



**HFR**

**CILINDRO DOPPIO EFFETTO SERIE M250 - DOUBLE ACTING  
CYLINDER M250 SERIES - DOPPELWIRKENDE ZYLINDER SERIE M250**

Ø D	Ø AL	Ø S	Corsa Stroke Hub	Codice Code Bestell-Nr.	K	E	CM	L	L1	Ø H1	Ø F Ø F1	Ø H	V	Kg	Euro
35	25	16	50	HFR0160050	160	1/4"	31	23	22	35	12,1	25	25	1,00	<b>74,20</b>
			100	HFR0160100	210									1,20	<b>77,10</b>
			150	HFR0160150	260									1,40	<b>80,00</b>
			200	HFR0160200	310									1,70	<b>82,90</b>
42	32	20	50	HFR0200050	205	1/4"	51	33	35	40	16,2	30	35	1,70	<b>82,05</b>
			100	HFR0200100	255									2,10	<b>85,20</b>
			150	HFR0200150	305									2,40	<b>88,35</b>
			200	HFR0200200	355									2,80	<b>91,50</b>
			250	HFR0200250	405									3,10	<b>94,65</b>
			300	HFR0200300	455									3,50	<b>97,80</b>
			400	HFR0200400	555									4,20	<b>104,05</b>
			500	HFR0200500	655									4,80	<b>110,30</b>
50	40	25	100	HFR1250100	270	3/8"	42	40	45	50	20,5	40	40	3,23	<b>100,25</b>
			150	HFR1250150	320									3,71	<b>104,45</b>
			200	HFR1250200	370									4,16	<b>108,65</b>
			250	HFR1250250	420									4,66	<b>112,85</b>
			300	HFR1250300	470									5,12	<b>117,05</b>
			400	HFR1250400	570									6,05	<b>125,45</b>
			500	HFR1250500	670									6,99	<b>133,85</b>
			600	HFR1250600	770									7,95	<b>142,25</b>
			700	HFR1250700	870									8,87	<b>150,65</b>
			800	HFR1250800	970									9,82	<b>159,05</b>
60	50	30	100	HFR2300100	300	3/8"	47	43	58	60	25,5	50	45	5,11	<b>123,00</b>
			150	HFR2300150	350									5,74	<b>128,30</b>
			200	HFR2300200	400									6,33	<b>133,60</b>
			250	HFR2300250	450									6,97	<b>138,90</b>
			300	HFR2300300	500									7,60	<b>144,20</b>
			400	HFR2300400	600									8,83	<b>154,80</b>
			500	HFR2300500	700									10,05	<b>165,40</b>
			600	HFR2300600	800									11,27	<b>176,00</b>
			700	HFR2300700	900									12,40	<b>186,60</b>
			800	HFR2300800	1000									13,73	<b>197,20</b>
			900	HFR2300900	1100									14,97	<b>207,80</b>
			1000	HFR2301000	1200									16,08	<b>218,40</b>
70	60	30	100	HFR3300100	300	3/8"	48	50	58	70	25,5	50	45	6,30	<b>141,10</b>
			150	HFR3300150	350									6,97	<b>146,70</b>
			200	HFR3300200	400									7,67	<b>152,30</b>
			250	HFR3300250	450									8,31	<b>157,90</b>
			300	HFR3300300	500									8,97	<b>163,50</b>
			350	HFR3300350	550									9,66	<b>169,10</b>
			400	HFR3300400	600									10,36	<b>174,70</b>
			450	HFR3300450	650									10,99	<b>180,30</b>
			500	HFR3300500	700									11,71	<b>185,90</b>
			600	HFR3300600	800									13,10	<b>197,05</b>
700	HFR3300700	900	14,35	<b>208,20</b>											

Velocità Limite - Top Speed -  
Höchstgeschwindigkeit: max. 0,5 m/s  
Pressione Continua - Continuous Pressure -  
Dauerdruck: max. 140 bar  
Pressione di picco - Peak pressure -  
Höchstdruck: max. 250 bar  
Temperatura C° - Temperature C° -  
Temperaturbereich C°: -25°C +80°C



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Ø D	Ø AL	Ø S	Corsa Stroke Hub	Codice Code Bestell-Nr.	K	E	CM	L	L1	ØH1	Ø F Ø F1	Ø H	V	Kg	Euro
70	60	35	200	HFR3350200	400	3/8"	48	50	58	70	25,5	50	45	8,00	<b>158,15</b>
			300	HFR3350300	500									9,55	<b>170,85</b>
			400	HFR3350400	600									11,10	<b>183,55</b>
			500	HFR3350500	700									12,65	<b>196,25</b>
			600	HFR3350600	800									14,20	<b>208,95</b>
			700	HFR3350700	900									15,75	<b>221,65</b>
			800	HFR3350800	1000									17,50	<b>234,35</b>
			900	HFR3350900	1100									19,00	<b>247,05</b>
			1000	HFR3351000	1200									20,50	<b>259,75</b>
80	70	40	200	HFR4400200	410	3/8"	48	50	58	80	30,5	50	55	10,45	<b>192,95</b>
			250	HFR4400250	460									11,37	<b>201,00</b>
			300	HFR4400300	510									12,31	<b>209,05</b>
			350	HFR4400350	560									13,30	<b>217,10</b>
			400	HFR4400400	610									14,22	<b>225,15</b>
			450	HFR4400450	660									15,20	<b>233,20</b>
			500	HFR4400500	710									16,11	<b>241,25</b>
			600	HFR4400600	810									18,12	<b>257,30</b>
			700	HFR4400700	910									19,94	<b>273,35</b>
800	HFR4400800	1010	21,50	<b>289,40</b>											
900	HFR4400900	1110	23,50	<b>305,45</b>											
92	80	40	200	HFR5400200	410	3/8"	38	60	58	90	30,5	50	55	13,26	<b>238,65</b>
			250	HFR5400250	460									14,46	<b>248,05</b>
			300	HFR5400300	510									15,54	<b>257,45</b>
			350	HFR5400350	560									16,72	<b>266,85</b>
			400	HFR5400400	610									18,00	<b>276,25</b>
			500	HFR5400500	710									20,00	<b>295,00</b>
			600	HFR5400600	810									22,00	<b>313,75</b>
			700	HFR5400700	910									24,50	<b>332,50</b>
			800	HFR5400800	1010									26,50	<b>351,25</b>
900	HFR5400900	1110	29,00	<b>370,00</b>											
1000	HFR5401000	1210	31,00	<b>388,75</b>											
115	100	50	200	HFR6500200	425	3/8"	46	82	50	115	30,5	65	70	26,00	<b>340,60</b>
			300	HFR6500300	525									30,00	<b>370,80</b>
			400	HFR6500400	625									34,00	<b>401,10</b>
			500	HFR6500500	725									38,00	<b>431,25</b>
			700	HFR6500700	925									41,10	<b>491,70</b>
			900	HFR6500900	1125									45,00	<b>552,20</b>
1000	HFR6501000	1225	52,00	<b>582,40</b>											

MATERIALE - MATERIAL:

TUBO - TUBE - ROHR: ACCIAIO - STEEL - STAHL ST52,3 DIN2393 ISO H9

STELO - ROD - KOLBENSTANGE: ACCIAIO - STEEL - STAHL UNI C45 CROMO - CHROME - CHROM: 25 MICRON ± 5

