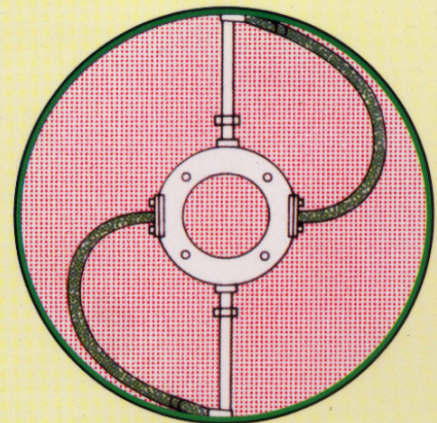
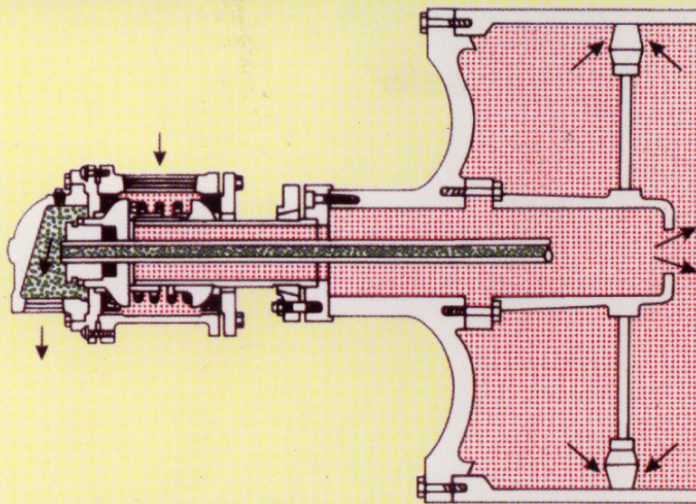
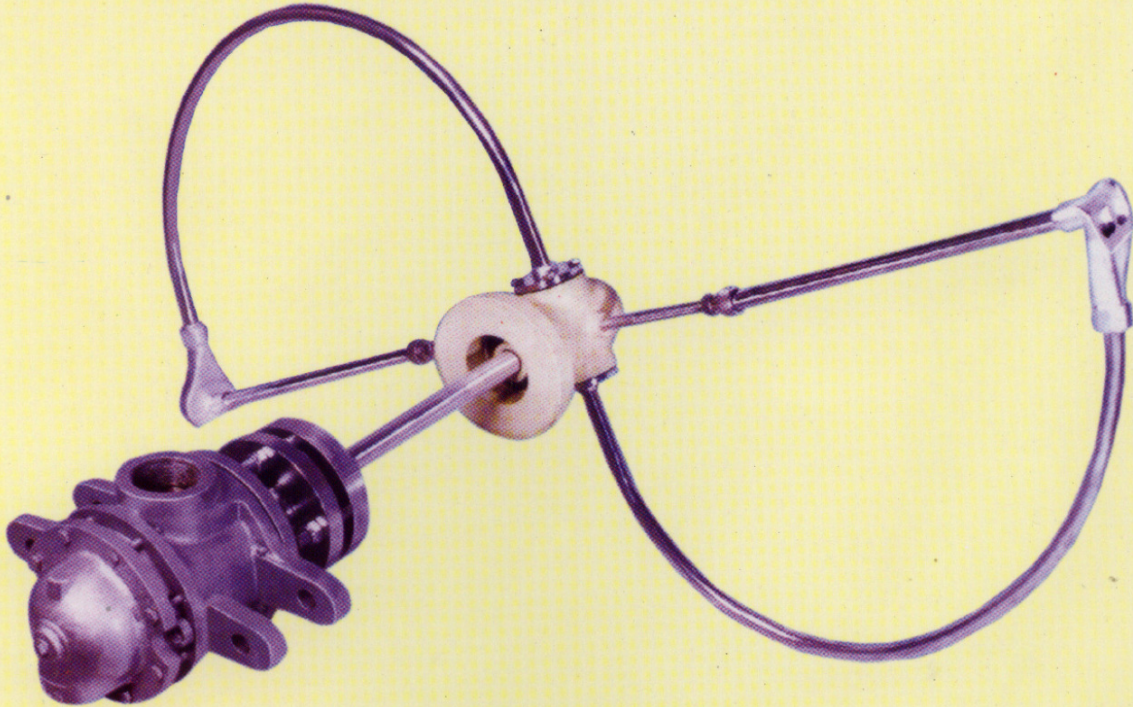


STAR

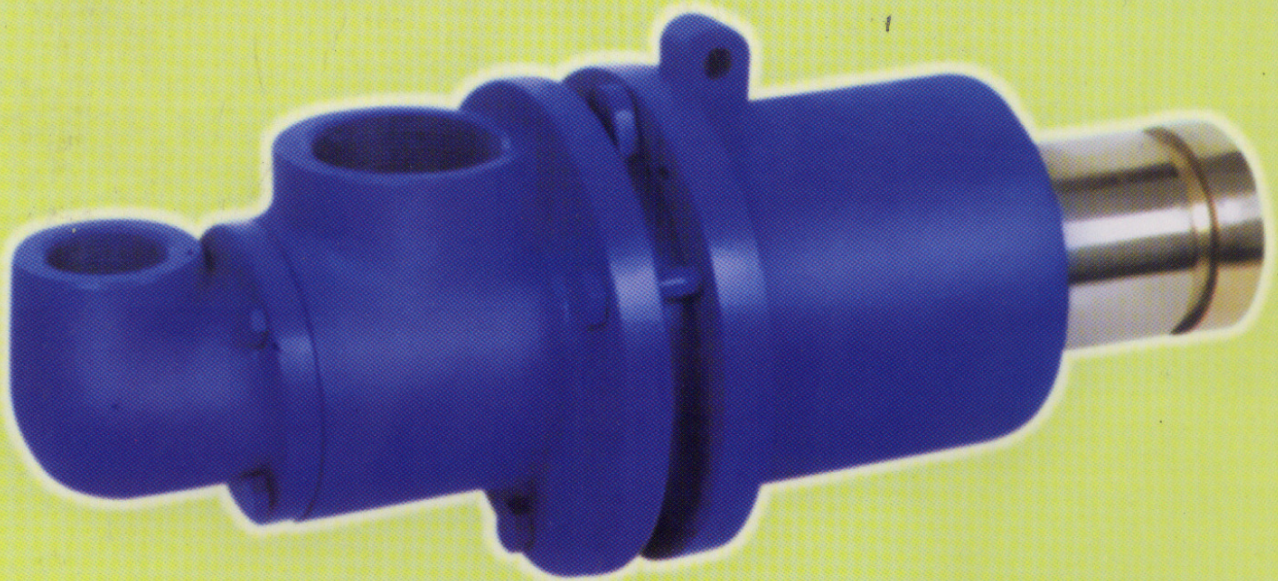
ROTARY PRESSURE JOINTS & ROTARY SYPHON COMBINATION FOR LOW SPEED MACHINE (SPEED 150 MPM TO 300 MPM)



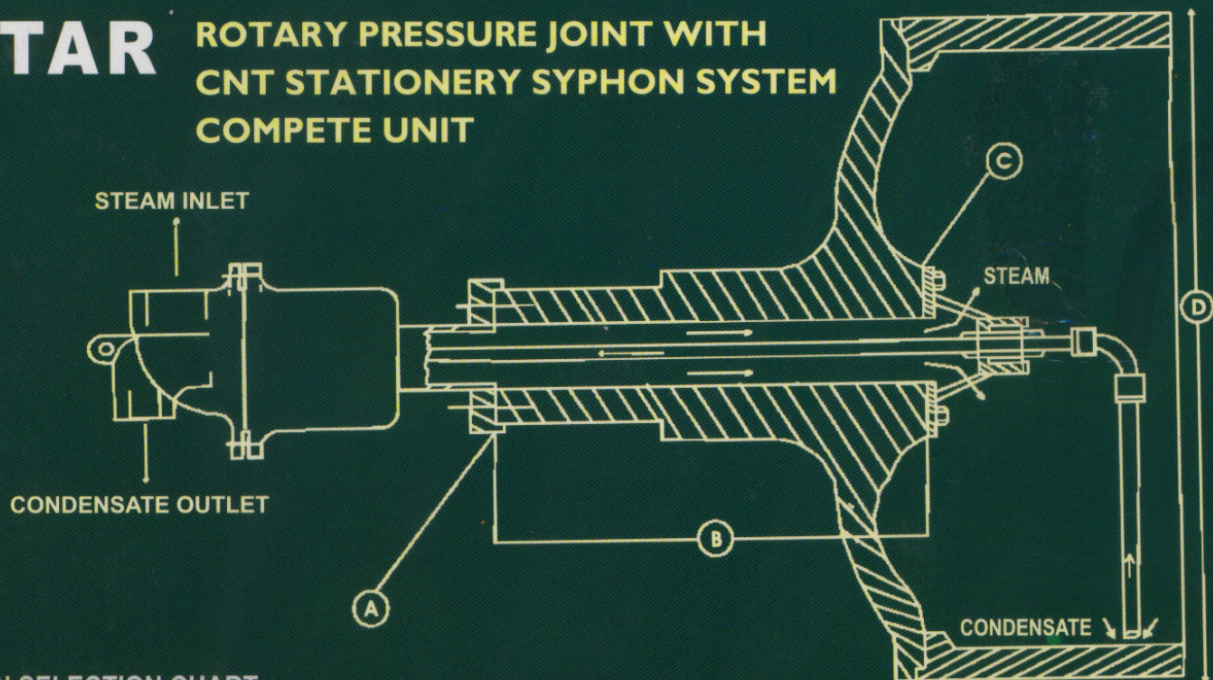
Important Benefits & Savings using STAR low speed unit

- Corrosion and erosion resistance, long operating life.
- Minimizes blow through.
- Optimal condensate evacuation with standard offering for common size dryer.
- Lower flow resistance.
- Easier installation.
- Standard flange, stable mounting, easy installation.
- Improved durability & mounting flexibility.
- Reduced operating torque, reduced stresser on syphon
- Scoop is placed close to dryer head & compared to other stationery syphon system.

STAR ROTARY PRESSURE JOINT WITH CNT STATIONERY SYPHON SYSTEM



STAR ROTARY PRESSURE JOINT WITH CNT STATIONERY SYPHON SYSTEM COMPLETE UNIT



SYPHON SELECTION CHART :

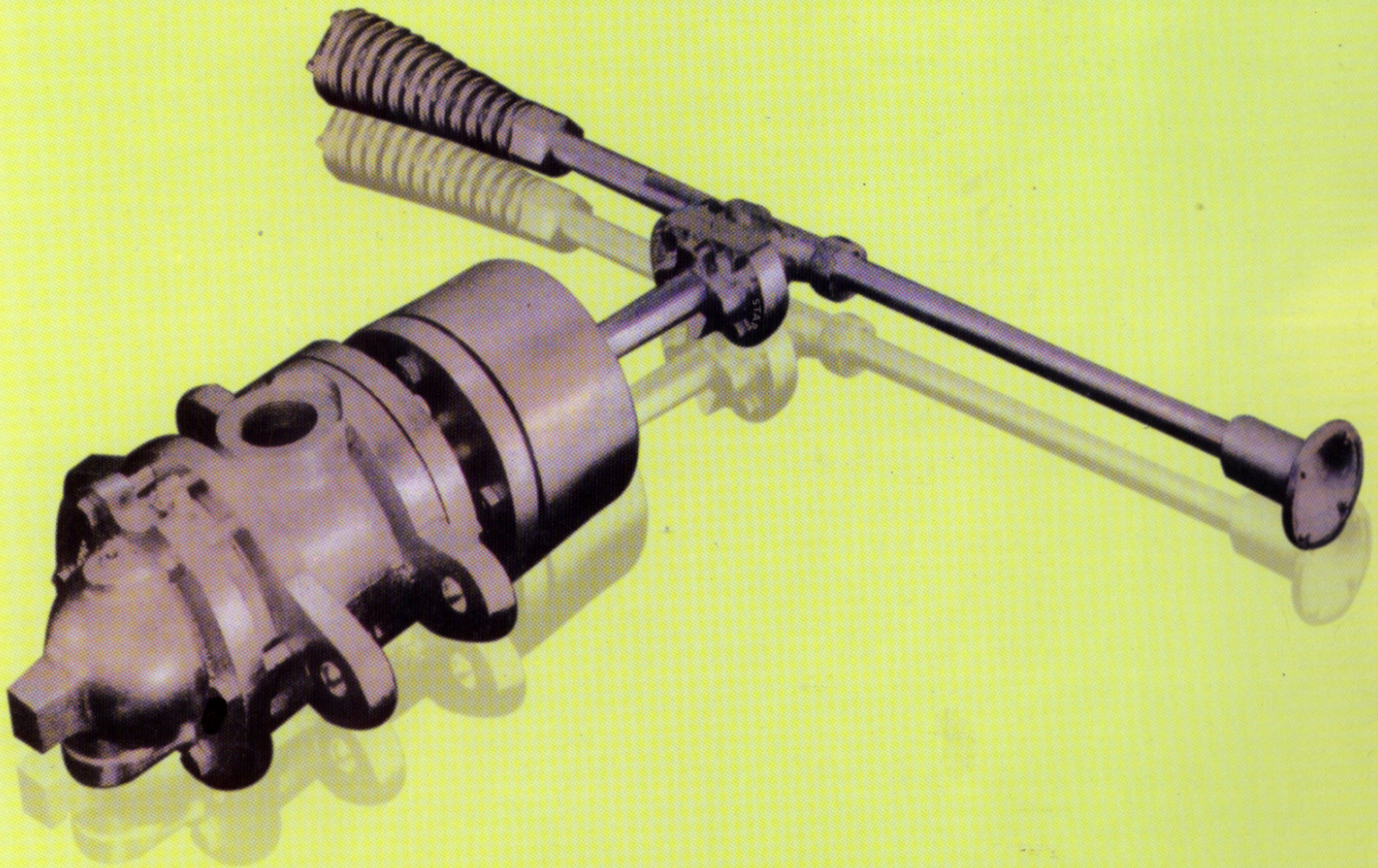
	Speed (mpm)	0	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000			
Stationery syphon																									
Stationery spring lock syphon elbow																									
Rotating scoop syphon																									
CNT Stationery syphon system																									
Rotating spring loaded syphon																									
High speed cantilever stationery syphon																									(upto 2000 mpm) clearance 1.5 to 5 mm



STAR ENGINEERING INDUSTRIES

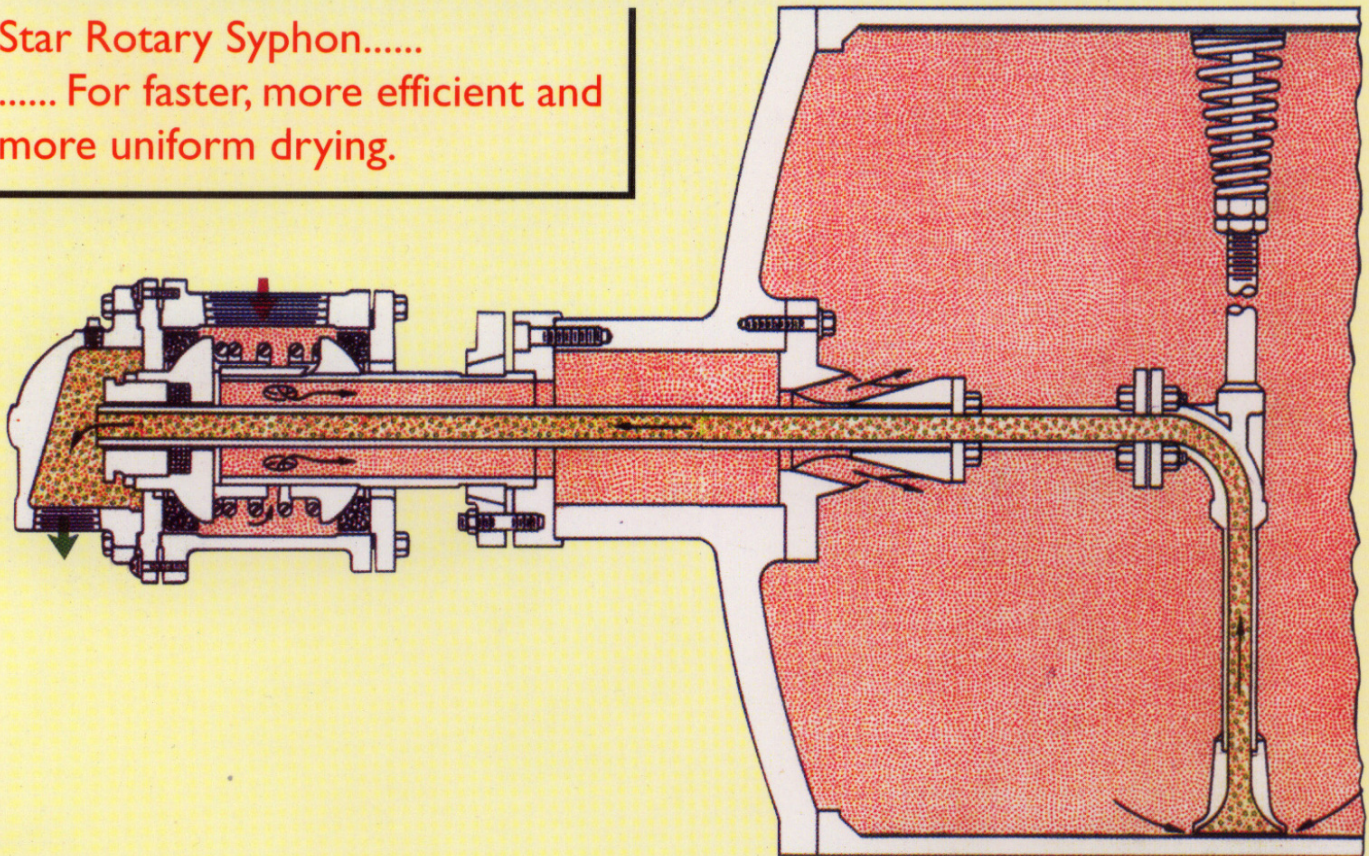
34, Pushpak Indl. Estate, Nika Tube Char Rasta, Plot No.123, Phase-I, G.I.D.C. Vatva, Ahmedabad-382445.
 (M) 97251 22211, 97258 22211 Ph.: 079-65220211 Tele Fax : 079-25830211
 E-mail : starengindia@yahoo.com Web : www.starrotaryjoint.com

**STAR ROTARY PRESSURE JOINTS
AND STAR ROTARY SYPHON
COMBINATION
(SPEED - 300 MPM TO 500 MPM)**



STAR ENGINEERING INDUSTRIES

**Star Rotary Syphon.....
..... For faster, more efficient and
more uniform drying.**



STEAM - enters joint, flows through ports in nipple, into dryer.



CONDENSATE - held to a uniform film against the dryer shell (in rimming stage).



CONDENSATE - with blow-through Steam and non-condensibles-evacuated by rotary syphon, through syphon pipe, and out the joint.

- * Light in weight-yet rugged construction.
- * Self-lubricating and Self-adjusting for varying pressures.
- * Minimum number of parts.
- * Positive seal between steam inlet and condensate outlet.
- * No special steam sealing required, even in low pressure or vacuum range.
- * Shipped as a unit for substantial savings in installation costs, unlike some steam joints which require expensive field assembly.
- * Support method permits Inspection of bearings, on some enclosed gear machines, without joint removal.
- * Better condensate evacuation from paper and felt dryers.
- * Higher temperature profile across the face of the dryer.
- * More uniform moisture content of the sheet across the face at the reel.
- * Reduction in thickness of condensate gradient...condensate rims at lower speed than with any other rotary or stationary syphon.
- * Reduction in horsepower required to drive the dryers.
- * Reduction in maintenance compared to conventional rotary and Stationary syphons.

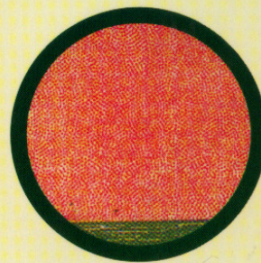


Figure - 2
Steam in dryer, but no rotation
Condensate Shown in color at bottom of dryer.

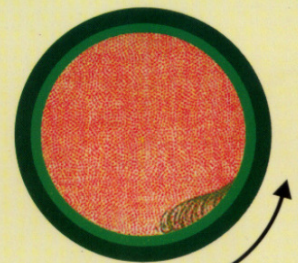


Figure - 3
1st Stage : Puddle. As dryer begins to turn condensate begins to move up dryer shell. Some rimming_thin film - occurs.

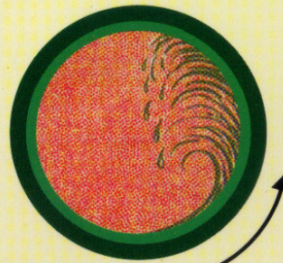


Figure - 4
2nd Stage : Violent Cascading action occurs as speed increases and more condensate moves further in the dryer shell. Film of rimming condensate Increases in thickness.

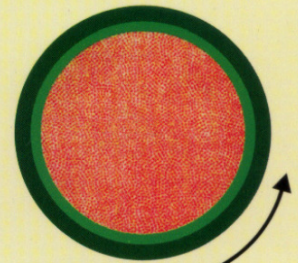
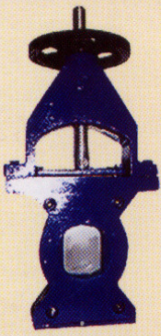


Figure - 5
3rd State : Complete Rimming. When sufficient speed is reached cascading action stops and complete rimming occurs.

PULP VALVES



'V' Notch type valve are useful for controlling / to maintain gsm/bf of paper

1	Body-Castiron
2	Frame - M.S
3	Gate - S.S. 304
4	Spindle - S.S. 304
5	Wheel CI With Chrome Plated
6	Spindle Nut Gun Metal

Size	A	B	C	D	E
50	380	375	305	179	41
80	406	388	370	179	48
100	465	480	380	179	48
125	555	545	423	225	53
150	603	622	445	225	57
200	700	613	485	225	58
250	800	790	610	267	65
300	970	1000	715	267	75

The pulp valves offered by us are widely used in various paper and pulp Industries for regulating the flow of semi solid materials. The valves are well appreciated for durability, tensile strength, corrosion & rust resistance and smooth functioning. These are low in maintance and high in performance and are available in variety of sizes and specifications. The pulp valves also finds application in various other areas like pulp & sugar industries etc.,

Our C.I Pulp valves can be availed in the size of 2", 4", 5", 6", 8", 10", 12" upto 18, thereby giving our customers multiple options to choose as per their requirements.



STAR ENGINEERING INDUSTRIES

34, Pushpak Indl. Estate, Nika Tube Char Rasta, Plot No.123,
Phase-I, G.I.D.C. Vatva, Ahmedabad-382445.

(M) 97251 22211, 97258 22211 Ph.: 079-65220211 Tele Fax : 079-25830211

E-mail : starengindia@yahoo.com Web : www.starrotaryjoint.com

FOR ROTATING SYPHON

SIZE : 2" TO 5" BSP

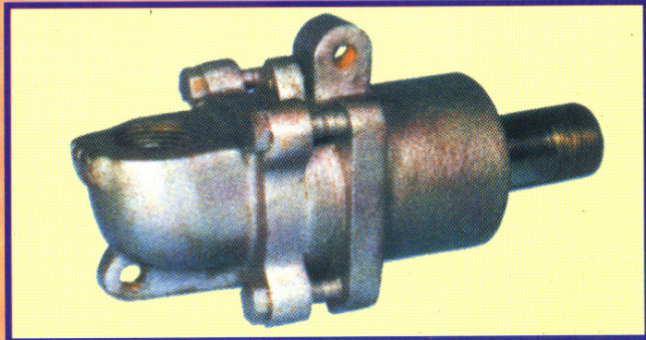
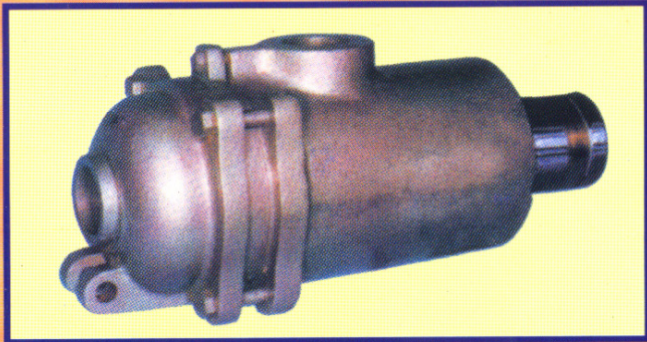
TYPE : 'SNQ' STAR joint

Quick Release Nipple

TYPE : 'SN' Threaded Nipple

for Bucket & Scoop type

MG & Dryers.



FOR THROUGH FLOW SERVICE

SIZE : 1/2" TO 4" BSP

TYPE : 'SAQ' STAR joint

Quick Release Nipple

TYPE : 'SA' Threaded Nipple

for water service & fluid

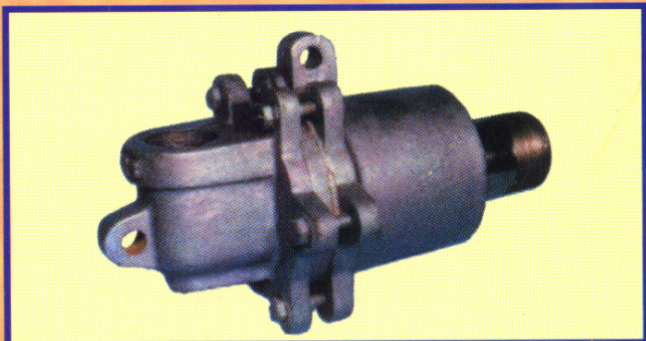
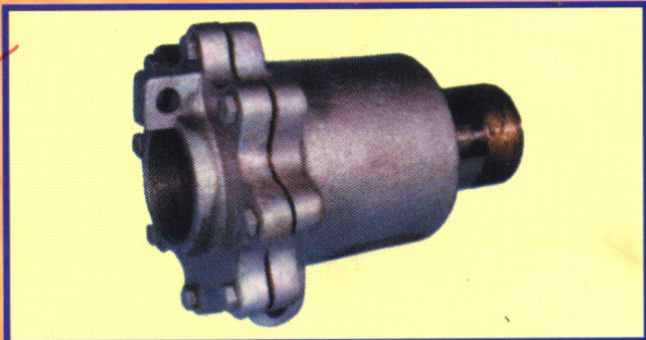
FOR THROUGH FLOW SERVICE

SIZE : 3/4" to 4" BSP

TYPE : 'SCQ' STAR joint Quick

Release Nipple

TYPE : 'SC' Threaded Nipple



FOR STATIONERY SYPHON

SIZE : 1/2" to 4" BSP

TYPE : 'SBPQ' STAR joint Quick

Release Nipple

TYPE : 'SBP' Threaded Nipple

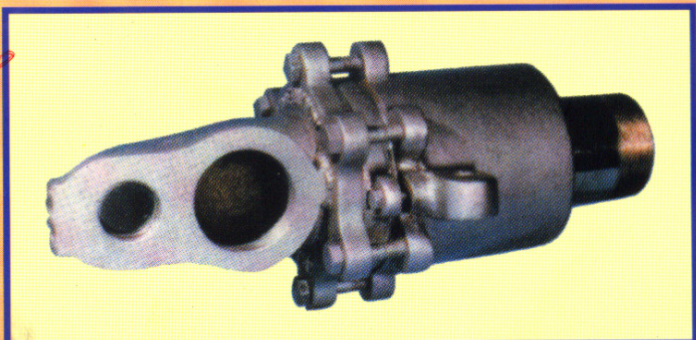
FOR STATIONERY SYPHON

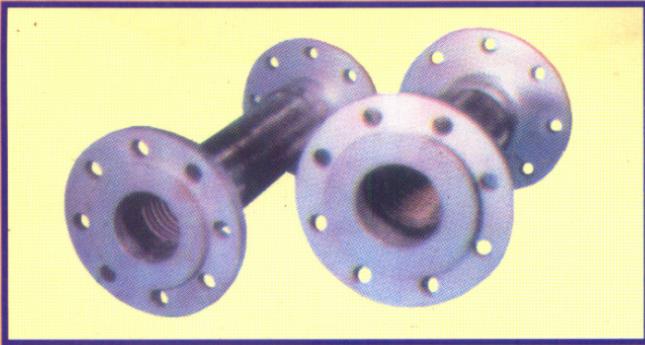
SIZE : 3/4" to 4" BSP

TYPE : 'SDPQ' STAR joint

Quick Release Nipple

TYPE : 'SDP' Threaded Nipple





FOR FLEXIBLE HOSES

SIZE : 1/2" TO 6"

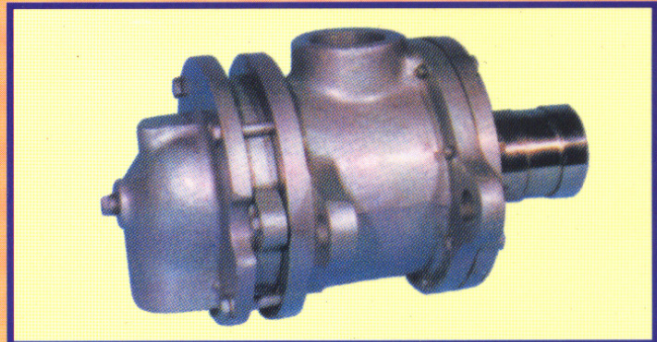
S S Corrugated bellow type steam flexible Hoses with S. S. wire over braided with both side end connection as per requirements

FOR ROTATING SYPHON

SIZE : 2" to 6" BSP

TYPE : 'L-NARQ' STAR Joint
Quick Release Nipple

TYPE : 'L-NAR' Threaded Nipple
For Bucket & Scoop type
MG & Dryers



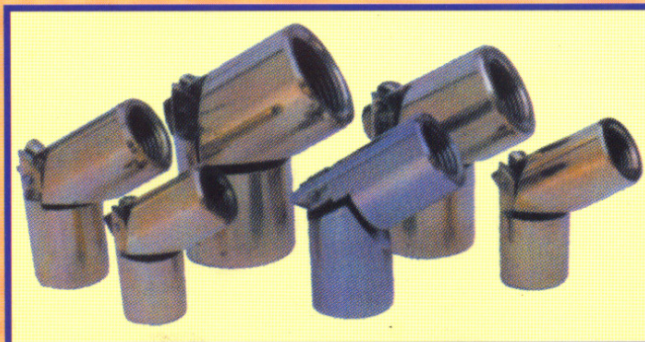
BALL FLOAT STEAM TRAP

BFH 1OSLR - Ball Float Steam Trap

(Horizontal) with Steam Lock Release
arrangement size 1/2" to 2"

CARBON GRAPHITE RINGS

Carbon Graphite ring &
carbon filled
teflon rings for rotary Pressure
Joint & as per your drawing



SYPHON ELBOW

Size : 1/4" to 1" Made from G. M. &

S. S. Solid bar with

S. S. Seat, Hinge & cap



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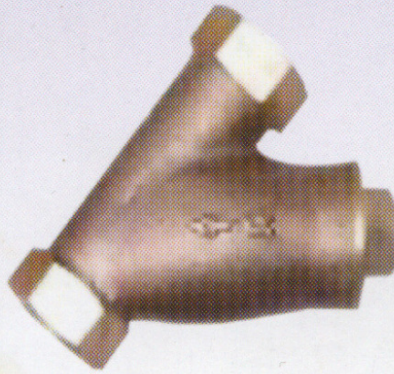
ENGINEERING INDUSTRIES

OUR QUALITY IS YOUR SECURITY

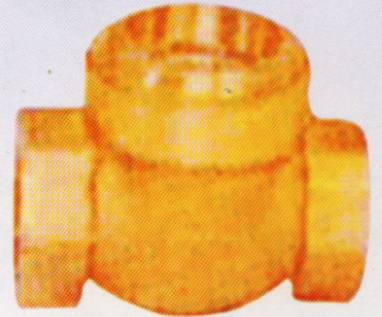
S.S or M.S Vertical Sight Glass
Size : 1/2" to 2"



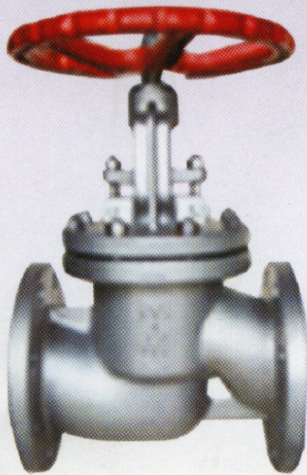
C.I, G.M 'Y' type stainer
Size : 1/2" to 2"



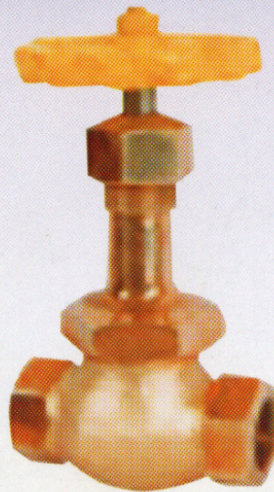
G.M Sight Glass Single Window type
Size : 1/2" to 2"



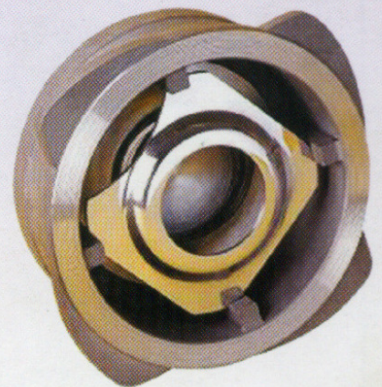
C.I., C.S., S.S. Globe Valves
Size : 1/2" to 8"

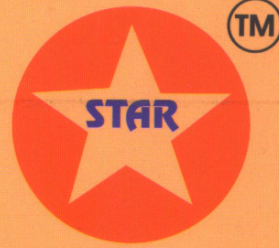


G.M Globe valve
Size : 1/2" to 3"

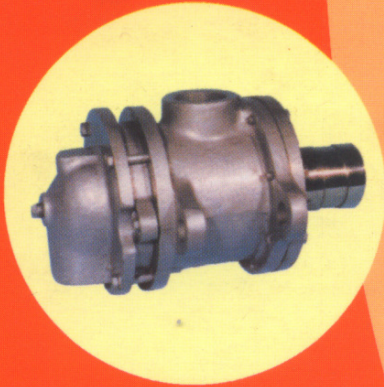


Disc check valve (NRV)
Size : 1/2" to 2"

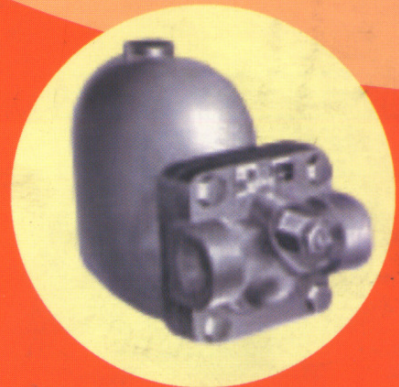
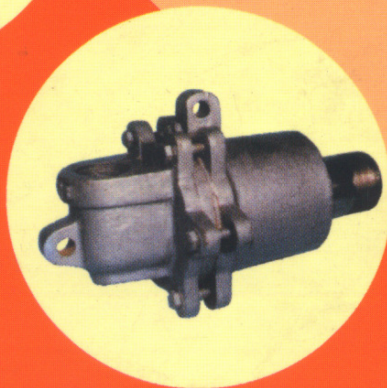




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- ★ ROTARY PRESSURE JOINTS
- ★ CARBON GRAPHITE RINGS
- ★ CARBON FILLED TEFLON RING PRODUCTS



Our Quality is your security