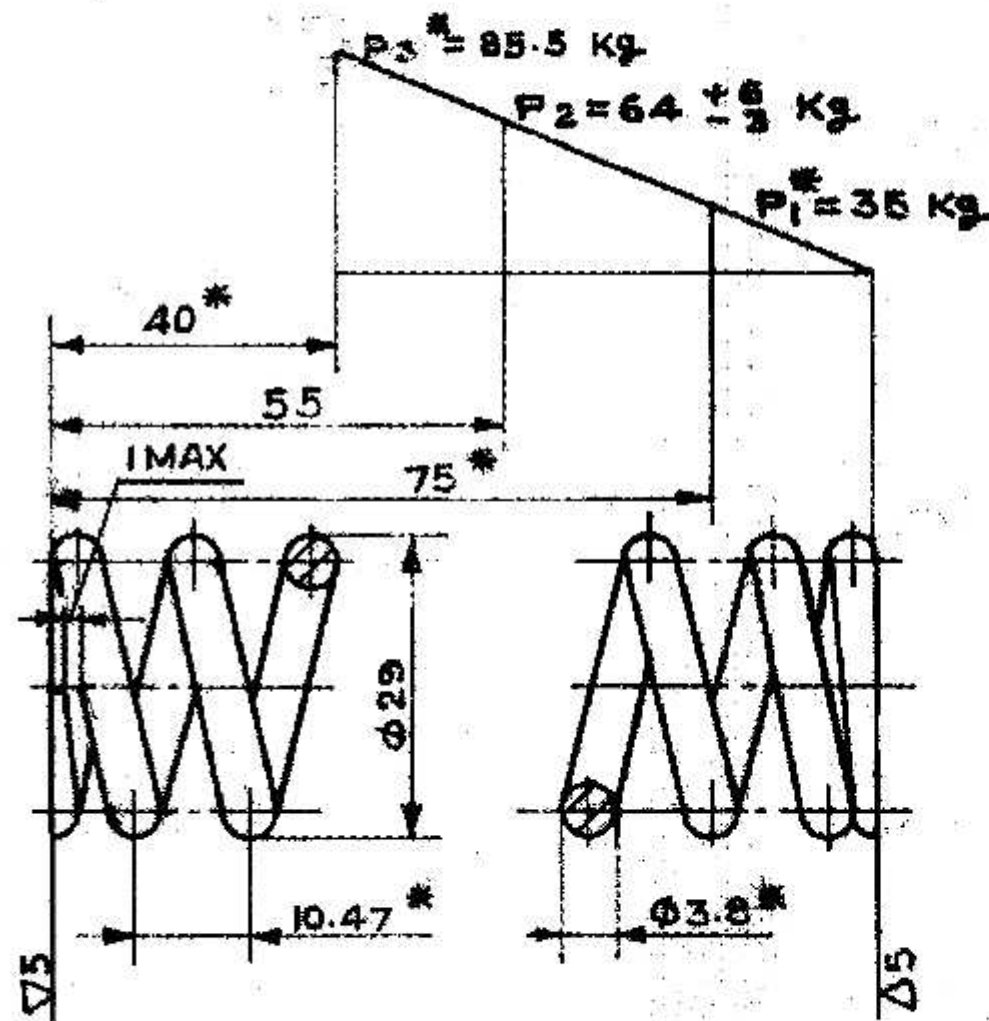


DS CAT No.  
5360-002356

DIMENSIONS ARE IN MM.

UNLESS OTHERWISE SPECIFIED.

NUMBER OF OPERATING COILS	$\pi$	9
TOTAL NUMBER OF COILS	$\pi 1$	10.5
DIRECTION OF COILING OF SPRING	-	RIGHT
DIAMETER OF TEST SLEEVE	$\Delta \Gamma$	30A5
DIAMETER OF TEST BAR	$\Delta C$	-
LENGTH OF UNCOILED SPRING	$L, \text{mm}$	840
SHEAR MODULUS	$G \frac{\text{kg}}{\text{mm}^2}$	8000



NOTES:-

1. ENDS OF SPRING ARE TO BE BLUNTED.
2. TORSION STRESS DURING CONTACT OF COILS IS  $\tau_m = 100 \text{ kg/mm}^2$ .
3. TIME LAG DURING COMPRESSION UP TO  $H_2 = 40 \text{ mm}$ .
4. TO BE TESTED FOR REPEATED-VARIABLE LOAD WITH NUMBER OF CHANGES  $\approx 300$  IN A MINUTE FOR NOT LESS THAN 0.5 MINUTES.
5. COATING: CHEMICAL PHOSPHATING, ACCELERATED CHROMATIZING, OIL FINISHED.
6. \* DIMENSIONS AND PARAMETERS FOR REFERENCE.
7. REMAINING TECHNICAL REQUIREMENTS AS PER GROUP II, CLASS II, GOST 18188-76.

ALTERNATIVE MATL:- STEEL WIRE GRADE 685 A55 TO BS:1429-80 OR GRADE 2D TO IS:4454 PT III: 1975. (REQUIRED PROPERTIES TO BE ACHIEVED).

COATING:- PHOSPHATING TO IS 6045-01, CLASS II/III, FINISH 13(2).

22-10-03	18814-W	HINDI NOMENCLATURE ADDED	
19-10-93	17761-W	ALT MATL AMENDED.	
13.11.92	17455-W	REF OF MATL SPEC AMENDED.	
11-6-92		RETRACED WITHOUT CHANGE	

ID = 192  
01-02-03

DATE	AUTHORITY	ZONE	NATURE	SIG AHSP	SIG DO
			AMENDMENTS		

DRAWN:-	CHD:-	ASSY DRG:-
TRACED:- SR SINGH	CHD:- G.P. Shukla	DATE:-
DO FOR CQA(W)	DO FOR CQA(W)	SCALE:-
MATERIAL:- WIRE 602CA-B-KH-3-B GOST 14963-78		ESTD MASS:- 0.075
PROTECTIVE FINISH:-		

CQA(AVA) AVADI

DRG SEALED:- DC(I) No 17068-W Dt 7-5-91 DO CQA(W)

**SPRING** स्प्रिंग

DESIGN No.  
PART No.  
2A20-02-32  
DS CAT No.  
5360-002356