

QA.211 - APPENDIX C

DESIGN TYPES INDEX NUMBER CODE & ROPE PART CODE

Each design group has a 6 digit reference number.

Digits 1-4 prescribe the basic construction.

0619 = 6x19.

3407 = 34x7.

Digit 5 refines the type of strand.

R = Single layer strand non compact.

4 = Single layer strand compact.

A = Seale non compact.

1 = Seale compact.

F = Filler construction non compact.

W= Warrington seale non compact.

6 = Warrington seale compact.

T = Triangular strand.

Digit 6 is an identifier. Required because certain design groups have differences not separated by digits 1-5.

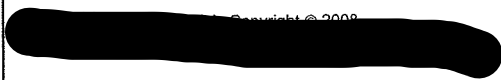
Therefore

"0619A0" is for a 6x19(9/9/1) noncompact. It is grouping zero which is for General Engineering.

The Rope part code which 14 characters long, is created by the design system automatically.

Example

Rope Size	4 Characters	28.0											
Construction	4 Characters		0636										
Strand Type			W										
Core						I							
Rope grade						K							
Lay / Finish						A							
Unique Identifier								01	(Used for different lubricants or design changes)				
Full code													28.00636WIKAO1



The full list of codes are listed below, those that are in common use are **highlighted**.

STRAND	CORE	ROPE GRADE	LAY/FINISH
A - SEALE	A	A	A - RHO NORMAL GAL
B - BRIFIL ROPE	B	B	B - RHL NORMAL GAL
C - COMBINED	C - CONDUCTOR	C	C - LHO NORMAL GAL
D	D - DYFORM IWRC	D	C - LHL NORMAL GAL
E - CABLE LAID	E	E	E - R ALT NORMAL GAL
F - FILLER	F - NATURAL FIBRE	F	F - L ALT NORMAL GAL
G - GRAPNEL	G - SYNTHETIC	G	G - RHO HEAVY GAL
H - HALF LOCK	H	H	H - RHL HEAVY GAL
I	I - IWRC	I	I
J - FULL LOCK	J	J	J - LHO HEAVY GAL
K	K	K - 1960	K - LHL HEAVY GAL
L	L	L - 1860	L
M - BALANCE ROPE	M - MIXED(Wire+ FIBRE)	M - 1770	M
N - PARAGON	N - NO CORE	N	N - RHO STAINLESS
O - OVAL	O - OPPOSITE LAY	O - 1670	O - RHL STAINLESS
P - PLASTIC COVERED		P	P - LHO STAINLESS
Q		Q - 1570	Q - LHL STAINLESS
R - ROUND STRAND (SINGLE)		R	R
S - SPIRAL STRAND	S - SEALE CLOSED	S	S
T - TRIANGULAR		T - 1470	T
U		U	U
V - WARRINGTON (SIMPLE)	V - LOCK COIL INNERS	V - 1370	V
W - WARRINGTON SEALE	W - WIRE STRAND CORE	W - 1270	W
X - CROSS LAY	X - SPIRAL STRAND INNERS	X - 1170	X
Y	Y - 3x24 (15/9)	Y - 1080	Y
Z	Z - NOT DEFINED		Z - UNDEFINED
1 - DYFORM SEALE	1	1 - DUAL TENSILE	1 - RHO UNG
2 - DYFORM FILLER	2 - PLASTIC SOLID	2	2 - RHL UNG
3 - DYFORM WARRINGTON	3 - PI	3	3 - LHO UNG
4 - DYFORM ROUND STRAND	4 - BRISTAR	4	4 - LHL UNG
5		5 - 2160	5
6 - DYFORM WARRINGTON SEALE			6
			7 - RH UNGAL
			8 - LH UNGAL