



# DIN Standard end suction pumps (DIN 24255)

# EN 32

## Applications

Water transfer, irrigation, industrial and pressurisation, with no solids in suspension.

## Materials

### Pump Body

Cast iron GG20.

### Impeller

Cast iron GG20.

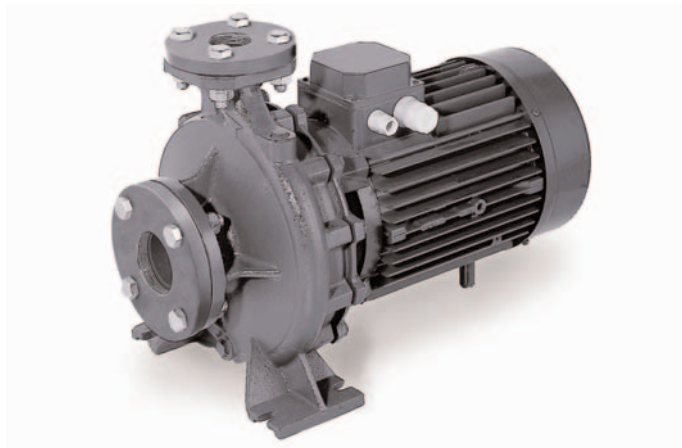
### Motor Shaft

Stainless steel. AISI 420.

### Mechanical Seal

Graphite and ceramic

**+ Temperature range**  
-10°C to +90°C



**+ DIN Standard (DIN 24255)**

## Motor

Class F insulation.  
IP 44 Protection.  
Continuous operation.

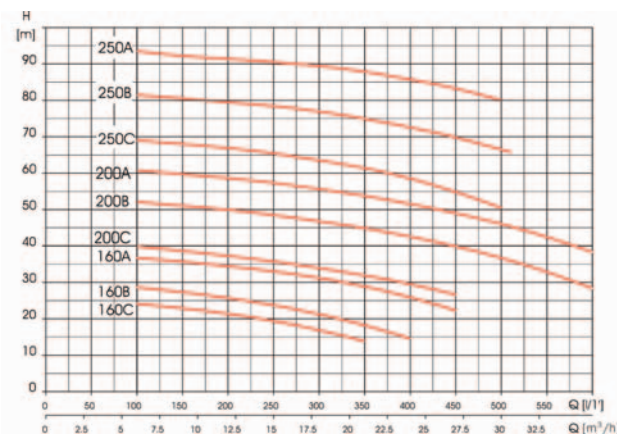
# 32

## Limitations

Maximum pressure: 10 bar.  
Maximum ambient temperature: 40°C.  
Liquid temperature: -10°C +90°C.

## Equipment

Supplied with counter flanges and gaskets.



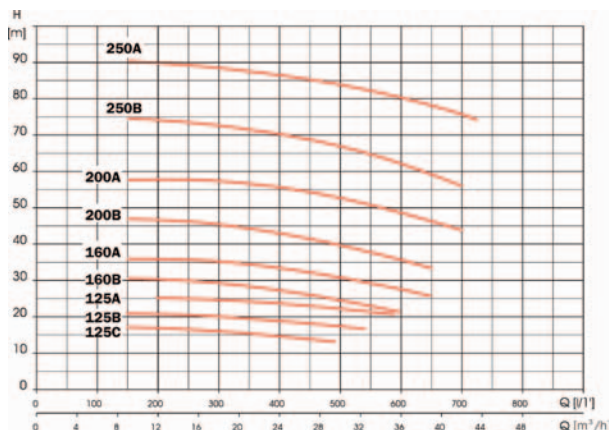
MODEL	Price	3~			P1	kW	HP	l/1'	Flow Rate (m³/h)							
		230 V	400 V	692 V					3~	100	150	200	250	300	350	400
EN32 160 C	428	6.9	4	-	2.3	1.5	2	H [m]	24,1	23	21,5	19,6	17,2	14,1	-	-
EN32 160 B	465	9	5.2	-	2.9	2.2	3		28,5	27,3	25,7	23,8	21,4	18,5	14,8	-
EN32 160 A	496	12.2	7.1	-	4.1	3	4		36,4	35,4	34,2	32,8	31,1	28,8	26	22,3
EN32 200 C	626	16.2	9.4	-	5.4	4	5.5		40	38,8	37,5	36	34,2	32,2	30	27
EN32 200 B	748	-	14.2	8.2	8.7	5.5	7.5		52	51	50	48,5	46,8	45	42,7	40,1
EN32 200 A	846	-	16.5	9.5	9.8	7.5	10		60,5	59,5	58,5	57,2	55,5	53,7	51,5	49
EN32 250 C	1,001	-	20.1	11.6	11.5	9.2	12.5		69	68	67	65,5	63,5	61,5	58,5	55
EN32 250 B	1,062	-	24.2	14	14.2	11	15		81,5	80,5	79,5	78,5	77	75	72,6	70
EN32 250 A	1,499	-	30.1	17.4	17.1	15	20		93,5	92	91,5	90,5	89,5	88	85,7	83,5

Being replaced with XNS/XNF range during 2008/2009

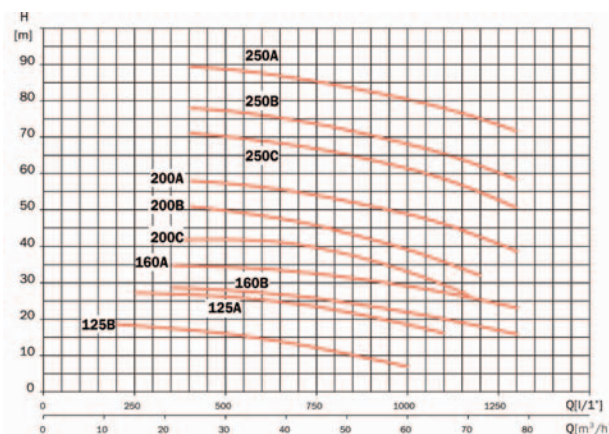
# EN 40/50

## DIN Standard end suction pumps (DIN 24255)

### 40



### 50



MODEL	Price	3~			P1	kW	HP	l/1'	H [m]							
		230 V	400 V	692 V					3~	150	200	250	300	400	500	600
								m³/h	9	12	15	18	24	30	36	42
EN40 125 C	429	6.9	4	-	2.2	1.5	2	H [m]	17.5	17.3	16.9	16.4	15.1	13.3	-	-
EN40 125 B	465	9	5.2	-	2.9	2.2	3		21.3	21.2	21	20.6	19.4	17.9	-	-
EN40 125 A	498	12.2	7.1	-	3.9	3	4		25.9	25.8	25.6	25.4	24.4	22.9	21.1	-
EN40 160 B	559	12.8	7.4	-	4.4	3	4		30.1	30	29.6	29	27.1	24.4	21	-
EN40 160 A	581	17	9.9	-	5.6	4	5.5		35.6	35.5	35.3	35	33.2	30.6	27.3	-
EN40 200 B	761	-	13.2	7.6	8.2	5.5	7.5		47	46.8	46.4	45.6	43.2	39.9	35.8	-
EN40 200 A	859	-	16.8	9.7	10.8	7.5	10		58	57.9	57.8	57.6	56	53	48.9	43.9
EN40 250 B	1,084	-	24.2	14	15.7	11	15		74.6	74.2	73.5	72.7	70.4	67.2	62.5	56
EN40 250 A	1,452	-	32	18.5	21.2	15	20		90.4	89.8	89.3	88.5	86.6	84	80.5	76

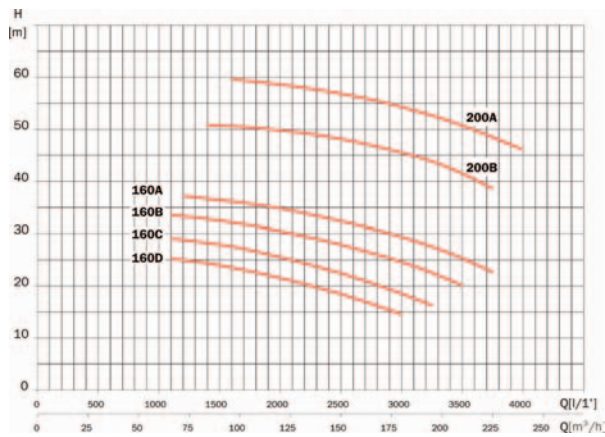
MODEL	Price	3~			P1	kW	HP	l/1'	H [m]							
		230 V	400 V	692 V					3~	400	500	600	700	800	1000	1100
								m³/h	24	30	36	42	48	60	66	72
EN50 125 B	558	12.2	7.4	-	3.4	3	4	H [m]	16.6	15.6	14.3	12.8	11	7	-	-
EN50 125 A	580	17	9.9	-	5.6	4	5.5		25.8	25.2	24.4	23.3	21.9	18	15.7	-
EN50 160 B	740	-	11.6	6.7	6.7	5.5	7.5		30.3	29.8	29	28	26.7	23.3	21.3	19.1
EN50 160 A	841	-	15.8	9.1	9.2	7.5	10		36.9	36.6	36.1	35.1	34	31	29.1	26.9
EN50 200 C	982	-	18.5	10.7	10.6	9.2	12.5		45.7	44.5	42.9	40.2	38.5	33	29	24.5
EN50 200 B	1,042	-	21	12	12.4	11	15		51	50	48.5	46.8	44.7	39.5	35.9	32
EN50 200 A	1,432	-	27	15.6	15.3	15	20		58.1	57.5	56.4	55	53.2	49	46.3	42.8
EN50 250 C	1,532	-	32.5	18.7	21.5	15	20		71	70.3	69	67.6	66	61.5	58.6	55
EN50 250 B	1,608	-	41.5	24	24.5	18.5	25		78	77.4	76.1	74.5	72.8	68.2	65.5	62.2
EN50 250 A	2,032	-	51.5	29.7	28.7	22	30	89.5	88.8	87.7	86.1	84.5	80.5	78	75.2	

Being replaced with XNS/XNF range during 2008/2009

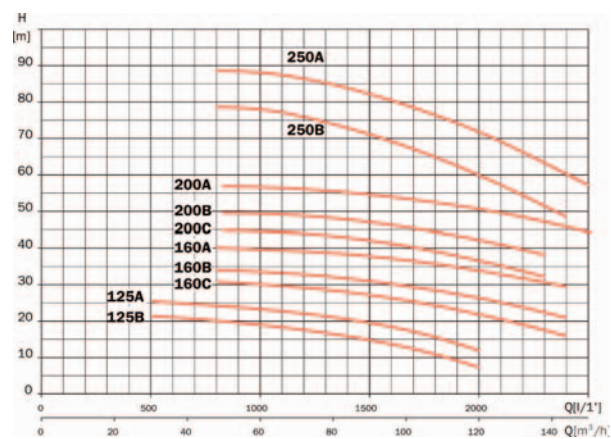
# DIN Standard end suction pumps (DIN 24255)

# EN 65/80

## 65



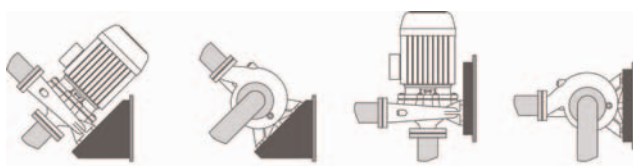
## 80



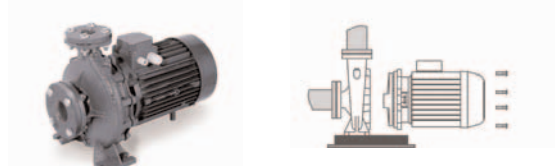
MODEL	Price	3~			P1	kW	HP	l/1'	H [m]							
		230 V	400 V	692 V					3~	800	1000	1200	1400	1600	1800	2000
EN65 125 B	863	-	13.2	7.6	7.1	5.5	7.5	H [m]	20.1	18.8	17.5	15.7	13.6	10.9	7.1	-
EN65 125 A	929	-	16.8	9.7	9.3	7.5	10		24.2	23.2	22	20.4	18.4	15.7	11.7	-
EN65 160 C	1,076	-	19.5	11.2	12.9	9.2	12.5		31.1	30.5	29.6	28.3	26.6	24.6	22.1	19.3
EN65 160 B	1,141	-	22.5	13	13.8	11	15		34.4	34	33.3	32.1	30.6	28.8	26.7	24.1
EN65 160 A	1,422	-	30	17.3	17.6	15	20		40.6	40.2	39.7	38.9	37.7	36.2	34.3	32.2
EN65 200 C	1,528	-	32.5	18.7	20.8	15	20		44.6	44.5	43.7	42.3	40.5	38	35.3	32
EN65 200 B	1,689	-	41.5	24	24	18.5	25		49.4	49.3	48.5	47.3	45.5	43.5	41	38
EN65 200 A	1,778	-	51.5	29.7	31.5	22	30		56.6	56.5	55.7	54.7	53.3	51.6	49.6	47.1
EN65 250 B	3,923	-	63.5	36.7	38	30	40		78.6	78.5	76	73	69.3	65	60	54.5
EN65 250 A	4,199	-	74.5	43	44.4	37	50		88.6	88.5	86.5	84	80.5	76.5	72	66.5

MODEL	Price	3~			P1	kW	HP	l/1'	H [m]							
		230 V	400 V	692 V					3~	1100	1200	1400	1800	2200	2600	3000
EN80 160 D	1,206	-	20.8	12	12.2	11	15	H [m]	25.6	25.3	24.7	22.9	20.6	17.9	14.6	-
EN80 160 C	1,696	-	25.8	15	14.9	15	20		29.6	29.3	28.7	27	24.7	22	18.7	-
EN80 160 B	1,859	-	35	20.2	19	18.5	25		34.1	33.9	33.4	32	30	27.7	25	20.3
EN80 160 A	1,967	-	42	24.2	23	22	30		-	37.9	37.3	36.2	34.5	32.4	29.9	25.8
EN80 200 B	3,928	-	63.5	36.7	39.4	30	40		-	-	50.8	50.3	49.3	47.7	45.5	41.6
EN80 200 A	4,207	-	74.5	43	46.7	37	50		-	-	-	59.2	58	56.4	54.3	50.8

Possible positions for installation



Motor & impeller removal



Being replaced with XNS/XNF range during 2008/2009