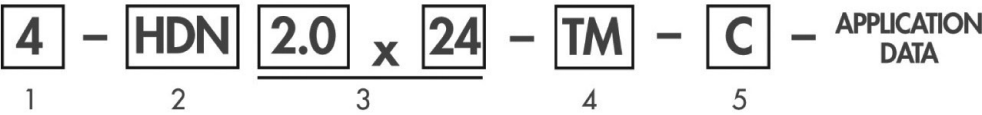


Ordering

Ordering Example

Note: HDN/HD/HDA models are custom-orificed, therefore all information must be provided to ITT Enidine for unique part number assignment



Ordering Code Example for Heavy Duty Shock Absorbers

1. Quantity		4.Mounting Method		Application Data (Required for HDN / HD Models)	
		TM (Rear flange front foot mount)		See Worksheet	
		FM (Front and rear foot mount)		Vertical or horizontal motion	
		TF (Front and rear flanges)		Weight	
		FF (Front flange)		Impact velocity	
		FR (Rear flange)		Propelling force (if any)	
		CM (Metric devis mount)		Cycles/Hr	
				Other (temperature or other environmental conditions, safety standards, etc.)	
2. Model Selection		5.Options			
HDN (Non-Adjustable)		C (Sensor cable)			
HD (Non-Adjustable)		P (Sensor plug)			
HDA (Adjustable)		SC (Safety cable)			
		BA (Bladder Accumulator)			
		(Urethane Cap)			
3. Model Size					
Select Size from Engineering Data Chart					
HDN - 1.5, 2.0, 3.0, 3.5, 4.0 Bore Sizes					
HDA - 3.0, 4.0 Bore Sizes					
HD - 5.0, 6.0 Bore Sizes					

RATE
CONTROL
SERIES

ADA Series
DA Series
유압
정속제어형 모델

특성

-  다양한 종류의 크기와 넓은 범위의 에너지 흡수 용량
-  엄격하고 정밀한 품질관리로 긴 수명보장
-  어떠한 환경에서는 완벽하게 작동하는 Oil 표준유 : -10℃~80℃, 특수유 : -30℃~100℃
-  최상의 금속재와 마감재를 적용하여 내식성 강화
-  고객의 요구에 맞는 스트로크 조절가능



ADA Series ADA 505M ~ ADA 780M
압축 또는 신장 그리고 압축과 신장으로 댐핑방향 선택가능 스트로크 전반에 걸쳐 일정한 댐핑효과 규격화된 조정형 모델



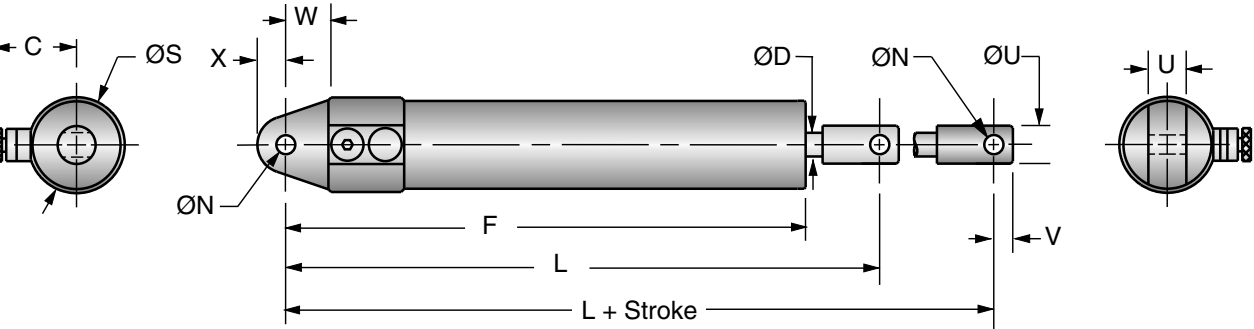
DA Series DA 75×50 ~ DA 75×250
압축 또는 신장 그리고 압축과 신장으로 댐핑방향 선택가능 스트로크 전반에 걸쳐 일정한 댐핑효과 주문자 생산사양의 비조정형 모델

ENGINEERING DATA

Catalog No. (Model)	Damping Direction	Bore Size (mm)	(S) Stroke (mm)	(F _p) Max. Propelling Force		(E _f C) Max. Nm/hour	Model Weight (g)
				Extension (N)	Compression (N)		
ADA 505M	T, C or T and C	16,0	50,0	2 000	2 000	73 450	300
ADA 510M	T, C or T and C	16,0	100,0	2 000	1 670	96 050	372
ADA 515M	T, C or T and C	16,0	150,0	2 000	1 335	118 650	445
ADA 520M	T, C or T and C	16,0	200,0	2 000	900	141 250	520
ADA 525M	T, C or T and C	16,0	250,0	2 000	550	163 850	590

Catalog No. (Model)	C	D	F	L	ØN +0,1/-0,0	S	ØU +0,0/-0,3	V	W	X	(S) Stroke (mm)	Damping Directio
ADA 505M	27,0	8,0	173,0	200,0	6,0	31,8	12,7	6,3	14,2	9,5	50,0	T, C or T and C
ADA 510M	27,0	8,0	224,0	250,0	6,0	31,8	12,7	6,3	14,2	9,5	100,0	T, C or T and C
ADA 515M	27,0	8,0	275,0	300,0	6,0	31,8	12,7	6,3	14,2	9,5	150,0	T, C or T and C
ADA 520M	27,0	8,0	325,0	350,0	6,0	31,8	12,7	6,3	14,2	9,5	200,0	T, C or T and C
ADA 525M	27,0	8,0	376,0	400,0	6,0	31,8	12,7	6,3	14,2	9,5	250,0	T, C or T and C

All dimensions in millimeters.

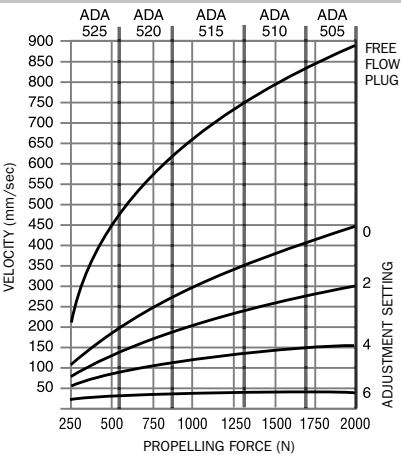


USEABLE ADJUSTMENT SETTING

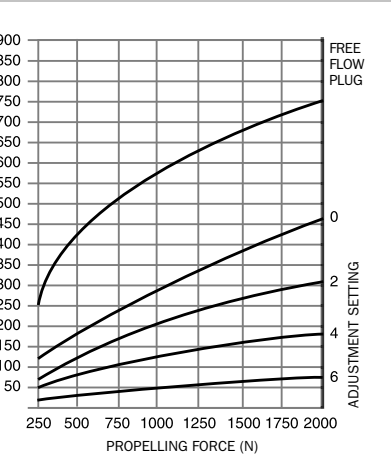


ADA 505 ~ ADA 515 모델은 조정카트리지를 교환으로 압축, 신장을 자유롭게 조정 가능합니다.

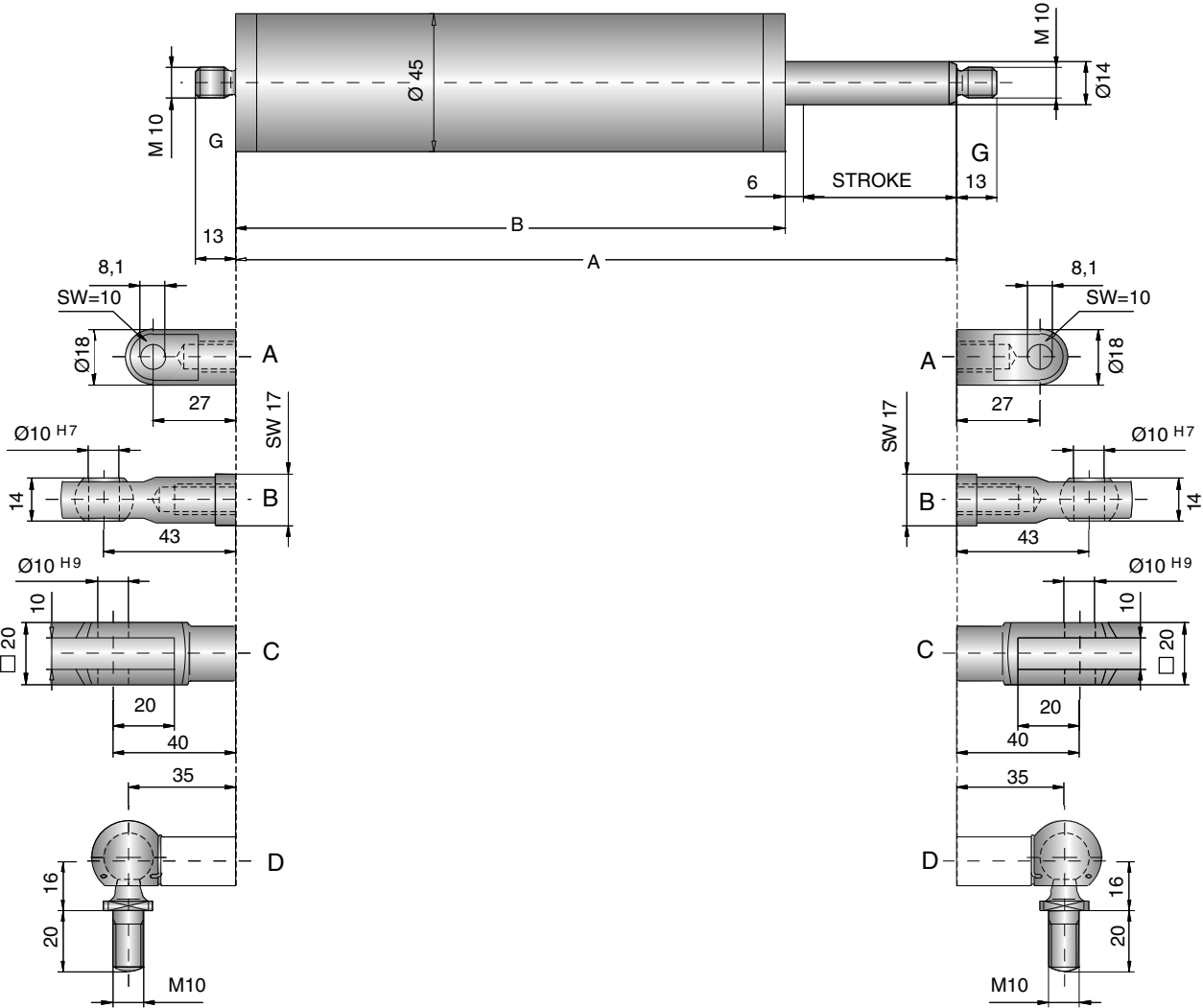
Compression Mode Adjustment Setting Curve



Tension Mode Adjustment Setting Curve



ADA 705M ➔ ADA 780M

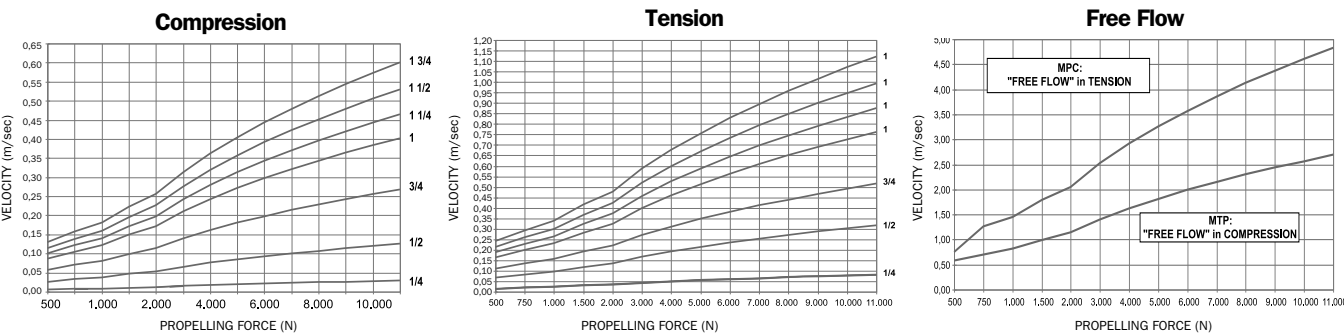


Catalog No. (Model)	Damping Direction	Bore Size (mm)	(S) Stroke (mm)	(F _p) Max. Propelling Force		(E _f C) Max Nm/hour	Model Weight (kg)	A	B
				Tension (N)	Compression (N)				
ADA 705M	T, C or T and C	25,0	50,0	11 000	11 000	129 000	1,6	237	180
ADA 710M	T, C or T and C	25,0	100,0	11 000	11 000	168 000	2,0	339	231
ADA 715M	T, C or T and C	25,0	150,0	11 000	11 000	206 000	2,3	441	282
ADA 720M	T, C or T and C	25,0	200,0	11 000	11 000	247 000	2,6	541	332
ADA 725M	T, C or T and C	25,0	250,0	11 000	11 000	286 000	2,9	643	383
ADA 730M	T, C or T and C	25,0	300,0	11 000	11 000	326 000	3,2	745	434
ADA 735M	T, C or T and C	25,0	350,0	11 000	11 000	366 000	3,6	847	485
ADA 740M	T, C or T and C	25,0	400,0	11 000	11 000	405 000	3,9	947	535
ADA 745M	T, C or T and C	25,0	450,0	11 000	8 800	444 000	4,2	1 049	586
ADA 750M	T, C or T and C	25,0	500,0	11 000	7 500	484 000	4,5	1 151	637
ADA 755M	T, C or T and C	25,0	550,0	11 000	6 200	524 000	4,8	1 253	688
ADA 760M	T, C or T and C	25,0	600,0	11 000	5 300	563 000	5,2	1 355	739
ADA 765M	T, C or T and C	25,0	650,0	11 000	4 500	603 000	5,5	1 457	790
ADA 770M	T, C or T and C	25,0	700,0	11 000	4 000	642 000	5,8	1 557	840
ADA 775M	T, C or T and C	25,0	750,0	11 000	3 500	681 000	6,1	1 659	891
ADA 780M	T, C or T and C	25,0	800,0	11 000	3 100	721 000	6,5	1 761	942

※ 주의 : Mounting Option D : 허용최대중량 1,600N

All dimensions in millimeters.

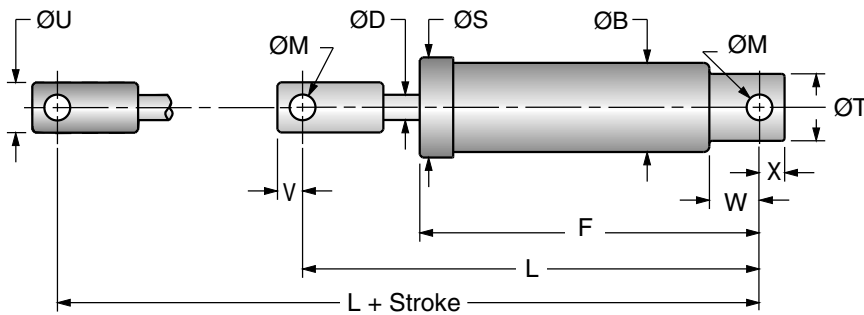
USEABLE ADJUSTMENT SETTING RANGE



※ 동작속도 및 추진력에 맞추어 다이얼을 조정하십시오.

DA

DA 75M x 50 ➔ DA 75M x 250



Catalog No. (Model)	Damping Direction	Bore Size (mm)	(S) Stroke (mm)	(F _p) Max. Propelling Force (N)	(E _T) Max. Nm/cycle	(E _T C) Max. Nm/hour	Model Weight (kg)
DA 75M x 50	T, C or T and C	38,0	50,0	22 250	1 120	305 000	11,4
DA 75M x 100	T, C or T and C	38,0	100,0	22 250	2 240	350 000	13,2
DA 75M x 150	T, C or T and C	38,0	150,0	22 250	3 360	406 000	15,0
DA 75M x 200	T, C or T and C	38,0	200,0	22 250	4 480	463 000	16,8
DA 75M x 250	T, C or T and C	38,0	250,0	22 250	5 600	508 000	18,6

Catalog No. (Model)	B	D	F	L	M ±0,2	S ±0,4	T ±0,4	U ±0,2	V	W	X	(S) Stroke (mm)
DA 75M x 50	76,0	19,0	245,0	348,0	19,4	86,0	51,0	38,0	21,0	38,0	19,0	50,0
DA 75M x 100	76,0	19,0	295,0	398,0	19,4	86,0	51,0	38,0	21,0	38,0	19,0	100,0
DA 75M x 150	76,0	19,0	345,0	448,0	19,4	86,0	51,0	38,0	21,0	38,0	19,0	150,0
DA 75M x 200	76,0	19,0	395,0	498,0	19,4	86,0	51,0	38,0	21,0	38,0	19,0	200,0
DA 75M x 250	76,0	19,0	445,0	548,0	19,4	86,0	51,0	38,0	21,0	38,0	19,0	250,0

All dimensions in millimeters.

ADA ORDERING INFORMATION

Example:

10

수량

ADA 505M

모델선택

T

인장

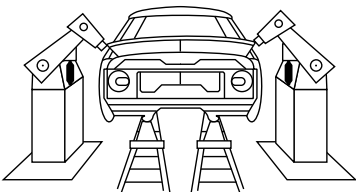
T : 조정형
P : Free Flow

C

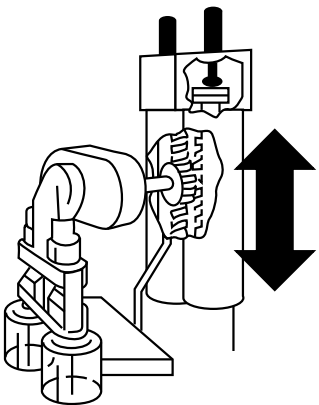
압축

C : 조정형
P : Free Flow

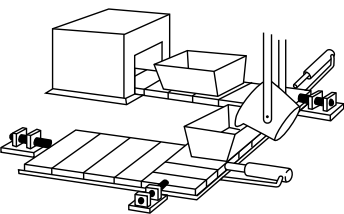
OEM SERIES



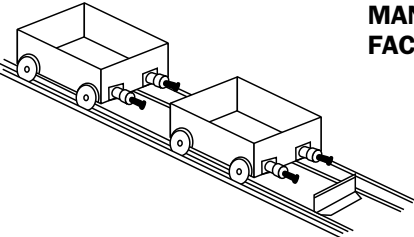
AUTOMOTIVE –
ROBOTICS



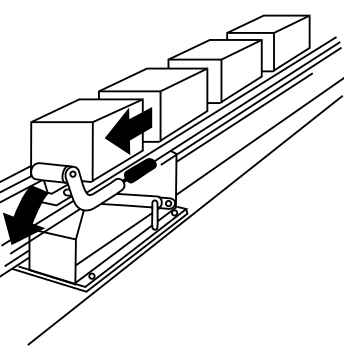
GLASS FORMING
EQUIPMENT



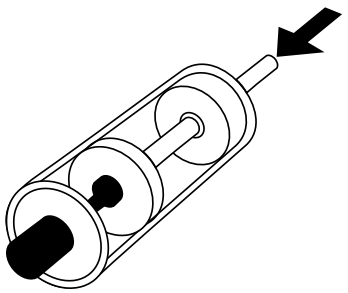
FOUNDRY –
CONVEYOR LINE



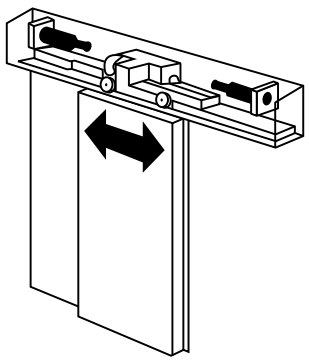
MANUFACTURING
FACILITY – RAIL CARTS



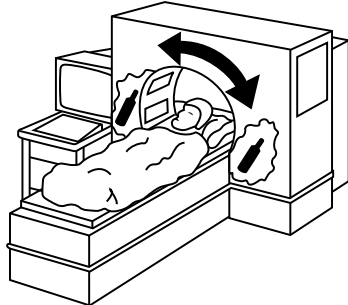
PALLET STOP



AIR CYLINDER



ROLLING DOOR



CAT SCAN EQUIPMENT