

INFORMATION SHEET FOR STANDARD PRODUCTS

QUESTIONNAIRE FOR GRAB BUCKET

PURPOSE OF GRAB: Rehandling / Dredging/ Others:

Operating Conditions: Land/ Indoor/ Deck/ Transhipper /Underwater

Unloading from: Vessels / Rail cars / Trucks / Others

OPERATION OF GRAB:

Type of Grab Scoops: Clamshell Type / Scissor Type / Orange Peel Type/ Tong Type/Grapple

Single rope drum operated (2 Strands):

Two rope drum operated (4 Strands):

Hydraulic closing:

MATERIAL HANDLED: Name of the material handled:

Characteristics of Material: Powder/ Free flowing / Lumps/ Sticky / Entangling/ Abrasive/Others

Bulk Density/ Tons/ CuM:

Average Size/ mm:

Repose Angle /Degrees:

SPECIFICATION OF CRANE

Maximum Lifting Capacity in Grab Operation/ Tons:

Two drum Crane (4 rope)

Single Drum Crane (2 rope)

Rope Size/ mm:

Distance between closing ropes/mm:

Distance between Closing Rope/mm:

Maximum Hoisting Height possible/mm:

Suspension of Grab: [please provide a sketch, if possible]

Rope orientation parallel to grab opening direction

Rope orientation right angle to grab opening direction

Rope orientation diagonal to the grab opening direction:

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SPUR GEAR
NUMBER OF TEETH
MODULE /DP
PRESSURE ANGLE
PITCH DIA
OUTSIDE DIA
TOOTH FORM
TOLERANCE CLASS
BORE DIA
KEYWAY/SPLINE SIZE AND STD
MATERIAL
HEAT TREATMENT
ROTATIONAL SPEED
TRANSMITTED TORQUE OR POWER

HELICAL GEAR
NUMBER OF TEETH
NORMAL MODULE /DP
NORMAL PRESSURE ANGLE
HELIX ANGLE
HAND OF HELIX
STD.PITCH DIA
OUTSIDE DIA
TOOTH FORM
TOLERANCE CLASS
BORE DIA
KEYWAY/SPLINE SIZE AND STD
MATERIAL

HEAT TREATMENT
ROTATIONAL SPEED
TRANSMITTED TORQUE OR POWER

SHAFT
LARGEST DIA
SMALLEST DIA
OVERALL LENGTH
SURFACE FINISH
CHAMFER / RADII
KEYWAY SIZE
KEY SIZE /SPLINE SIZE & STANDARD
MATERIAL
HEAT TREATMENT
ROTATIONAL SPEED
TRANSMITTED TORQUE OR POWER
BEARING SIZE

Others

SCREW CONVEYORS

HYDRAULIC CYLINDERS

HYDRAULIC POWER PACKS

PRESSURE VESSELS