



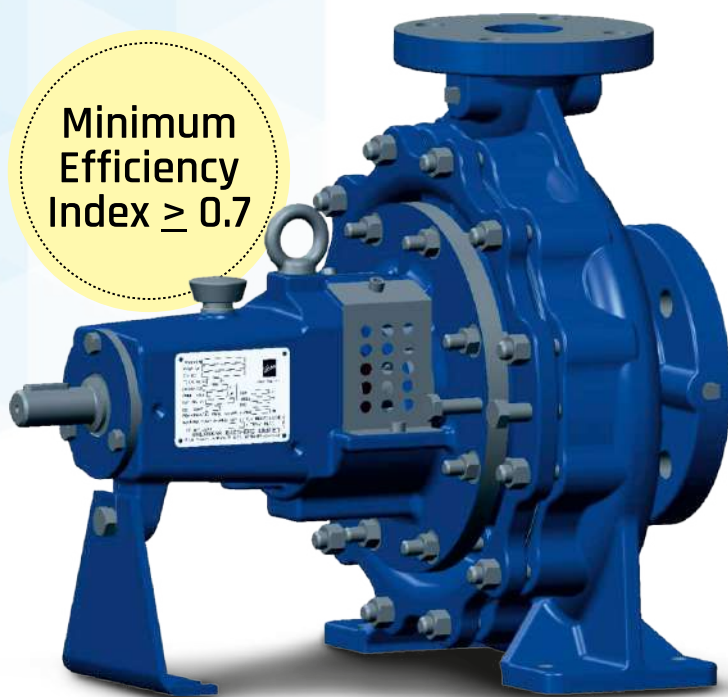
Enriching Lives

Upgraded experience
with upgraded version.

DBxe

End Suction Pump

Minimum
Efficiency
Index ≥ 0.7



Operating Range

Delivery size : 32 to 150 mm

Capacity : Up to 550 m³/hr

Head : Up to 100 meters

Speed : 1450 & 2900 rpm, 1760 & 3500 rpm

Working Pressure : ≤ 16 kg/cm² (MAWP)

Temperature : -10 to +120°C

Applications

- > Water supply
- > Sprinkler
- > Condensate
- > Industrial water
- > Swimming pool water
- > Drinking water/Potable water
- > Monomers in paint industry
- > Cooling water
- > Air conditioning
- > Clean juice in sugar industry
- > Light chemicals
- > Firefighting equipment
- > Solvent in pharma industry
- > Alcohol in distillery

Material Of Construction

Pump Casing/ Casing Cover : Cast Iron / CF8M / CF8

Impeller : Cast Iron / Bronze / CF8M / CF8

Wear Rings : Cast Iron / Bronze / SS316 / SS304

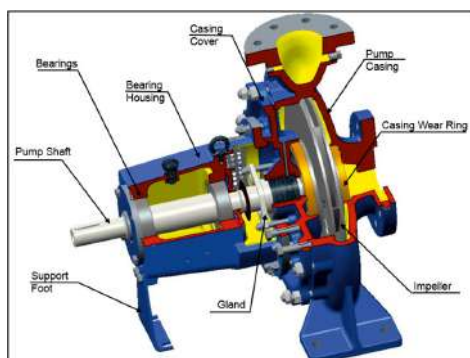
Pump Shaft : CS 45C8 / ASTM-A-276 : SS410 / SS316 / SS304

Shaft Sleeve : ASTM-A-276 : SS410 H / SS316 / SS304

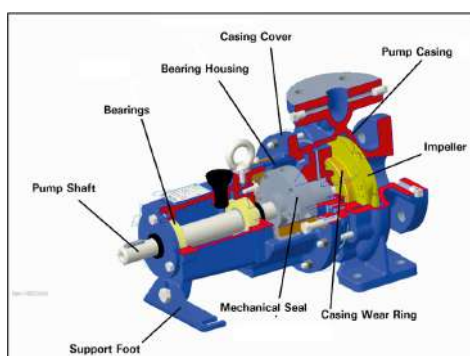
Construction Features

- > Centerline delivery with self-venting feature
- > Back pullout type design
- > Pump is having dry shaft design
- > **Stuffing box sealing :** Gland Packing / Mechanical seal (DIN and Cartridge)
- > **Flange drilling :** BSEN 1092-PN-16 FF (standard)
ANSI B16.1 CL-125 FF (optional)
BSEN 1092-PN-16 RF
(only for SS casing) (standard)
ANSI B16.5 CL-150 RF
(only for SS casing) (optional)
- > **Lubrication :** Pre-lubricated grease sealed bearings (standard) / Oil-lubricated bearings (Optional)
- > Pumps can be offered with CE marking
- > Dimensions are fully conforming to EN733 (except 32/26 and 150/26)

Cut Section

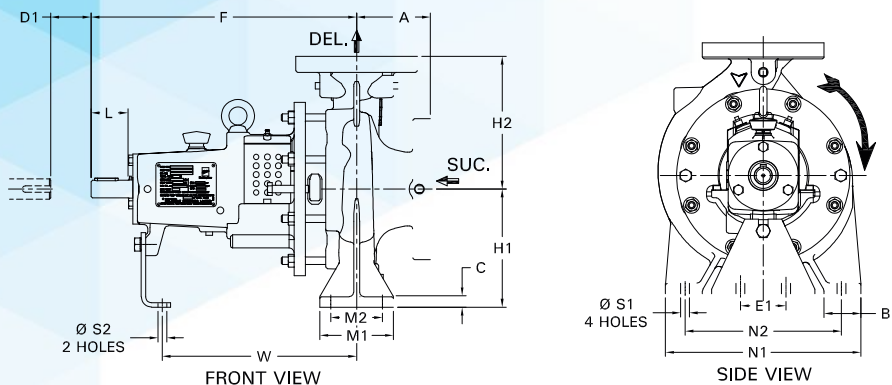


PUMP - GLAND PACKING



PUMP - MECHANICAL SEAL

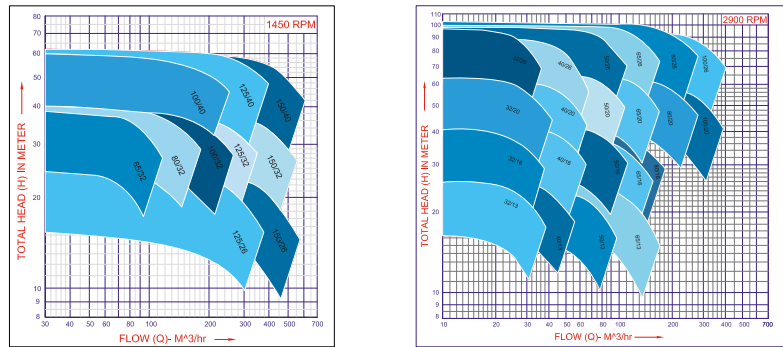
Outline Drawing of Kirloskar DBxe Pumps



D1- BACK PULL OUT DISTANCE REQUIRED BETWEEN MOTOR SHAFT END AND PUMP SHAFT

SIZE	UNIT NO.	PUMP DIMENSIONS						FOOT DIMENSIONS										SHAFT END										
		DEL	SUC.	a	f	h1	h2	b	c	m1	m2	n1	n2	Øs1	e1	Øs2	w	Ød	l	y	x	D1	WT.					
32/13	25			80	360	112	140	50	14	100	70	190	140		100									30				
32/16	25A	32	50			132	160		14			27	8		34													
32/20	25					160	180		14			27	8		39													
32/26	25A			100		180	225	65	14	125	95	320	250										56					
40/13	25	40	65	80		112	140	50	14	100	70	210	160		100									31				
40/16	25A					132	160		14			27	8		36													
40/20	25			100			160	180	14	27	8	42																
40/26	25A						180	225	65	14	125	95	320		250										265	212	27	8
50/13	25	50	65	100	360	132	160	50	14	100	70	240	190											100				
50/16	25A					160	180		14			27	8												39			
50/20	25			100			200		14				265												212	27	8	43
50/26	25A						180	225	65	14	125	95	320												250	265	212	27
65/13	25	65	80	100	470	160	180	65	14	125	95	280	212											140				
65/16	25A					200			14																	360	280	400
65/20	25			100			225	280	80	16	160	120	400												315	35	10	100
65/26	35						225	280	80	16	160	120	400												315	400	315	35
65/32	25A			125	360	180	225	65	14	125	95	320	250											75				
80/16	25	80	100			200	280		16																	400	315	35
80/20	25A					100	125	250	315	16															400	315	35	10
80/26	35	100	125					200	280	80	16	160	120												360	280	35	10
80/32	25			100	125	225		16				400	315	35	10	102												
100/20	25A	100	125			250	315	16				400	315	35	10	116												
100/26	35			100	125			530	280	100	18	200	150	500	400	M20		370	42	110	45	12	140	179				
100/32	25	100	125							470	250	80	16	160	120	400	315	M16		342	32	80	35	10	115			
100/40	25A			100	125																					191		
125/26	35	125	150																									
125/32	25			125	150																				215			
125/40	25A	125	150																									
150/32	35			150	200	160																						
150/40	25	150	200					160																				
150/26	25A			150	200	160																						
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150/40	25A	150	200					160																				
150/26	35			150	200	160																						
150/40	25	150	200					160																				

Performance Chart



NOTE- ALL DIMENSIONS ARE IN mm

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OUR COMPANIES

