- + CMYK

>P SUPERSLICK PUMPS

Installation Options

INST#1: Re-circulation, without low level priming

The pump is mounted close to the feed tank at a level such that the impeller is flooded and, thus, the pump is automatically primed whenever the liquid level reaches a certain maximum height in the tank. The pump will deliver liquid untill the suction pipe becomes uncovered, when it runs dry untill liquid level is restored to the original priming level. This cycle can be repeated indefinitely. This is common in recirculation service (Gas Scrubbing etc). Fully open valve 'A'. Allow liquid level to rise in supply tank to overflow level 'D'. Close valve 'B'. Start pump. Open valve 'B' for required flow.

INST#2: Where Low Level Priming is Required

Close valve 'A' & 'B'. Open valve 'D' untill liquid flows out of 'C'. Start pump and immediately open valve 'A' fully. Close valve 'D'. Open valve 'B' gradually for required flow. Or alternatively, use foot valve in suction pipe for clear liquids.

INST#3: Where Priming at all levels is Required

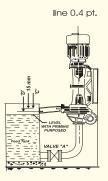
Close valve 'A' & 'B'. Open valve 'D' Fill priming tank to overflow 'C'. Start pump. Open valve 'A'. Close valve 'D' and open valve 'B' for required flow.

INST#4: Printing at all levels reqd without re-circulation

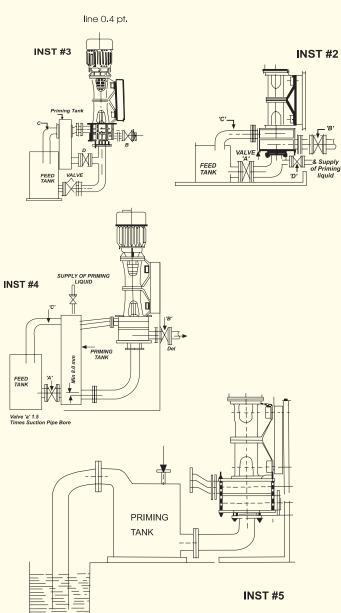
Close valve 'A' & 'B'. Fill priming tank,. start pump. Open valve 'A' gradually until fully open. Open valve 'B' for required flow. Valve 'A' must be atleast 1.5 times in bore than suction pipe from priming tank to the pump.

INST#5: For pits using Priming Tank, without foot valve

Install priming tank (made as per our drg) very close to the pit. Horizontal portion of pipe from tank to the pit must slant downward and must have maximum submergence with adequate distance from pit bottom as per engineering practice. All sections between pump suction and pit (pipe between pump section & priming tank, tank & its priming inlet/air vent connections, pipe from priming tank to the pit) must be air tight. Fill priming tank with water through inlet at top while expelling air though air vent. Close valves in priming inlet & air vent. Overflow pipe is taken to pit through free gravity flow. Keep overflow discharge pipe to the pit as far away from the suction pipe to avoid vortices. Start pump by gradually opening the valve in the delivery pipe to required flow. PROVIDE NRV CLOSE TO PUMP DELIVERY NOZZLE TO AVOID SIPHONING. As the pump draws liquid from priming tank, vaccum is created inside the tank that sucks liquid from the pit. Level control switches in the pit can prevent emptying of priming tank and the whole operation can be made automatic without operator control.



TANK OVERFLOW 'D' IS TO PREVENT LIQUID LEVEL RISING IN PUMP BODY VALVE 'A' FEED TANK



SUPERSLICK LININGS + SPARES

D-9, Nand Jyot Industrial Estate, Saki Naka, Mumbai-400 072, INDIA.

Phone: (91)(22) 2851 1278 - Fax: (91)(22) 2851 5459

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Website: www.superslickpump.com

SUPERSLICK

UHMWPE POLYMER VERTICAL GLANDLESS PUMP 'SSL'

For the widest range of highly corrosive & abrasive fluids



- No mechanical seal or gland packing
- Heavy duty double bearing design
- Proven history in tough applications
- Reliable, durable performance from sub-zero to 90°C
- Coupling connection facilitates motor fitment
- Dry running feature reduces maintenance headaches



>P SUPERSLICK PUMPS

Supersick Vertical Glandless Pump - 'SSL'

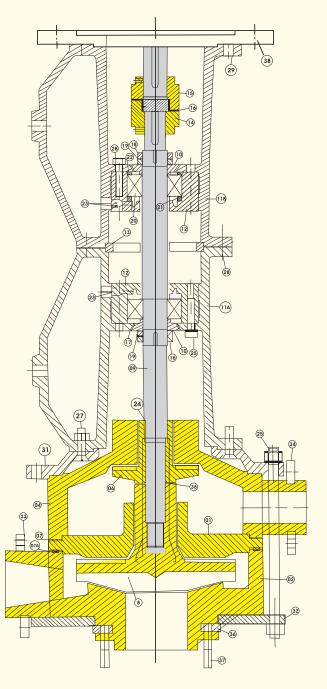
Pumping of corrosive and abrasive slurries has always been a problem with horizontal pumps. 'SSL' Vertical pumps have been developed to eliminate the limitations of conventional horizontal centrifugal pumps, submersible pumps, diaphragm pumps and magnetic seal-less pumps. 'SUPERSLICK' Vertical Gladless Pump 'SSL' has a few important design and construction features that score over other types of pumps.

The 'SSL' pump has a very sturdy bearing housing design with two heavy-duty bearings. The outboard thrust bearing is a double-row angular contact known for its greater capacity for both radial and thrust loads. The inboard is a double-row, self-aligning bearing suitable for heavy loads, high speeds and long bearing spans.

Unique design without mechanical seal or packed gland eliminates one major cause of pump failure and consequent operation & maintenance headaches.

Leak-proof pumping of highly corrosive & abrasive fluids: Strong & Dilute Acids Alkalis, Raw Effluents, Pickling & Electroplating Solutions, Gas Washing & Scrubbing Systems (SO₂, Cl₂, HCI, F₂, Ammonia)

MOUNTED OUTSIDE SUCTION TANK, EASILY ACCESSIBLE. EASY TO HANDLE & MAINTAIN



37 SUCTION FLG STUDS 36 IMPELLER-VT GASKET 35 SUCTION SPLIT RING 34 OVERFLOW FLANGE 33 DELIVERY FLANGE 33 DELIVERY FLANGE 31 INTERMEDIATE MS 31 INTERMEDIATE FLANGE 30 STL 28 BEARING BOLTS 27 INT. FLG. BOLTS 28 HOLDING STUDS 29 HOTOR STUDS 30 SS 24 ADJUSTING SLEEVE 31 GREASE NIPPLE 32 LOCKING RING OUTB'D 32 LOCKING RING OUTB'D 34 CHECK NUTS 35 STD 36 CHECK NUTS 37 STD 37 BEARING INBOARD 38 STD 39 STD 30 STD 30 STL 30 STL 31 INTERMEDIATE FLANGE 30 MS 30 STL 30 STL 30 STL 31 INTERMEDIATE FLANGE 30 MS 30 STL 30 STL 31 INTERMEDIATE FLANGE 30 MS 30 STL 30 STL 31 INTERMEDIATE STL 31 INTERMEDIATE STL 32 BRG HSG BOLTS 35 STL 36 BRG HSG BOLTS 37 GREASE NIPPLE 38 STD 39 STD 30 STD 30 STD 30 STD 31 LOCKING RING OUTB'D 31 COUPLING SPACER 31 COUPLING SPACER 31 COUPLING SPACER 31 COUPLING PUMP SIDE 31 CENTERING RING 41 COUPLING OUTB'D 42 COUPLING PUMP SIDE 43 CARRIER 44 COUPLING OUTB'D 55 CLI 56 CARRIER 57 GASKET INTBOARD 57 GASKET INTBOARD 57 GASKET INTBOARD 57 GASKET INTBOARD 57 GASKET OUTBOARD 58 SHAFT 58 CHECK NUMPE SUBBER 59 SHAFT 50 GASKET OUTBOARD 50 PTFE/ASBESTOS 50 UHMWPE 51 BACK COVER 51 UHMWPE	30	SPACER PLATE (OPT)	1013
35 SUCTION SPLIT RING 34 OVERFLOW FLANGE MS 32 CLAMP PLATE MS 31 INTERMEDIATE FLANGE MS 30 STL 29 MOTOR BOLTS STL 28 BEARING BOLTS STL 27 INT. FLG. BOLTS STL 26 BRG HSG BOLTS STL 25 HOLDING STUDS SS 24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE STD 22 LOCKING RING OUTB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11B BRG HOUSING INB'D C.I. 11A BRG HOUSING INB'D C.I. 11B BRG HOUSING INB'D C.I. 11D GREASE VALVE EN-8	37	SUCTION FLG STUDS	SS
34 OVERFLOW FLANGE MS 32 CLAMP PLATE MS 32 CLAMP PLATE MS 31 INTERMEDIATE FLANGE MS 30 29 MOTOR BOLTS STL 28 BEARING BOLTS STL 27 INT. FLG. BOLTS STL 26 BRG HSG BOLTS STL 25 HOLDING STUDS SS 24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE STD 22 LOCKING RING OUTB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 17 BEARING INBOARD STD 18 CHECK NUTS STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11B BRG HOUSING INB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING INB'D C.I. 11B BRG HOUSING INB'D C.I. 11A BRG HOUSING INB'D C.I. 11B BRG H	36	IMPELLER-VT GASKET	PTFE
33 DELIVERY FLANGE MS 32 CLAMP PLATE MS 31 INTERMEDIATE FLANGE MS 30 29 MOTOR BOLTS STL 28 BEARING BOLTS STL 27 INT. FLG. BOLTS STL 26 BRG HSG BOLTS STL 25 HOLDING STUDS SS 24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE STD 22 LOCKING RING OUTB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 17 BEARING INBOARD STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11B BRG HOUSING HIMW'S C.I. 11B BR	35	SUCTION SPLIT RING	MS
32 CLAMP PLATE MS 31 INTERMEDIATE FLANGE MS 30 29 MOTOR BOLTS STL 28 BEARING BOLTS STL 27 INT. FLG. BOLTS STL 26 BRG HSG BOLTS STL 25 HOLDING STUDS SS 24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE STD 22 LOCKING RING OUTB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 19 LOCKING WASHER STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING MOTOR SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11O GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+PB 1 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	34	OVERFLOW FLANGE	MS
31 INTERMEDIATE FLANGE 30 29 MOTOR BOLTS 28 BEARING BOLTS 27 INT. FLG. BOLTS 26 BRG HSG BOLTS 25 HOLDING STUDS 28 GREASE NIPPLE 29 LOCKING RING OUTB'D 30 MS 31 LOCKING RING OUTB'D 31 LOCKING RING OUTB'D 32 BEARING OUTBOARD 33 GREASE NIPPLE 34 CHECK NUTS 35 STD 36 STD 37 BEARING INBOARD 37 BEARING INBOARD 38 COUPLING SPACER 38 COUPLING MOTOR SIDE 39 COUPLING MOTOR SIDE 30 CENTERING RING 30 MS 31 CENTERING RING 31 CENTERING OUTB'D 31 CENTERING RING 31 CENTERING OUTB'D 31 CENTERING RING 31 CENTERING OUTB'D 31 CENTERING OUTB'D 41 COUPLING PUMP SIDE 41 COLL 41 COUPLING PUMP SIDE 42 BRG CARRIER 43 BRG HOUSING OUTB'D 44 COUPLING PUMP SIDE 55 C.I. 56 C.I. 57 GASKET INTBOARD 57 GASKET INTBOARD 57 GASKET OUTBOARD 58 CHECK 57 UHMWPE 58 UHMWPE 59 UHMWPE 50 UHMWPE 50 UHMWPE 50 UHMWPE 51 UHMWPE	33	DELIVERY FLANGE	MS
29 MOTOR BOLTS 28 BEARING BOLTS 27 INT. FLG. BOLTS 26 BRG HSG BOLTS 25 HOLDING STUDS 27 ADJUSTING SLEEVE 28 MS 29 MS 29 MOTOR BOLTS 20 BRG HSG BOLTS 21 LOCKING RING OUTB'D 22 LOCKING RING OUTB'D 23 GREASE NIPPLE 24 LOCKING RING INB'D 25 BEARING OUTBOARD 26 BEARING OUTBOARD 27 LOCKING WASHER 28 STD 29 LOCKING WASHER 29 SHARING INBOARD 31 COUPLING SPACER 31 COUPLING SPACER 31 COUPLING MOTOR SIDE 31 CENTERING RING 31 CENTERING OUTB'D 41 COLL 41 BRG HOUSING OUTB'D 51 C.I. 51 GREASE VALVE 51 EN-8 52 SHAFT 53 CASKET INTBOARD 54 PTFE/ASBESTOS 55 CASKET OUTBOARD 56 VANE THROWER 57 GASKET OUTBOARD 58 UHMWPE+PB 58 UHMWPE+PB 59 LOWER CASING 57 UHMWPE	32	CLAMP PLATE	MS
29 MOTOR BOLTS 28 BEARING BOLTS 27 INT. FLG. BOLTS 26 BRG HSG BOLTS 25 HOLDING STUDS 25 HOLDING STUDS 26 ADJUSTING SLEEVE 27 MS 28 MS 29 MS 29 MS 20 MS 20 MS 21 LOCKING RING OUTB'D 20 MS 21 LOCKING RING INB'D 21 LOCKING WASHER 21 LOCKING WASHER 22 LOCKING WASHER 23 GREASE NIPPLE 31 STD 32 MS 34 MS 35 MS 36 MS 37 MS 38 MS 39 MS 30 MS 30 MS 31 MS 31 CENTERING MOTOR SIDE 31 CENTERING RING 31 CENTERING RING 31 MS 31 MS 31 MS 31 MS 31 MS 31 MPELLER 31 MOTOR BOLTS 31 MS 31 MPELLER 32 UHMWPE 33 IMPELLER 31 MS 31 MPELLER 41 UHMWPE 41 MMWPE 41 MMWPE	31	INTERMEDIATE FLANGE	MS
28 BEARING BOLTS 27 INT. FLG. BOLTS 26 BRG HSG BOLTS 25 HOLDING STUDS 24 ADJUSTING SLEEVE 23 GREASE NIPPLE 22 LOCKING RING OUTB'D 30 BEARING OUTBOARD 31 LOCKING WASHER 31 CHECK NUTS 31 BEARING INBOARD 31 COUPLING SPACER 31 COUPLING MOTOR SIDE 31 COUPLING MOTOR SIDE 31 COUPLING MOTOR SIDE 31 COUPLING MOTOR SIDE 31 COUPLING PUMP SIDE 31 CENTERING RING 31 CENTERING RING 31 CENTERING OUTB'D 41 COUPLING PUMP SIDE 41 COUPLING PUMP SIDE 5TD	30		
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26 BRG HSG BOLTS 25 HOLDING STUDS 24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE 22 LOCKING RING OUTB'D MS 21 LOCKING RING INB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 11A BRG HOUSING INB'D CI. 10 GREASE VALVE PSHAFT O7A GASKET INTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+PB 1 IMPELLER UHMWPE 1 BACK COVER UHMWPE	28	BEARING BOLTS	STL
25 HOLDING STUDS 24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE STD 22 LOCKING RING OUTB'D MS 21 LOCKING RING INB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE SHAFT O7A GASKET INTBOARD PTFE/ASBESTOS OF GASKET OUTBOARD WINDER ADJUSTING UHMWPE MS MS 4 UPPER BODY UHMWPE UHMWPE 1 BACK COVER UHMWPE	27	INT. FLG. BOLTS	STL
24 ADJUSTING SLEEVE MS 23 GREASE NIPPLE STD 22 LOCKING RING OUTB'D MS 21 LOCKING RING INB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE 1 BACK COVER UHMWPE	26	BRG HSG BOLTS	STL
23 GREASE NIPPLE 22 LOCKING RING OUTB'D 31 LOCKING RING INB'D 40 BEARING OUTBOARD 510 LOCKING WASHER 510 LOCKING WASHER 511 BEARING INBOARD 512 BEARING INBOARD 513 CENTERING RING 514 COUPLING PUMP SIDE 515 COUPLING PUMP SIDE 516 COUPLING OUTB'D 517 BEARING RING 518 CENTERING RING 519 BRG CARRIER 510 CI. 510 GREASE VALVE 5110 GREASE VA	25	HOLDING STUDS	SS
22 LOCKING RING OUTB'D MS 21 LOCKING RING INB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	24	ADJUSTING SLEEVE	MS
21 LOCKING RING INB'D MS 20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	23	GREASE NIPPLE	STD
20 BEARING OUTBOARD STD 19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	22	LOCKING RING OUTB'D	MS
19 LOCKING WASHER STD 18 CHECK NUTS STD 17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER 4 UPPER BODY UHMWPE 1 BACK COVER UHMWPE	21	LOCKING RING INB'D	MS
18CHECK NUTSSTD17BEARING INBOARDSTD16COUPLING SPACERRUBBER15COUPLING MOTOR SIDESTD14COUPLING PUMP SIDESTD13CENTERING RINGMS12BRG CARRIEREN-811BBRG HOUSING OUTB'DC.I.11ABRG HOUSING INB'DC.I.10GREASE VALVEEN-89SHAFTEN-807AGASKET INTBOARDPTFE/ASBESTOS7GASKET OUTBOARDPTFE/ASBESTOS6VANE THROWERUHMWPE+GM4UPPER BODYUHMWPE3IMPELLERUHMWPE+PB2LOWER CASINGUHMWPE1BACK COVERUHMWPE	20	BEARING OUTBOARD	STD
17 BEARING INBOARD STD 16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	19	LOCKING WASHER	STD
16 COUPLING SPACER RUBBER 15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	18	CHECK NUTS	STD
15 COUPLING MOTOR SIDE STD 14 COUPLING PUMP SIDE STD 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	17	BEARING INBOARD	STD
14 COUPLING PUMP SIDE 13 CENTERING RING MS 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD 7 GASKET OUTBOARD FTFE/ASBESTOS 6 VANE THROWER 4 UPPER BODY UHMWPE 1 BACK COVER UHMWPE 1 BACK COVER UHMWPE UHMWPE	16	COUPLING SPACER	RUBBER
13 CENTERING RING 12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE 1 BACK COVER UHMWPE	15	COUPLING MOTOR SIDE	STD
12 BRG CARRIER EN-8 11B BRG HOUSING OUTB'D C.I. 11A BRG HOUSING INB'D C.I. 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	14	COUPLING PUMP SIDE	STD
11BBRG HOUSING OUTB'DC.I.11ABRG HOUSING INB'DC.I.10GREASE VALVEEN-89SHAFTEN-807AGASKET INTBOARDPTFE/ASBESTOS7GASKET OUTBOARDPTFE/ASBESTOS6VANE THROWERUHMWPE+GM4UPPER BODYUHMWPE3IMPELLERUHMWPE+PB2LOWER CASINGUHMWPE1BACK COVERUHMWPE	13	CENTERING RING	MS
11A BRG HOUSING INB'D 10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	12	BRG CARRIER	EN-8
10 GREASE VALVE EN-8 9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	11B	BRG HOUSING OUTB'D	C.I.
9 SHAFT EN-8 07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	HA	BRG HOUSING INB'D	C.I.
07A GASKET INTBOARD PTFE/ASBESTOS 7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE I BACK COVER UHMWPE	10	GREASE VALVE	EN-8
7 GASKET OUTBOARD PTFE/ASBESTOS 6 VANE THROWER UHMWPE+GM 4 UPPER BODY UHMWPE 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	9	SHAFT	EN-8
6 VANE THROWER 4 UPPER BODY 3 IMPELLER 4 UHMWPE+BB 2 LOWER CASING 1 BACK COVER UHMWPE 1 UHMWPE	07A	GASKET INTBOARD	PTFE/ASBESTOS
4 UPPER BODY 3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	7	GASKET OUTBOARD	PTFE/ASBESTOS
3 IMPELLER UHMWPE+PB 2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	6	VANE THROWER	UHMWPE+GM
2 LOWER CASING UHMWPE 1 BACK COVER UHMWPE	4	UPPER BODY	UHMWPE
I BACK COVER UHMWPE	3	IMPELLER	UHMWPE+PB
	2	LOWER CASING	UHMWPE
P.N DESCRIPTION MATERIAL	1	BACK COVER	UHMWPE
	P.N	DESCRIPTION	MATERIAL

38 SPACER PLATE (OPT) MS

Materials

All wetted parts (casings, impeller, thrower, intermediate casing) are moulded to shape in UHMWPE polymer in solid sturdy construction for durable and optimum performance. UHMWPE is the toughest of all thermoplastics having the highest wear resistance to abrasive fines in corrosive media.

Range: Temperature from sub-zero to 90°C; Flow to 600M³/H, Heads to 80M

PERFORMANCE CURVES

