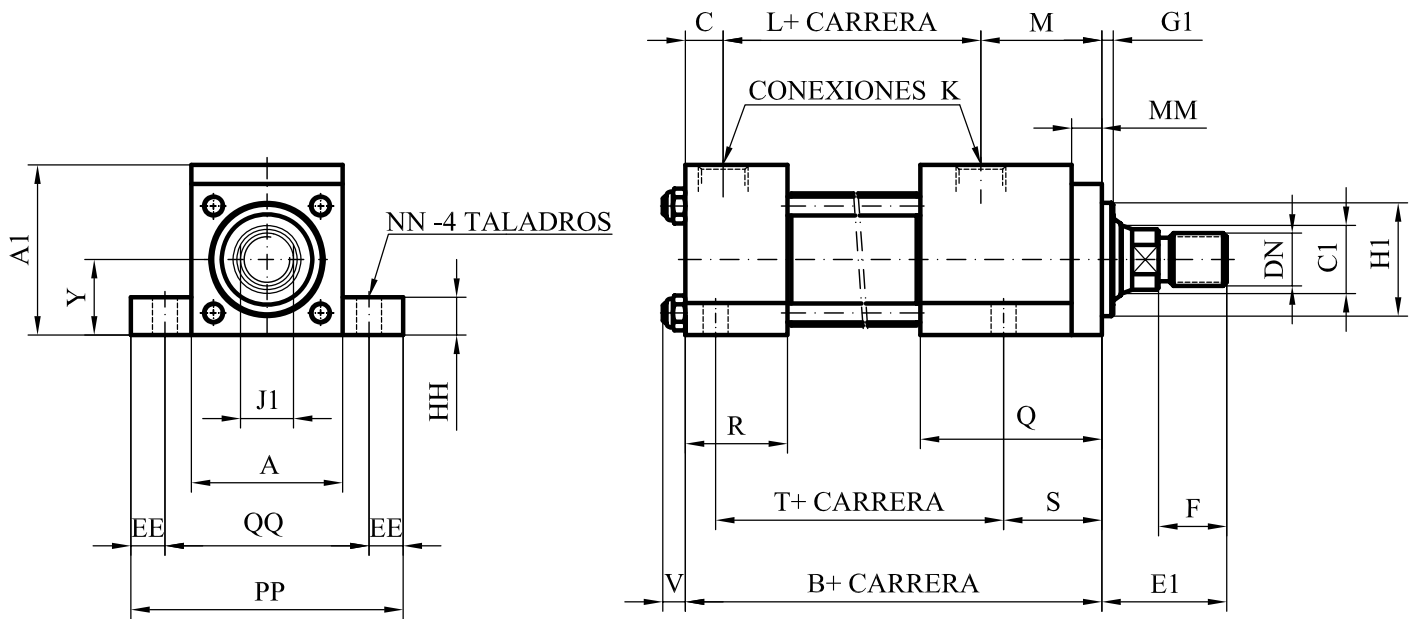
Ø Pist.	C1 Ø Vast	A	E1	F	G1	H1 ^{f8}	J1	K	M	Q	R	V	W	YY ^{f8}	ZZ	DM
40	22	65	45	22	6.5	40	17	G 3/8"	37	57	38	11	26	25	19	M16 x1.5
	22															
50	28	75	46	22	8	48	22	G 3/8"	44	66	38	14	35	35	19	M20 x1.5
	30															
63	36	90	62	38	8	59	30	G 1/2"	45	66	38	14	35	35	19	M24 x1.5
	38															
80	45	110	63	38	8	70	38	G 3/4"	53	79	48	17	45	45	24	M33 x2
	48															
100	56	130	73	51	4	85	48	G 3/4"	69	95	48	17	45	45	24	M39 x2
	60															

CARRERA MÁXIMA EN mm.

VALORES DE B y L EN FUNCIÓN DE LA CARRERA

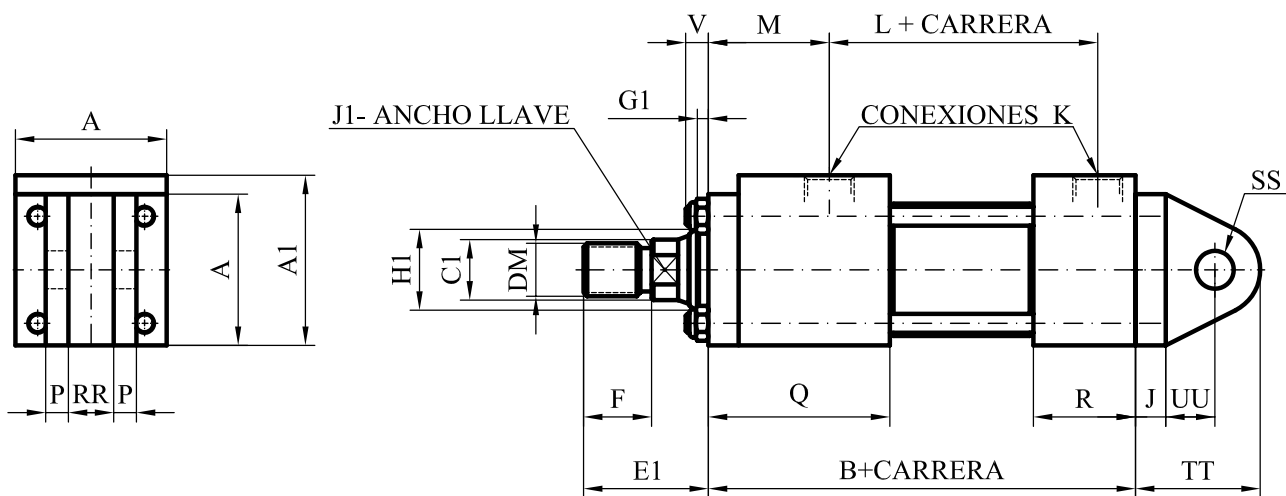
Ø Pist.	Ø Vast	Presión en bar			
		35	70	105	140
40	22	550	400	300	250
	28	950	600	500	450
50	28	700	600	425	340
	36	1250	1000	700	585
63	36	1000	700	600	500
	45	2400	1150	900	800
80	45	1200	850	500	600
	56	1900	1300	1000	900
100	56	1500	1000	850	750
	70	2350	1600	1400	1200

Ø Pist.	Cons.	0 a 1000	1250	1500	1750	2000	2500
40	B	128	---	---	---	---	---
	L	75	---	---	---	---	---
50	B	143	168	---	---	---	---
	L	80	105	---	---	---	---
63	B	146	171	196	221	246	296
	L	84	109	134	159	184	234
80	B	176	201	226	251	276	326
	L	103	128	153	178	203	253
100	B	200	225	250	275	300	350
	L	111	136	161	186	211	261



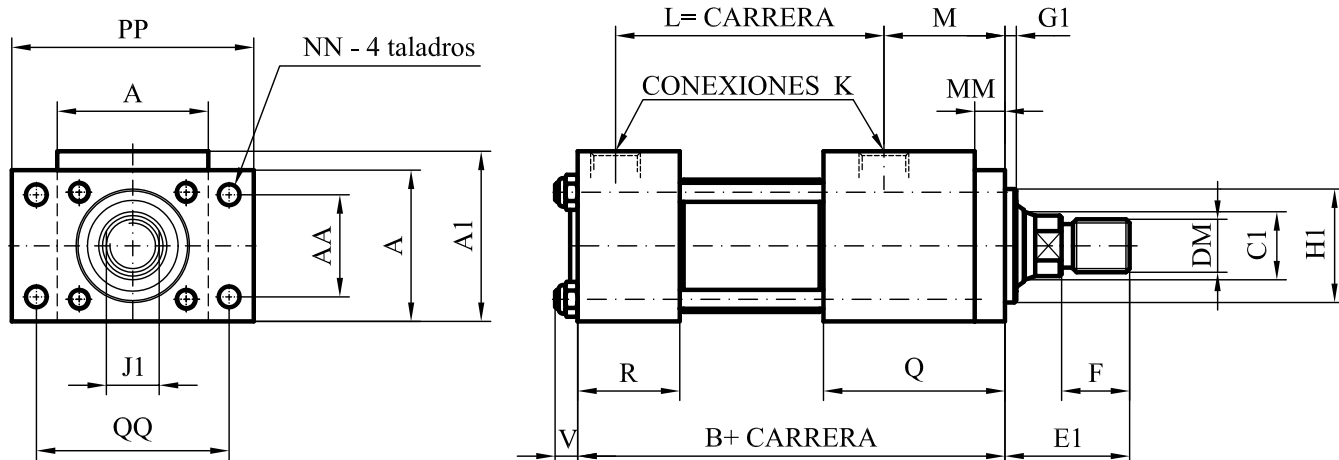
DIMENSIONES

Ø Pist.	C1 Ø Vast	A	A1	E1	F	G1	H1 ^{f8}	J1	K	M	Q	R	S	T	V	Y	EE	DM	HH	NN	MM	PP	QQ	B	L
25	18	40	45	33	18	3	30	14	G 1/4"	32	48	27	26	54	6	20	9	M14 x1.5	10	6,6	8	72	54	88	46
32	18	45	50	33	18	3	34	14	G 1/4"	34	50	27	30	50	7	22,5	10,5	M14 x1.5	12,5	9	10	84	63	90	46
32	22	45	50	42	22	3	34	17	G 1/4"	34	50	27	30	50	7	22,5	10,5	M16 x1.5	12,5	9	10	84	63	90	46



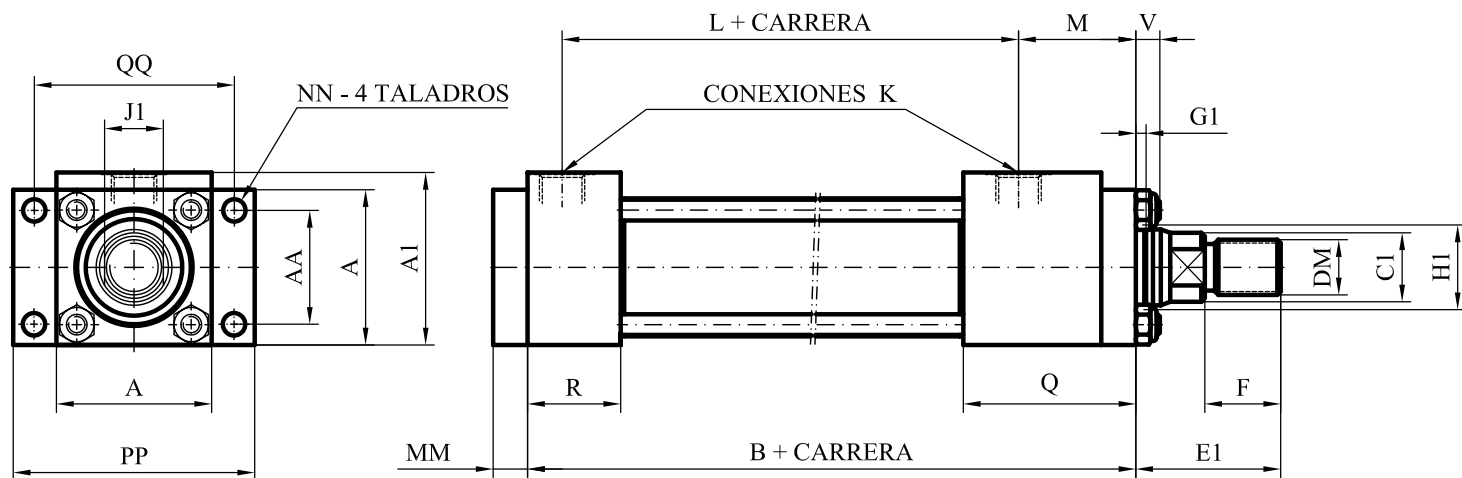
DIMENSIONES

Ø Pist.	C1 Ø Vast	A	A1	E1	F	G1	H1 ^{f8}	P	J1	K	M	Q	R	V	J	UU	DM	RR	SS ^{H9}	TT	B	L
25	18	40	40	33	18	3	30	6	14	G 1/4"	32	48	27	6	8	13	M14 x1.5	12	10	33	88	46
32	18	45	50	33	18	3	34	8	14	G 1/4"	34	50	27	7	10	19	M14 x1.5	16	12	42	90	46
	22	45	50	42	22	3	34	8	17	G 1/4"	34	50	27	7	10	19	M16 x1.5	16	12	42	90	46



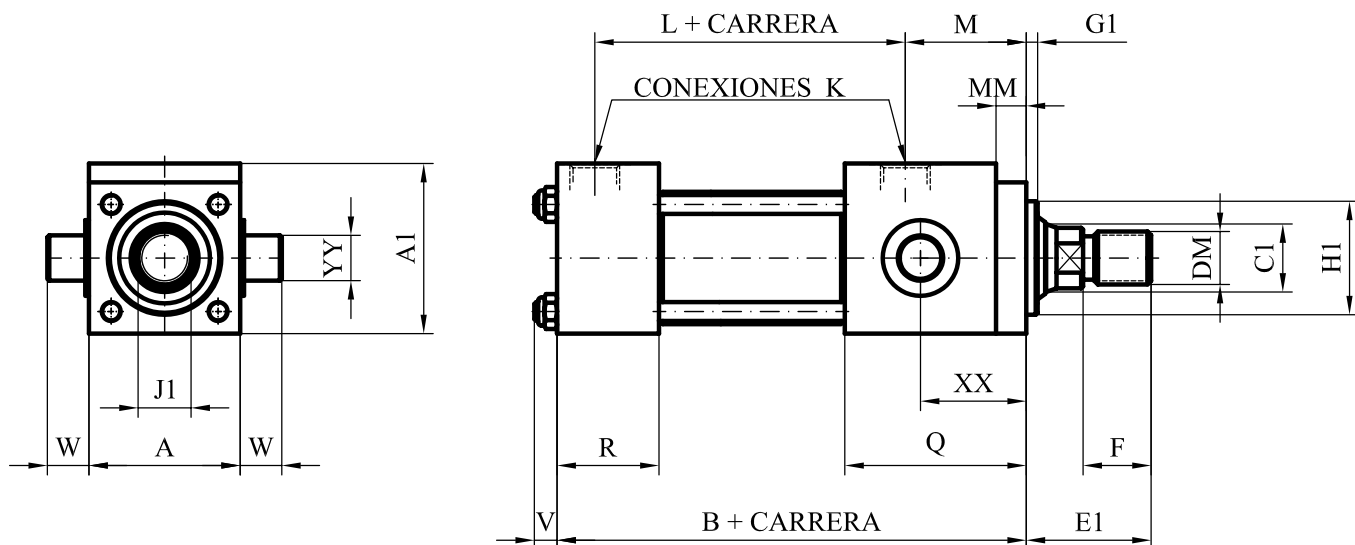
DIMENSIONES

\varnothing Pist.	C1 \varnothing Vast	A	A1	E1	F	G1	H1 ^{f8}	J1	K	M	Q	R	V	AA	DM	NN	MM	PP	QQ	B	L
25	18	40	45	33	18	3	30	14	G 1/4"	32	48	27	6	27	M14 x1.5	5,5	8	64	51	88	46
32	18	45	50	33	18	3	34	14	G 1/4"	34	50	27	7	33	M14 x1.5	9	10	70	58	90	46
	22	45	50	42	22	3	34	17	G 1/4"	34	50	27	7	33	M16 x1.5	9	10	70	58	90	46



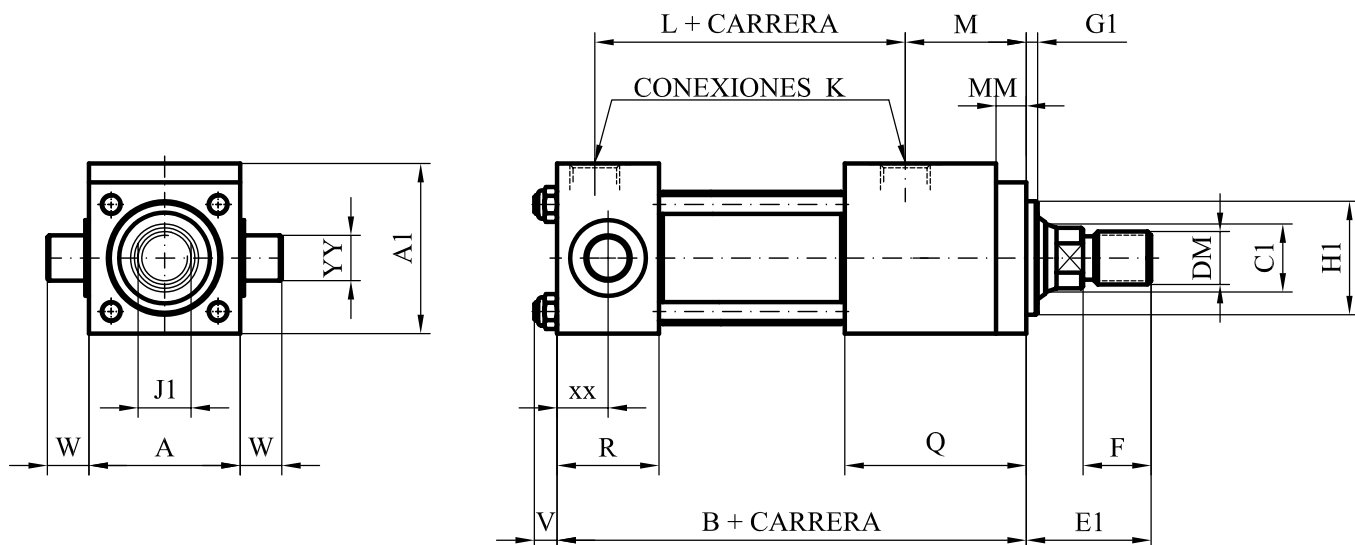
DIMENSIONES

Ø Pist.	C1 Ø Vast	A	A1	E1	F	G1	H1 ^{r8}	J1	K	M	Q	R	V	AA	DM	NN	MM	PP	QQ	B	L
25	18	40	45	33	18	3	30	14	G 1/4"	32	48	27	6	27	M14 x1.5	6.6	8	64	51	88	46
32	18	45	50	33	18	3	34	14	G 1/4"	34	50	27	7	33	M14 x1.5	9	10	70	58	90	46
	22	45	50	42	22	3	34	17	G 1/4"	34	50	27	7	33	M16 x1.5	9	10	70	58	90	46



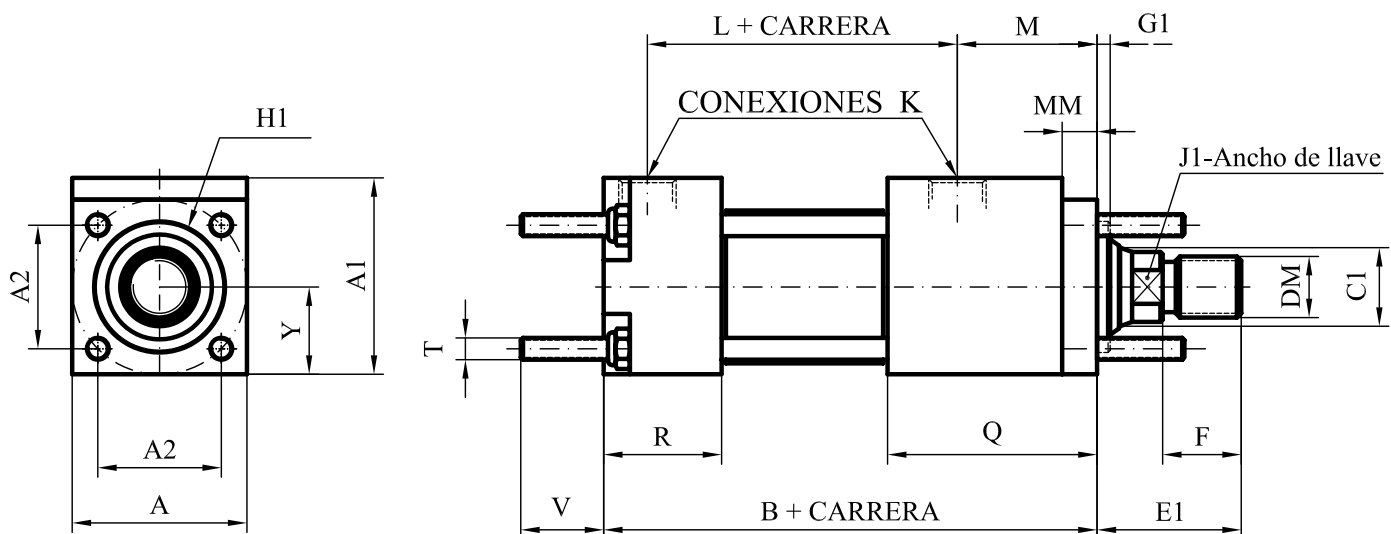
DIMENSIONES

\varnothing Pist.	$C1 \varnothing$ Vast	A	A1	E1	F	G1	$H1$ ^{f8}	J1	K	M	Q	R	V	W	DM	MM	XX	YY	B	L
25	18	40	45	33	18	3	30	14	G 1/4"	32	48	27	6	11	M14 x1.5	8	28	12	88	46
32	18	45	50	33	18	3	34	14	G 1/4"	34	50	27	7	13	M14 x1.5	10	84	16	90	46
	22	45	50	42	22	3	34	17	G 1/4"	34	50	27	7	13	M16 x1.5	10	84	16	90	46



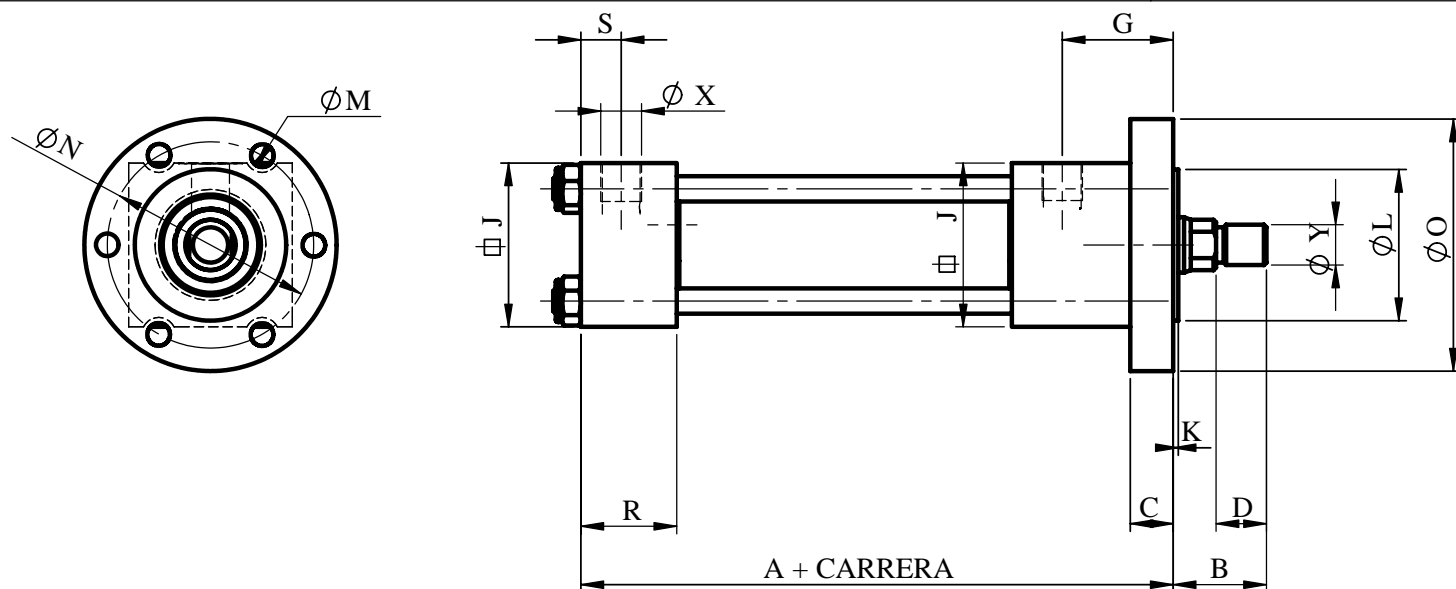
DIMENSIONES

\emptyset Pist.	$C1 \emptyset$ Vast	A	A1	E1	F	G1	$H1$ ^{f8}	J1	K	M	Q	R	V	W	DM	MM	XX	YY	B	L
25	18	40	45	33	18	3	30	14	G 1/4"	32	48	27	6	11	M14 x1.5	8	13,5	12	88	46
32	18	45	50	33	18	3	34	14	G 1/4"	34	50	27	7	13	M14 x1.5	10	13,5	16	90	46
	22	45	50	42	22	3	34	17	G 1/4"	34	50	27	7	13	M16 x1.5	10	13,5	16	90	46



DIMENSIONES

Ø Pist.	C1 Ø Vast	A	A1	A2	E1	F	G1	H1 ^{RS}	J1	K	M	Q	R	V	T	Y	DM	MM	B	L
25	18	40	45	28.3	33	18	3	30	14	G 1/4"	32	48	27	19	M5 x 0,8	20	M14 x1.5	8	88	46
32	18	45	50	33.5	33	18	3	30	14	G 1/4"	34	50	27	24	M6 x 1	22,5	M14 x1.5	10	90	46
	22	45	50	33.5	42	22	3	34	17	G 1/4"	34	50	27	24	M6 x 1	22,5	M16 x1.5	10	90	46



DIMENSIONES

AP		Ø Y	Ø X	K	B	C	D	G	J	L	M	N	O	R	S
AP40	22 28	M16x1,5	3/8"G	2	37	17	20	44	65	60	9	82	100	38	16
AP50	28 36	M20x1,5	3/8"G	2	43	20	25	48	75	75	11	103	125	38	21
AP63	36 45	M27x2	1/2"G	2	50	24	32	53	90	90	13	120	145	38	17
AP80	45 56	M33x2	3/4"G	2	61	28	40	62	110	110	15	142	170	48	20
AP100	56 70	M42x2	3/4"G	3	73	34	50	73	130	135	17	170	202	48	20
AP125	70 90	M52x2	3/4"G	3	83	40	55	86	160	168	21	210	250	48	21

VALORES DE A EN FUNCIÓN DE LA CARRERA

AP	Cons.	0 a 1000	1250	1500	1750	2000	2500	
AP40	22 28	A	135	160	185	210	235	285
AP50	28 36	A	147	172	197	222	247	297
AP63	36 45	A	154	179	204	229	254	304
AP80	45 56	A	185	210	235	260	285	335
AP100	56 70	A	204	229	254	279	304	354
AP125	70 90	A	233	258	283	308	333	383